

The background of the cover is an aerial photograph of ocean waves, showing white foam and deep blue-green water. A large, semi-transparent dark teal rectangular box is overlaid on the right side of the image, containing the title text.

# Demscore Methodology

October 2023

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Data version: 2.0  
Document version: 2.0

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**Suggested citation for this document:** Gastaldi, Lisa, Melina Liethmann, Staffan I. Lindberg, Aaron Mannis, Josefine Pernes, Johannes von Römer and Steven Wilson. 2023. “Demscore Methodology v2.0 ”. Demscore.

**Funders:** Demscore is funded by the Swedish Research Council, University of Gothenburg, Stockholm University, Uppsala University, and Umeå University. For more information, please visit: <https://demscore.se>

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## Summary of Table of Contents

<b>1 Explanatory Notes</b>	<b>27</b>
<b>2 Differences in Country Identifiers</b>	<b>41</b>
<b>3 Project Descriptions</b>	<b>44</b>
<b>4 Output Unit Descriptions</b>	<b>47</b>
<b>5 Datasets and available Output Units</b>	<b>61</b>
<b>6 Appendix A: Changelog</b>	<b>441</b>

# Table of Contents

<b>1 Explanatory Notes</b>	<b>27</b>
1.1 Release Notes v2	27
1.2 New in Demscore version 2 compared to version 1	28
1.3 Suggested Citation	29
1.4 License	29
1.5 List of included Datasets	30
1.6 Data Harmonization Process	32
1.6.1 Identifying the Unit(s) of a Dataset	32
1.6.2 Combining similar Units across Datasets to create Output Units	33
1.6.3 Translation between Output Units without Aggregations/Disaggregations	35
1.6.4 Translation between Output Units requiring Aggregations/Disaggregations	37
1.7 Further Notes on Data Harmonization	38
1.7.1 Translation Directionality	38
1.7.2 Translation Conflicts	38
1.7.3 Aggregation and Disaggregation Methods	39
1.7.4 Unit Translation Paths	39
1.7.5 Variable naming	39
1.8 Download Interface	39
1.8.1 Automatic Codebook Generation	40
1.8.2 Download ID	40
1.9 Meta Data Harmonization	40
1.10 Open source code	40
1.11 Variable Entry Clarifications	40
<b>2 Differences in Country Identifiers</b>	<b>41</b>
2.1 Cautionary notes regarding country merges	41
<b>3 Project Descriptions</b>	<b>44</b>
3.1 COMPLAB	44
3.2 H-DATA	44
3.3 QOG	44
3.4 REPDEM	45
3.5 UCDP and VIEWS	45
3.6 V-DEM	46
<b>4 Output Unit Descriptions</b>	<b>47</b>
4.1 Complab Country-Year Unit	47
4.2 Complab Country-Year-Policy Unit	47
4.3 Complab Country-Year-Track Unit	47
4.4 Demscore Country-Year Unit	48
4.5 H-DATA Cabinet-Date Unit	48
4.6 H-DATA Country-Year Unit	48
4.7 H-DATA Country-Year-War Unit	48
4.8 H-DATA Dyad-Year Unit	49
4.9 H-DATA Minister-Date Unit	49
4.10 QoG Agency-Agency Instruction Unit	49
4.11 QoG Agency-Fiscal Year Unit	50
4.12 QoG Country Unit	50
4.13 QoG Country-Year Unit	50
4.14 QoG Municipality-Year Unit	51
4.15 QoG NUTS2 Region Unit	51

4.16	QoG NUTS Region-Year Unit	51
4.17	QoG EQI Respondent ID 2010-2013 Unit	51
4.18	QoG EQI Respondent ID 2017 Unit	52
4.19	QoG EQI Respondent ID 2021 Unit	52
4.20	QoG EQI Perceptions Respondent ID 2017 Unit	52
4.21	Repdem Cabinet-Date Unit	52
4.22	REPDEM Cabinet-Month Unit	53
4.23	REPDEM Cabinet-Party Unit	53
4.24	REPDEM Cabinet-Potential Coalition Unit	53
4.25	REPDEM Cabinet-Quarter Unit	54
4.26	REPDEM Cabinet-Year Unit	54
4.27	REPDEM Country-Year Unit	54
4.28	UCDP Actor Unit	54
4.29	UCDP Actor-Dyad-Year Unit	55
4.30	UCDP Conflict-Year Unit	55
4.31	UCDP Country-Year Unit	55
4.32	UCDP Country-Year-Conflict Unit	55
4.33	UCDP Dyad-Year Unit	56
4.34	UCDP Event ID Unit	56
4.35	UCDP Organized Violence Country-Year Unit	56
4.36	UCDP Peace Agreement Unit	57
4.37	UCDP Peace Agreement-Conflict-Year Unit	57
4.38	UCDP Peace Agreement-Country-Year Unit	57
4.39	UCDP Peace Agreement-Dyad-Year Unit	57
4.40	UCDP Triad-Year Unit	57
4.41	V-Dem Country-Date Unit	58
4.42	V-Dem Country-Date-Coder Unit	58
4.43	V-Dem Country-Year Unit	58
4.44	V-Dem Party-Country-Year Unit	58
4.45	V-Dem Party-Date-Coder Unit	59
4.46	VIEWS Country-Month Unit	59
4.47	VIEWS PRIO-GRID Cell-Month Unit	59

## **5 Datasets and available Output Units 61**

5.1	COMPLAB GRACE - Governing the Anthropocene	62
5.1.1	Complab Country-Year Unit	62
5.1.2	Complab Country-Year-Policy Unit	62
5.1.3	Complab Country-Year-Track Unit	62
5.1.4	Demscore Country-Year Unit	63
5.1.5	H-DATA Cabinet-Date Unit	63
5.1.6	H-DATA Country-Year Unit	63
5.1.7	QoG Country-Year Unit	63
5.1.8	REPDEM Cabinet-Party Unit	63
5.1.9	REPDEM Country-Year Unit	64
5.1.10	Repdem Cabinet-Date Unit	64
5.1.11	UCDP Country-Year Unit	64
5.1.12	UCDP Event ID Unit	64
5.1.13	UCDP Organized Violence Country-Year Unit	65
5.1.14	V-Dem Country-Year Unit	65
5.1.15	H-DATA Dyad-Year Unit	65
5.1.16	H-DATA Minister-Date Unit	65
5.1.17	QoG Agency-Fiscal Year Unit	66

5.1.18	QoG Country Unit . . . . .	66
5.1.19	QoG Municipality-Year Unit . . . . .	66
5.1.20	QoG NUTS Region-Year Unit . . . . .	66
5.1.21	V-Dem Country-Date Unit . . . . .	67
5.1.22	V-Dem Party-Country-Year Unit . . . . .	67
5.1.23	QoG NUTS2 Region Unit . . . . .	68
5.1.24	V-Dem Country-Date-Coder Unit . . . . .	68
5.1.25	V-Dem Party-Date-Coder Unit . . . . .	68
5.2	COMPLAB MIGPOL DEMIG Policy . . . . .	70
5.2.1	Complab Country-Year-Policy Unit . . . . .	70
5.3	COMPLAB MIGPOL GLOBALCIT Country-Year . . . . .	71
5.3.1	Complab Country-Year Unit . . . . .	71
5.3.2	Complab Country-Year-Policy Unit . . . . .	71
5.3.3	Complab Country-Year-Track Unit . . . . .	71
5.3.4	Demscore Country-Year Unit . . . . .	72
5.3.5	H-DATA Cabinet-Date Unit . . . . .	72
5.3.6	H-DATA Country-Year Unit . . . . .	72
5.3.7	QoG Country-Year Unit . . . . .	72
5.3.8	REPDEM Cabinet-Party Unit . . . . .	72
5.3.9	REPDEM Country-Year Unit . . . . .	73
5.3.10	Repdem Cabinet-Date Unit . . . . .	73
5.3.11	UCDP Country-Year Unit . . . . .	73
5.3.12	UCDP Event ID Unit . . . . .	73
5.3.13	UCDP Organized Violence Country-Year Unit . . . . .	73
5.3.14	V-Dem Country-Year Unit . . . . .	74
5.3.15	H-DATA Dyad-Year Unit . . . . .	74
5.3.16	H-DATA Minister-Date Unit . . . . .	74
5.3.17	QoG Agency-Fiscal Year Unit . . . . .	74
5.3.18	QoG Country Unit . . . . .	75
5.3.19	QoG Municipality-Year Unit . . . . .	75
5.3.20	QoG NUTS Region-Year Unit . . . . .	76
5.3.21	V-Dem Country-Date Unit . . . . .	76
5.3.22	V-Dem Country-Date-Coder Unit . . . . .	76
5.3.23	V-Dem Party-Country-Year Unit . . . . .	77
5.3.24	QoG NUTS2 Region Unit . . . . .	77
5.3.25	V-Dem Party-Date-Coder Unit . . . . .	77
5.4	COMPLAB MIGPOL IMISEM . . . . .	79
5.4.1	Complab Country-Year Unit . . . . .	79
5.4.2	Complab Country-Year-Policy Unit . . . . .	79
5.4.3	Complab Country-Year-Track Unit . . . . .	79
5.4.4	Demscore Country-Year Unit . . . . .	80
5.4.5	H-DATA Cabinet-Date Unit . . . . .	80
5.4.6	H-DATA Country-Year Unit . . . . .	80
5.4.7	QoG Country-Year Unit . . . . .	80
5.4.8	REPDEM Cabinet-Party Unit . . . . .	80
5.4.9	REPDEM Country-Year Unit . . . . .	80
5.4.10	Repdem Cabinet-Date Unit . . . . .	81
5.4.11	UCDP Country-Year Unit . . . . .	81
5.4.12	UCDP Event ID Unit . . . . .	81
5.4.13	UCDP Organized Violence Country-Year Unit . . . . .	81
5.4.14	V-Dem Country-Year Unit . . . . .	82
5.4.15	H-DATA Dyad-Year Unit . . . . .	82

5.4.16	H-DATA Minister-Date Unit	82
5.4.17	QoG Agency-Fiscal Year Unit	82
5.4.18	QoG Country Unit	83
5.4.19	QoG Municipality-Year Unit	83
5.4.20	QoG NUTS Region-Year Unit	83
5.4.21	V-Dem Country-Date Unit	84
5.4.22	V-Dem Country-Date-Coder Unit	84
5.4.23	V-Dem Party-Country-Year Unit	85
5.4.24	QoG NUTS2 Region Unit	85
5.4.25	V-Dem Party-Date-Coder Unit	85
5.5	COMPLAB MIGPOL IMPIC 2016	87
5.5.1	Complab Country-Year Unit	87
5.5.2	Complab Country-Year-Policy Unit	87
5.5.3	Complab Country-Year-Track Unit	87
5.5.4	Demscore Country-Year Unit	88
5.5.5	H-DATA Cabinet-Date Unit	88
5.5.6	H-DATA Country-Year Unit	88
5.5.7	QoG Country-Year Unit	88
5.5.8	REPDEM Cabinet-Party Unit	88
5.5.9	REPDEM Country-Year Unit	88
5.5.10	Repdem Cabinet-Date Unit	89
5.5.11	UCDP Country-Year Unit	89
5.5.12	UCDP Event ID Unit	89
5.5.13	UCDP Organized Violence Country-Year Unit	89
5.5.14	V-Dem Country-Year Unit	90
5.5.15	H-DATA Dyad-Year Unit	90
5.5.16	H-DATA Minister-Date Unit	90
5.5.17	QoG Agency-Fiscal Year Unit	90
5.5.18	QoG Country Unit	91
5.5.19	QoG Municipality-Year Unit	91
5.5.20	QoG NUTS Region-Year Unit	91
5.5.21	V-Dem Country-Date Unit	92
5.5.22	V-Dem Country-Date-Coder Unit	92
5.5.23	V-Dem Party-Country-Year Unit	93
5.5.24	QoG NUTS2 Region Unit	93
5.5.25	V-Dem Party-Date-Coder Unit	93
5.6	COMPLAB MIGPOL IMPIC Political Rights	95
5.6.1	Complab Country-Year Unit	95
5.6.2	Complab Country-Year-Policy Unit	95
5.6.3	Complab Country-Year-Track Unit	95
5.6.4	Demscore Country-Year Unit	96
5.6.5	H-DATA Cabinet-Date Unit	96
5.6.6	H-DATA Country-Year Unit	96
5.6.7	QoG Country-Year Unit	96
5.6.8	REPDEM Cabinet-Party Unit	96
5.6.9	REPDEM Country-Year Unit	96
5.6.10	Repdem Cabinet-Date Unit	97
5.6.11	UCDP Country-Year Unit	97
5.6.12	UCDP Event ID Unit	97
5.6.13	UCDP Organized Violence Country-Year Unit	97
5.6.14	V-Dem Country-Year Unit	98
5.6.15	H-DATA Dyad-Year Unit	98

5.6.16	H-DATA Minister-Date Unit	98
5.6.17	QoG Agency-Fiscal Year Unit	98
5.6.18	QoG Country Unit	99
5.6.19	QoG Municipality-Year Unit	99
5.6.20	QoG NUTS Region-Year Unit	99
5.6.21	V-Dem Country-Date Unit	100
5.6.22	V-Dem Country-Date-Coder Unit	100
5.6.23	V-Dem Party-Country-Year Unit	101
5.6.24	QoG NUTS2 Region Unit	101
5.6.25	V-Dem Party-Date-Coder Unit	101
5.7	COMPLAB MIGPOL IMPIC Raw Data	103
5.7.1	Complab Country-Year-Track Unit	103
5.8	COMPLAB MIGPOL MIPEX	104
5.8.1	Complab Country-Year Unit	104
5.8.2	Complab Country-Year-Policy Unit	104
5.8.3	Complab Country-Year-Track Unit	104
5.8.4	Demscore Country-Year Unit	105
5.8.5	H-DATA Cabinet-Date Unit	105
5.8.6	H-DATA Country-Year Unit	105
5.8.7	QoG Country-Year Unit	105
5.8.8	REPDEM Cabinet-Party Unit	105
5.8.9	REPDEM Country-Year Unit	105
5.8.10	Repdem Cabinet-Date Unit	106
5.8.11	UCDP Country-Year Unit	106
5.8.12	UCDP Event ID Unit	106
5.8.13	UCDP Organized Violence Country-Year Unit	106
5.8.14	V-Dem Country-Year Unit	107
5.8.15	V-Dem Party-Country-Year Unit	107
5.8.16	H-DATA Dyad-Year Unit	107
5.8.17	H-DATA Minister-Date Unit	107
5.8.18	QoG Agency-Fiscal Year Unit	108
5.8.19	QoG Country Unit	108
5.8.20	QoG Municipality-Year Unit	108
5.8.21	QoG NUTS Region-Year Unit	109
5.8.22	V-Dem Country-Date Unit	109
5.8.23	V-Dem Country-Date-Coder Unit	109
5.8.24	QoG NUTS2 Region Unit	110
5.8.25	V-Dem Party-Date-Coder Unit	110
5.9	COMPLAB SPIN The Child Benefit Dataset (CBD)	112
5.9.1	Complab Country-Year Unit	112
5.9.2	Complab Country-Year-Policy Unit	112
5.9.3	Complab Country-Year-Track Unit	112
5.9.4	Demscore Country-Year Unit	113
5.9.5	H-DATA Cabinet-Date Unit	113
5.9.6	H-DATA Country-Year Unit	113
5.9.7	QoG Country-Year Unit	113
5.9.8	REPDEM Cabinet-Party Unit	113
5.9.9	REPDEM Country-Year Unit	114
5.9.10	Repdem Cabinet-Date Unit	114
5.9.11	UCDP Country-Year Unit	114
5.9.12	UCDP Event ID Unit	114
5.9.13	UCDP Organized Violence Country-Year Unit	115



5.9.14	V-Dem Country-Year Unit	115
5.9.15	H-DATA Dyad-Year Unit	115
5.9.16	H-DATA Minister-Date Unit	115
5.9.17	QoG Agency-Fiscal Year Unit	116
5.9.18	QoG Country Unit	116
5.9.19	QoG Municipality-Year Unit	116
5.9.20	QoG NUTS Region-Year Unit	117
5.9.21	V-Dem Country-Date Unit	117
5.9.22	V-Dem Party-Country-Year Unit	117
5.9.23	QoG NUTS2 Region Unit	118
5.9.24	V-Dem Country-Date-Coder Unit	118
5.9.25	V-Dem Party-Date-Coder Unit	119
5.10	COMPLAB SPIN The Housing Benefit Dataset (HBEN)	120
5.10.1	Complab Country-Year Unit	120
5.10.2	Complab Country-Year-Policy Unit	120
5.10.3	Complab Country-Year-Track Unit	120
5.10.4	Demscore Country-Year Unit	121
5.10.5	H-DATA Cabinet-Date Unit	121
5.10.6	H-DATA Country-Year Unit	121
5.10.7	QoG Country-Year Unit	121
5.10.8	REPDEM Cabinet-Party Unit	121
5.10.9	REPDEM Country-Year Unit	122
5.10.10	Repdem Cabinet-Date Unit	122
5.10.11	UCDP Country-Year Unit	122
5.10.12	UCDP Event ID Unit	122
5.10.13	UCDP Organized Violence Country-Year Unit	123
5.10.14	V-Dem Country-Year Unit	123
5.10.15	H-DATA Dyad-Year Unit	123
5.10.16	H-DATA Minister-Date Unit	123
5.10.17	QoG Agency-Fiscal Year Unit	124
5.10.18	QoG Country Unit	124
5.10.19	QoG Municipality-Year Unit	124
5.10.20	QoG NUTS Region-Year Unit	125
5.10.21	V-Dem Country-Date Unit	125
5.10.22	V-Dem Party-Country-Year Unit	125
5.10.23	QoG NUTS2 Region Unit	126
5.10.24	V-Dem Country-Date-Coder Unit	126
5.10.25	V-Dem Party-Date-Coder Unit	127
5.11	COMPLAB SPIN The Out-of-Work Benefits Dataset (OUTWB)	128
5.11.1	Complab Country-Year Unit	128
5.11.2	Complab Country-Year-Policy Unit	128
5.11.3	Complab Country-Year-Track Unit	128
5.11.4	Demscore Country-Year Unit	129
5.11.5	H-DATA Cabinet-Date Unit	129
5.11.6	H-DATA Country-Year Unit	129
5.11.7	QoG Country-Year Unit	129
5.11.8	REPDEM Cabinet-Party Unit	129
5.11.9	REPDEM Country-Year Unit	130
5.11.10	Repdem Cabinet-Date Unit	130
5.11.11	UCDP Country-Year Unit	130
5.11.12	UCDP Event ID Unit	130
5.11.13	UCDP Organized Violence Country-Year Unit	131

5.11.14	V-Dem Country-Year Unit	131
5.11.15	H-DATA Dyad-Year Unit	131
5.11.16	H-DATA Minister-Date Unit	131
5.11.17	QoG Agency-Fiscal Year Unit	132
5.11.18	QoG Country Unit	132
5.11.19	QoG Municipality-Year Unit	132
5.11.20	QoG NUTS Region-Year Unit	133
5.11.21	V-Dem Country-Date Unit	133
5.11.22	V-Dem Party-Country-Year Unit	133
5.11.23	QoG NUTS2 Region Unit	134
5.11.24	V-Dem Country-Date-Coder Unit	134
5.11.25	V-Dem Party-Date-Coder Unit	135
5.12	COMPLAB SPIN The Parental Leave Benefit Dataset (PLB)	136
5.12.1	Complab Country-Year Unit	136
5.12.2	Complab Country-Year-Policy Unit	136
5.12.3	Complab Country-Year-Track Unit	136
5.12.4	Demscore Country-Year Unit	137
5.12.5	H-DATA Cabinet-Date Unit	137
5.12.6	H-DATA Country-Year Unit	137
5.12.7	QoG Country-Year Unit	137
5.12.8	REPDEM Cabinet-Party Unit	137
5.12.9	REPDEM Country-Year Unit	138
5.12.10	Repdem Cabinet-Date Unit	138
5.12.11	UCDP Country-Year Unit	138
5.12.12	UCDP Event ID Unit	138
5.12.13	UCDP Organized Violence Country-Year Unit	139
5.12.14	V-Dem Country-Year Unit	139
5.12.15	H-DATA Dyad-Year Unit	139
5.12.16	H-DATA Minister-Date Unit	139
5.12.17	QoG Agency-Fiscal Year Unit	140
5.12.18	QoG Country Unit	140
5.12.19	QoG Municipality-Year Unit	140
5.12.20	QoG NUTS Region-Year Unit	141
5.12.21	V-Dem Country-Date Unit	141
5.12.22	V-Dem Party-Country-Year Unit	141
5.12.23	QoG NUTS2 Region Unit	142
5.12.24	V-Dem Country-Date-Coder Unit	142
5.12.25	V-Dem Party-Date-Coder Unit	143
5.13	COMPLAB SPIN The Social Assistance and Minimum Income Protection Interim Dataset (SAMIP)	144
5.13.1	Complab Country-Year Unit	144
5.13.2	Complab Country-Year-Policy Unit	144
5.13.3	Complab Country-Year-Track Unit	144
5.13.4	Demscore Country-Year Unit	145
5.13.5	H-DATA Cabinet-Date Unit	145
5.13.6	H-DATA Country-Year Unit	145
5.13.7	QoG Country-Year Unit	145
5.13.8	REPDEM Cabinet-Party Unit	145
5.13.9	REPDEM Country-Year Unit	146
5.13.10	Repdem Cabinet-Date Unit	146
5.13.11	UCDP Country-Year Unit	146
5.13.12	UCDP Event ID Unit	146

5.13.13	UCDP Organized Violence Country-Year Unit	147
5.13.14	V-Dem Country-Year Unit	147
5.13.15	H-DATA Dyad-Year Unit	147
5.13.16	H-DATA Minister-Date Unit	147
5.13.17	QoG Agency-Fiscal Year Unit	148
5.13.18	QoG Country Unit	148
5.13.19	QoG Municipality-Year Unit	148
5.13.20	QoG NUTS Region-Year Unit	149
5.13.21	V-Dem Country-Date Unit	149
5.13.22	V-Dem Party-Country-Year Unit	150
5.13.23	QoG NUTS2 Region Unit	150
5.13.24	V-Dem Country-Date-Coder Unit	150
5.13.25	V-Dem Party-Date-Coder Unit	151
5.14	COMPLAB SPIN The Social Citizenship Indicator Program (SCIP)	152
5.14.1	Complab Country-Year Unit	152
5.14.2	Complab Country-Year-Policy Unit	152
5.14.3	Complab Country-Year-Track Unit	152
5.14.4	Demscore Country-Year Unit	153
5.14.5	H-DATA Cabinet-Date Unit	153
5.14.6	H-DATA Country-Year Unit	153
5.14.7	QoG Country-Year Unit	153
5.14.8	REPDEM Cabinet-Party Unit	153
5.14.9	REPDEM Country-Year Unit	154
5.14.10	Repdem Cabinet-Date Unit	154
5.14.11	UCDP Country-Year Unit	154
5.14.12	UCDP Event ID Unit	154
5.14.13	UCDP Organized Violence Country-Year Unit	155
5.14.14	V-Dem Country-Year Unit	155
5.14.15	H-DATA Dyad-Year Unit	155
5.14.16	H-DATA Minister-Date Unit	155
5.14.17	QoG Agency-Fiscal Year Unit	156
5.14.18	QoG Country Unit	156
5.14.19	QoG Municipality-Year Unit	156
5.14.20	QoG NUTS Region-Year Unit	157
5.14.21	V-Dem Country-Date Unit	157
5.14.22	V-Dem Party-Country-Year Unit	157
5.14.23	QoG NUTS2 Region Unit	158
5.14.24	V-Dem Country-Date-Coder Unit	158
5.14.25	V-Dem Party-Date-Coder Unit	159
5.15	COMPLAB SPIN The Social Insurance Entitlements Dataset (SIED)	160
5.15.1	Complab Country-Year Unit	160
5.15.2	Complab Country-Year-Policy Unit	160
5.15.3	Complab Country-Year-Track Unit	160
5.15.4	Demscore Country-Year Unit	161
5.15.5	H-DATA Cabinet-Date Unit	161
5.15.6	H-DATA Country-Year Unit	161
5.15.7	QoG Country-Year Unit	161
5.15.8	REPDEM Cabinet-Party Unit	161
5.15.9	REPDEM Country-Year Unit	162
5.15.10	Repdem Cabinet-Date Unit	162
5.15.11	UCDP Country-Year Unit	162
5.15.12	UCDP Event ID Unit	162

5.15.13	UCDP Organized Violence Country-Year Unit	163
5.15.14	V-Dem Country-Year Unit	163
5.15.15	H-DATA Dyad-Year Unit	163
5.15.16	H-DATA Minister-Date Unit	163
5.15.17	QoG Agency-Fiscal Year Unit	164
5.15.18	QoG Country Unit	164
5.15.19	QoG Municipality-Year Unit	164
5.15.20	QoG NUTS Region-Year Unit	165
5.15.21	V-Dem Country-Date Unit	165
5.15.22	V-Dem Party-Country-Year Unit	165
5.15.23	QoG NUTS2 Region Unit	166
5.15.24	V-Dem Country-Date-Coder Unit	166
5.15.25	V-Dem Party-Date-Coder Unit	167
5.16	COMPLAB SPIN The Student Support and Fees Dataset (SSFD)	168
5.16.1	Complab Country-Year Unit	168
5.16.2	Complab Country-Year-Policy Unit	168
5.16.3	Complab Country-Year-Track Unit	168
5.16.4	Demscore Country-Year Unit	169
5.16.5	H-DATA Cabinet-Date Unit	169
5.16.6	H-DATA Country-Year Unit	169
5.16.7	QoG Country-Year Unit	169
5.16.8	REPDEM Cabinet-Party Unit	169
5.16.9	REPDEM Country-Year Unit	170
5.16.10	Repdem Cabinet-Date Unit	170
5.16.11	UCDP Country-Year Unit	170
5.16.12	UCDP Event ID Unit	170
5.16.13	UCDP Organized Violence Country-Year Unit	171
5.16.14	V-Dem Country-Year Unit	171
5.16.15	H-DATA Dyad-Year Unit	171
5.16.16	H-DATA Minister-Date Unit	171
5.16.17	QoG Agency-Fiscal Year Unit	172
5.16.18	QoG Country Unit	172
5.16.19	QoG Municipality-Year Unit	172
5.16.20	QoG NUTS Region-Year Unit	173
5.16.21	V-Dem Country-Date Unit	173
5.16.22	V-Dem Party-Country-Year Unit	173
5.16.23	QoG NUTS2 Region Unit	174
5.16.24	V-Dem Country-Date-Coder Unit	174
5.16.25	V-Dem Party-Date-Coder Unit	175
5.17	H-DATA Historical Cabinets	176
5.17.1	H-DATA Cabinet-Date Unit	176
5.17.2	Complab Country-Year Unit	176
5.17.3	Complab Country-Year-Policy Unit	176
5.17.4	Demscore Country-Year Unit	177
5.17.5	H-DATA Country-Year Unit	177
5.17.6	H-DATA Minister-Date Unit	177
5.17.7	V-Dem Country-Date Unit	177
5.17.8	V-Dem Country-Year Unit	178
5.17.9	H-DATA Dyad-Year Unit	178
5.17.10	V-Dem Country-Date-Coder Unit	178
5.18	H-DATA Historical Conflicts - Country-Year Level	180
5.18.1	H-DATA Country-Year Unit	180

5.18.2	Complab Country-Year Unit . . . . .	180
5.18.3	Complab Country-Year-Policy Unit . . . . .	180
5.18.4	Complab Country-Year-Track Unit . . . . .	181
5.18.5	Demscore Country-Year Unit . . . . .	181
5.18.6	H-DATA Dyad-Year Unit . . . . .	181
5.18.7	H-DATA Minister-Date Unit . . . . .	181
5.18.8	QoG Country-Year Unit . . . . .	181
5.18.9	REPDEM Cabinet-Party Unit . . . . .	181
5.18.10	REPDEM Country-Year Unit . . . . .	182
5.18.11	Repdem Cabinet-Date Unit . . . . .	182
5.18.12	UCDP Country-Year Unit . . . . .	182
5.18.13	UCDP Event ID Unit . . . . .	182
5.18.14	UCDP Organized Violence Country-Year Unit . . . . .	183
5.18.15	V-Dem Country-Year Unit . . . . .	183
5.18.16	QoG Agency-Fiscal Year Unit . . . . .	183
5.18.17	QoG Country Unit . . . . .	183
5.18.18	QoG NUTS Region-Year Unit . . . . .	184
5.18.19	V-Dem Country-Date Unit . . . . .	184
5.18.20	V-Dem Country-Date-Coder Unit . . . . .	184
5.18.21	V-Dem Party-Country-Year Unit . . . . .	185
5.18.22	V-Dem Party-Date-Coder Unit . . . . .	185
5.19	H-DATA Historical Conflicts - War Level . . . . .	186
5.19.1	H-DATA Country-Year-War Unit . . . . .	186
5.20	H-DATA Diplomatic Representation . . . . .	187
5.20.1	H-DATA Dyad-Year Unit . . . . .	187
5.20.2	H-DATA Country-Year Unit . . . . .	187
5.20.3	Complab Country-Year Unit . . . . .	187
5.20.4	Demscore Country-Year Unit . . . . .	188
5.20.5	H-DATA Cabinet-Date Unit . . . . .	188
5.20.6	H-DATA Minister-Date Unit . . . . .	188
5.20.7	QoG Country-Year Unit . . . . .	188
5.20.8	REPDEM Cabinet-Party Unit . . . . .	189
5.20.9	REPDEM Country-Year Unit . . . . .	189
5.20.10	Repdem Cabinet-Date Unit . . . . .	189
5.20.11	UCDP Country-Year Unit . . . . .	190
5.20.12	UCDP Event ID Unit . . . . .	190
5.20.13	UCDP Organized Violence Country-Year Unit . . . . .	190
5.20.14	V-Dem Country-Year Unit . . . . .	191
5.20.15	QoG NUTS Region-Year Unit . . . . .	191
5.21	H-DATA Foreign Minister Dataset . . . . .	192
5.21.1	H-DATA Minister-Date Unit . . . . .	192
5.21.2	H-DATA Cabinet-Date Unit . . . . .	192
5.21.3	H-DATA Country-Year Unit . . . . .	192
5.21.4	H-DATA Dyad-Year Unit . . . . .	192
5.21.5	Repdem Cabinet-Date Unit . . . . .	193
5.21.6	V-Dem Country-Date Unit . . . . .	193
5.21.7	Complab Country-Year Unit . . . . .	193
5.21.8	Demscore Country-Year Unit . . . . .	193
5.21.9	QoG Country-Year Unit . . . . .	194
5.21.10	REPDEM Cabinet-Party Unit . . . . .	194
5.21.11	REPDEM Country-Year Unit . . . . .	194
5.21.12	UCDP Country-Year Unit . . . . .	195

5.21.13	UCDP Event ID Unit	195
5.21.14	UCDP Organized Violence Country-Year Unit	195
5.21.15	V-Dem Country-Date-Coder Unit	196
5.21.16	V-Dem Country-Year Unit	196
5.21.17	QoG Agency-Fiscal Year Unit	196
5.21.18	QoG Country Unit	197
5.21.19	QoG NUTS Region-Year Unit	197
5.21.20	V-Dem Party-Country-Year Unit	198
5.21.21	V-Dem Party-Date-Coder Unit	198
5.22	H-DATA Information Capacity Dataset	200
5.22.1	H-DATA Country-Year Unit	200
5.22.2	Complab Country-Year Unit	200
5.22.3	Complab Country-Year-Policy Unit	200
5.22.4	Demscore Country-Year Unit	201
5.22.5	H-DATA Dyad-Year Unit	201
5.22.6	H-DATA Minister-Date Unit	201
5.22.7	QoG Country-Year Unit	201
5.22.8	REPDEM Cabinet-Party Unit	201
5.22.9	REPDEM Country-Year Unit	201
5.22.10	Repdem Cabinet-Date Unit	202
5.22.11	UCDP Country-Year Unit	202
5.22.12	UCDP Event ID Unit	202
5.22.13	UCDP Organized Violence Country-Year Unit	203
5.22.14	V-Dem Country-Year Unit	203
5.22.15	Complab Country-Year-Track Unit	203
5.22.16	QoG Agency-Fiscal Year Unit	203
5.22.17	QoG Country Unit	204
5.22.18	QoG NUTS Region-Year Unit	204
5.22.19	V-Dem Country-Date Unit	204
5.22.20	V-Dem Party-Country-Year Unit	205
5.22.21	V-Dem Country-Date-Coder Unit	205
5.22.22	V-Dem Party-Date-Coder Unit	206
5.23	QoG Environmental Indicators Dataset	207
5.23.1	QoG Country-Year Unit	207
5.23.2	Complab Country-Year Unit	207
5.23.3	Complab Country-Year-Policy Unit	207
5.23.4	Demscore Country-Year Unit	208
5.23.5	H-DATA Country-Year Unit	208
5.23.6	QoG Agency-Agency Instruction Unit	208
5.23.7	QoG Agency-Fiscal Year Unit	208
5.23.8	QoG Country Unit	208
5.23.9	QoG EQI Perceptions Respondent ID 2017 Unit	209
5.23.10	QoG EQI Respondent ID 2010-2013 Unit	209
5.23.11	QoG EQI Respondent ID 2017 Unit	209
5.23.12	QoG EQI Respondent ID 2021 Unit	209
5.23.13	QoG Municipality-Year Unit	209
5.23.14	QoG NUTS Region-Year Unit	210
5.23.15	QoG NUTS2 Region Unit	210
5.23.16	REPDEM Cabinet-Party Unit	210
5.23.17	REPDEM Country-Year Unit	210
5.23.18	Repdem Cabinet-Date Unit	210
5.23.19	UCDP Country-Year Unit	211

5.23.20	UCDP Event ID Unit	211
5.23.21	UCDP Organized Violence Country-Year Unit	211
5.23.22	V-Dem Country-Year Unit	212
5.23.23	Complab Country-Year-Track Unit	212
5.23.24	H-DATA Dyad-Year Unit	212
5.23.25	H-DATA Minister-Date Unit	213
5.23.26	V-Dem Country-Date Unit	213
5.23.27	V-Dem Party-Country-Year Unit	213
5.23.28	V-Dem Country-Date-Coder Unit	214
5.23.29	V-Dem Party-Date-Coder Unit	214
5.24	QoG EQI Regional Level 2021 (with all NUTS2 regions)	215
5.24.1	QoG NUTS2 Region Unit	215
5.24.2	QoG NUTS Region-Year Unit	215
5.24.3	QoG Country-Year Unit	215
5.24.4	QoG EQI Perceptions Respondent ID 2017 Unit	216
5.24.5	QoG EQI Respondent ID 2010-2013 Unit	216
5.24.6	QoG EQI Respondent ID 2017 Unit	216
5.24.7	QoG EQI Respondent ID 2021 Unit	217
5.24.8	Demscore Country-Year Unit	217
5.24.9	QoG Agency-Agency Instruction Unit	217
5.24.10	QoG Agency-Fiscal Year Unit	218
5.24.11	REPDEM Country-Year Unit	218
5.24.12	UCDP Country-Year Unit	219
5.24.13	UCDP Organized Violence Country-Year Unit	219
5.25	QoG European Quality of Government Index CATI - Country Level (2021)	220
5.25.1	QoG Country-Year Unit	220
5.25.2	Complab Country-Year Unit	220
5.25.3	Complab Country-Year-Policy Unit	220
5.25.4	Demscore Country-Year Unit	221
5.25.5	H-DATA Country-Year Unit	221
5.25.6	QoG Agency-Agency Instruction Unit	221
5.25.7	QoG Agency-Fiscal Year Unit	221
5.25.8	QoG Country Unit	222
5.25.9	QoG EQI Perceptions Respondent ID 2017 Unit	222
5.25.10	QoG EQI Respondent ID 2010-2013 Unit	222
5.25.11	QoG EQI Respondent ID 2017 Unit	222
5.25.12	QoG EQI Respondent ID 2021 Unit	222
5.25.13	QoG Municipality-Year Unit	223
5.25.14	QoG NUTS Region-Year Unit	223
5.25.15	QoG NUTS2 Region Unit	223
5.25.16	Repdem Cabinet-Date Unit	223
5.25.17	UCDP Country-Year Unit	223
5.25.18	UCDP Event ID Unit	224
5.25.19	UCDP Organized Violence Country-Year Unit	224
5.25.20	V-Dem Country-Year Unit	224
5.25.21	Complab Country-Year-Track Unit	225
5.25.22	H-DATA Dyad-Year Unit	225
5.25.23	H-DATA Minister-Date Unit	225
5.25.24	REPDEM Cabinet-Party Unit	226
5.25.25	REPDEM Country-Year Unit	226
5.25.26	V-Dem Country-Date Unit	226
5.25.27	V-Dem Party-Country-Year Unit	227

5.25.28	V-Dem Country-Date-Coder Unit	227
5.25.29	V-Dem Party-Date-Coder Unit	227
5.26	QoG European Quality of Government Index Individual Level (2010 & 2013)	229
5.26.1	QoG EQI Respondent ID 2010-2013 Unit	229
5.27	QoG European Quality of Government Index Individual Level (2017)	230
5.27.1	QoG EQI Respondent ID 2017 Unit	230
5.28	QoG European Quality of Government Index Individual Level (2021)	231
5.28.1	QoG EQI Respondent ID 2021 Unit	231
5.29	QoG European Quality of Government Index Regional Level (2010, 2013, 2017 & 2021)	232
5.29.1	QoG NUTS Region-Year Unit	232
5.29.2	QoG Agency-Agency Instruction Unit	232
5.29.3	QoG Agency-Fiscal Year Unit	233
5.29.4	QoG Country Unit	233
5.29.5	QoG Country-Year Unit	233
5.29.6	QoG EQI Perceptions Respondent ID 2017 Unit	233
5.29.7	QoG EQI Respondent ID 2010-2013 Unit	233
5.29.8	QoG EQI Respondent ID 2017 Unit	234
5.29.9	QoG EQI Respondent ID 2021 Unit	234
5.29.10	QoG Municipality-Year Unit	234
5.29.11	QoG NUTS2 Region Unit	234
5.29.12	Complab Country-Year Unit	234
5.29.13	Demscore Country-Year Unit	235
5.29.14	H-DATA Country-Year Unit	235
5.29.15	REPDEM Cabinet-Party Unit	235
5.29.16	REPDEM Country-Year Unit	236
5.29.17	Repdem Cabinet-Date Unit	236
5.29.18	UCDP Country-Year Unit	236
5.29.19	UCDP Organized Violence Country-Year Unit	237
5.29.20	V-Dem Country-Year Unit	237
5.29.21	H-DATA Dyad-Year Unit	237
5.29.22	H-DATA Minister-Date Unit	238
5.30	QoG EU Regional Dataset Long Data	239
5.30.1	QoG NUTS Region-Year Unit	239
5.30.2	QoG Agency-Agency Instruction Unit	240
5.30.3	QoG Agency-Fiscal Year Unit	240
5.30.4	QoG Country Unit	240
5.30.5	QoG Country-Year Unit	240
5.30.6	QoG EQI Perceptions Respondent ID 2017 Unit	240
5.30.7	QoG EQI Respondent ID 2010-2013 Unit	241
5.30.8	QoG EQI Respondent ID 2017 Unit	241
5.30.9	QoG EQI Respondent ID 2021 Unit	241
5.30.10	QoG Municipality-Year Unit	241
5.30.11	QoG NUTS2 Region Unit	242
5.30.12	Complab Country-Year Unit	242
5.30.13	Demscore Country-Year Unit	242
5.30.14	H-DATA Country-Year Unit	242
5.30.15	REPDEM Cabinet-Party Unit	243
5.30.16	REPDEM Country-Year Unit	243
5.30.17	Repdem Cabinet-Date Unit	243
5.30.18	UCDP Country-Year Unit	244
5.30.19	UCDP Organized Violence Country-Year Unit	244
5.30.20	V-Dem Country-Year Unit	244



5.30.21	H-DATA Dyad-Year Unit	245
5.30.22	H-DATA Minister-Date Unit	245
5.31	QoG EU Regional Dataset Wide Data (NUTS 1)	247
5.31.1	QoG NUTS Region-Year Unit	247
5.31.2	QoG Agency-Agency Instruction Unit	248
5.31.3	QoG Agency-Fiscal Year Unit	248
5.31.4	QoG Country Unit	248
5.31.5	QoG Country-Year Unit	248
5.31.6	QoG EQI Perceptions Respondent ID 2017 Unit	248
5.31.7	QoG EQI Respondent ID 2010-2013 Unit	249
5.31.8	QoG EQI Respondent ID 2017 Unit	249
5.31.9	QoG EQI Respondent ID 2021 Unit	249
5.31.10	QoG Municipality-Year Unit	249
5.31.11	QoG NUTS2 Region Unit	250
5.31.12	Complab Country-Year Unit	250
5.31.13	Demscore Country-Year Unit	250
5.31.14	H-DATA Country-Year Unit	250
5.31.15	REPDEM Cabinet-Party Unit	251
5.31.16	REPDEM Country-Year Unit	251
5.31.17	Repdem Cabinet-Date Unit	251
5.31.18	UCDP Country-Year Unit	252
5.31.19	UCDP Organized Violence Country-Year Unit	252
5.31.20	V-Dem Country-Year Unit	252
5.31.21	H-DATA Dyad-Year Unit	253
5.31.22	H-DATA Minister-Date Unit	253
5.32	QoG EU Regional Dataset Wide Data (NUTS 2)	255
5.32.1	QoG NUTS Region-Year Unit	255
5.32.2	QoG Agency-Agency Instruction Unit	256
5.32.3	QoG Agency-Fiscal Year Unit	256
5.32.4	QoG Country Unit	256
5.32.5	QoG Country-Year Unit	256
5.32.6	QoG EQI Perceptions Respondent ID 2017 Unit	256
5.32.7	QoG EQI Respondent ID 2010-2013 Unit	257
5.32.8	QoG EQI Respondent ID 2017 Unit	257
5.32.9	QoG EQI Respondent ID 2021 Unit	257
5.32.10	QoG Municipality-Year Unit	257
5.32.11	QoG NUTS2 Region Unit	258
5.32.12	Complab Country-Year Unit	258
5.32.13	Demscore Country-Year Unit	258
5.32.14	H-DATA Country-Year Unit	258
5.32.15	REPDEM Cabinet-Party Unit	259
5.32.16	REPDEM Country-Year Unit	259
5.32.17	Repdem Cabinet-Date Unit	259
5.32.18	UCDP Country-Year Unit	260
5.32.19	UCDP Organized Violence Country-Year Unit	260
5.32.20	V-Dem Country-Year Unit	260
5.32.21	H-DATA Dyad-Year Unit	261
5.32.22	H-DATA Minister-Date Unit	261
5.33	QoG Expert Survey 2020	263
5.33.1	QoG Country Unit	263
5.33.2	Complab Country-Year Unit	263
5.33.3	H-DATA Country-Year Unit	264

5.33.4	QoG Country-Year Unit	264
5.33.5	QoG NUTS2 Region Unit	264
5.33.6	Repdem Cabinet-Date Unit	264
5.33.7	UCDP Event ID Unit	265
5.33.8	V-Dem Country-Year Unit	265
5.33.9	Demscore Country-Year Unit	265
5.33.10	H-DATA Minister-Date Unit	265
5.33.11	QoG Agency-Agency Instruction Unit	266
5.33.12	QoG Agency-Fiscal Year Unit	266
5.33.13	QoG EQI Perceptions Respondent ID 2017 Unit	267
5.33.14	QoG EQI Respondent ID 2010-2013 Unit	267
5.33.15	QoG EQI Respondent ID 2017 Unit	267
5.33.16	QoG EQI Respondent ID 2021 Unit	268
5.33.17	QoG Municipality-Year Unit	268
5.33.18	QoG NUTS Region-Year Unit	268
5.33.19	REPDEM Cabinet-Party Unit	269
5.33.20	REPDEM Country-Year Unit	269
5.33.21	UCDP Country-Year Unit	269
5.33.22	UCDP Organized Violence Country-Year Unit	270
5.33.23	V-Dem Country-Date Unit	270
5.34	QoG OECD Dataset Cross-Section	271
5.34.1	QoG Country Unit	271
5.34.2	QoG Country-Year Unit	271
5.34.3	QoG NUTS2 Region Unit	272
5.34.4	Complab Country-Year Unit	272
5.34.5	Demscore Country-Year Unit	272
5.34.6	H-DATA Country-Year Unit	272
5.34.7	QoG Agency-Agency Instruction Unit	273
5.34.8	QoG Agency-Fiscal Year Unit	273
5.34.9	QoG EQI Perceptions Respondent ID 2017 Unit	273
5.34.10	QoG EQI Respondent ID 2010-2013 Unit	274
5.34.11	QoG EQI Respondent ID 2017 Unit	274
5.34.12	QoG EQI Respondent ID 2021 Unit	274
5.34.13	QoG Municipality-Year Unit	275
5.34.14	QoG NUTS Region-Year Unit	275
5.34.15	REPDEM Cabinet-Party Unit	275
5.34.16	REPDEM Country-Year Unit	276
5.34.17	Repdem Cabinet-Date Unit	276
5.34.18	UCDP Country-Year Unit	276
5.34.19	UCDP Event ID Unit	277
5.34.20	UCDP Organized Violence Country-Year Unit	277
5.34.21	V-Dem Country-Year Unit	277
5.34.22	H-DATA Minister-Date Unit	278
5.34.23	V-Dem Country-Date Unit	278
5.35	QoG OECD Dataset Time-Series	279
5.35.1	QoG Country-Year Unit	279
5.35.2	Complab Country-Year Unit	279
5.35.3	Complab Country-Year-Policy Unit	279
5.35.4	Demscore Country-Year Unit	280
5.35.5	H-DATA Country-Year Unit	280
5.35.6	QoG Agency-Agency Instruction Unit	280
5.35.7	QoG Agency-Fiscal Year Unit	280

5.35.8	QoG Country Unit	281
5.35.9	QoG EQI Perceptions Respondent ID 2017 Unit	281
5.35.10	QoG EQI Respondent ID 2010-2013 Unit	281
5.35.11	QoG EQI Respondent ID 2017 Unit	281
5.35.12	QoG EQI Respondent ID 2021 Unit	281
5.35.13	QoG Municipality-Year Unit	282
5.35.14	QoG NUTS Region-Year Unit	282
5.35.15	QoG NUTS2 Region Unit	282
5.35.16	REPDEM Cabinet-Party Unit	282
5.35.17	REPDEM Country-Year Unit	282
5.35.18	Repdem Cabinet-Date Unit	283
5.35.19	UCDP Country-Year Unit	283
5.35.20	UCDP Event ID Unit	283
5.35.21	UCDP Organized Violence Country-Year Unit	283
5.35.22	V-Dem Country-Year Unit	284
5.35.23	Complab Country-Year-Track Unit	284
5.35.24	H-DATA Dyad-Year Unit	284
5.35.25	H-DATA Minister-Date Unit	285
5.35.26	V-Dem Country-Date Unit	285
5.35.27	V-Dem Party-Country-Year Unit	286
5.35.28	V-Dem Country-Date-Coder Unit	286
5.35.29	V-Dem Party-Date-Coder Unit	286
5.36	QoG PERCEIVE Survey Dataset	288
5.36.1	QoG EQI Perceptions Respondent ID 2017 Unit	288
5.37	QoG Politics, Institutions and Services in Swedish Municipalities	289
5.37.1	QoG Municipality-Year Unit	289
5.38	QoG Swedish Agency Database Budget Data	290
5.38.1	QoG Agency-Fiscal Year Unit	290
5.38.2	QoG Agency-Agency Instruction Unit	290
5.38.3	QoG Country-Year Unit	290
5.38.4	Demscore Country-Year Unit	291
5.38.5	QoG Country Unit	291
5.38.6	QoG EQI Perceptions Respondent ID 2017 Unit	291
5.38.7	QoG EQI Respondent ID 2010-2013 Unit	291
5.38.8	QoG EQI Respondent ID 2017 Unit	292
5.38.9	QoG EQI Respondent ID 2021 Unit	292
5.38.10	QoG NUTS Region-Year Unit	292
5.38.11	REPDEM Cabinet-Party Unit	293
5.38.12	REPDEM Country-Year Unit	293
5.38.13	UCDP Country-Year Unit	293
5.38.14	UCDP Organized Violence Country-Year Unit	294
5.38.15	QoG NUTS2 Region Unit	294
5.39	QoG Swedish Agency Database Formal Instruction Data	295
5.39.1	QoG Agency-Agency Instruction Unit	295
5.39.2	QoG Agency-Fiscal Year Unit	295
5.39.3	QoG Country-Year Unit	295
5.39.4	Demscore Country-Year Unit	296
5.39.5	QoG Country Unit	296
5.39.6	QoG EQI Perceptions Respondent ID 2017 Unit	296
5.39.7	QoG EQI Respondent ID 2010-2013 Unit	297
5.39.8	QoG EQI Respondent ID 2017 Unit	297
5.39.9	QoG EQI Respondent ID 2021 Unit	297

5.39.10	QoG NUTS Region-Year Unit . . . . .	297
5.39.11	REPDEM Cabinet-Party Unit . . . . .	298
5.39.12	REPDEM Country-Year Unit . . . . .	298
5.39.13	UCDP Country-Year Unit . . . . .	298
5.39.14	UCDP Organized Violence Country-Year Unit . . . . .	299
5.39.15	QoG NUTS2 Region Unit . . . . .	299
5.40	QoG Standard Dataset Cross-Section . . . . .	300
5.40.1	QoG Country Unit . . . . .	300
5.40.2	QoG Country-Year Unit . . . . .	300
5.40.3	QoG NUTS2 Region Unit . . . . .	301
5.40.4	Complab Country-Year Unit . . . . .	301
5.40.5	Demscore Country-Year Unit . . . . .	301
5.40.6	H-DATA Country-Year Unit . . . . .	301
5.40.7	QoG Agency-Agency Instruction Unit . . . . .	302
5.40.8	QoG Agency-Fiscal Year Unit . . . . .	302
5.40.9	QoG EQI Perceptions Respondent ID 2017 Unit . . . . .	302
5.40.10	QoG EQI Respondent ID 2010-2013 Unit . . . . .	303
5.40.11	QoG EQI Respondent ID 2017 Unit . . . . .	303
5.40.12	QoG EQI Respondent ID 2021 Unit . . . . .	303
5.40.13	QoG Municipality-Year Unit . . . . .	304
5.40.14	QoG NUTS Region-Year Unit . . . . .	304
5.40.15	REPDEM Cabinet-Party Unit . . . . .	304
5.40.16	REPDEM Country-Year Unit . . . . .	305
5.40.17	Repdem Cabinet-Date Unit . . . . .	305
5.40.18	UCDP Country-Year Unit . . . . .	305
5.40.19	UCDP Event ID Unit . . . . .	306
5.40.20	UCDP Organized Violence Country-Year Unit . . . . .	306
5.40.21	V-Dem Country-Year Unit . . . . .	306
5.40.22	H-DATA Minister-Date Unit . . . . .	307
5.40.23	V-Dem Country-Date Unit . . . . .	307
5.41	QoG Standard Dataset Time-Series . . . . .	308
5.41.1	QoG Country-Year Unit . . . . .	308
5.41.2	Complab Country-Year Unit . . . . .	308
5.41.3	Complab Country-Year-Policy Unit . . . . .	308
5.41.4	Demscore Country-Year Unit . . . . .	309
5.41.5	H-DATA Country-Year Unit . . . . .	309
5.41.6	QoG Agency-Agency Instruction Unit . . . . .	309
5.41.7	QoG Agency-Fiscal Year Unit . . . . .	309
5.41.8	QoG Country Unit . . . . .	310
5.41.9	QoG EQI Perceptions Respondent ID 2017 Unit . . . . .	310
5.41.10	QoG EQI Respondent ID 2010-2013 Unit . . . . .	310
5.41.11	QoG EQI Respondent ID 2017 Unit . . . . .	310
5.41.12	QoG EQI Respondent ID 2021 Unit . . . . .	310
5.41.13	QoG Municipality-Year Unit . . . . .	311
5.41.14	QoG NUTS Region-Year Unit . . . . .	311
5.41.15	QoG NUTS2 Region Unit . . . . .	311
5.41.16	REPDEM Cabinet-Party Unit . . . . .	311
5.41.17	REPDEM Country-Year Unit . . . . .	311
5.41.18	Repdem Cabinet-Date Unit . . . . .	312
5.41.19	UCDP Country-Year Unit . . . . .	312
5.41.20	UCDP Event ID Unit . . . . .	312
5.41.21	UCDP Organized Violence Country-Year Unit . . . . .	312

5.41.22	V-Dem Country-Year Unit	313
5.41.23	Complab Country-Year-Track Unit	313
5.41.24	H-DATA Dyad-Year Unit	313
5.41.25	H-DATA Minister-Date Unit	314
5.41.26	V-Dem Country-Date Unit	314
5.41.27	V-Dem Party-Country-Year Unit	314
5.41.28	V-Dem Country-Date-Coder Unit	315
5.41.29	V-Dem Party-Date-Coder Unit	315
5.42	REPDEM PAGED Monthly Party Codes	317
5.42.1	REPDEM Cabinet-Month Unit	317
5.43	REPDEM PAGED Quarterly Party Codes	318
5.43.1	REPDEM Cabinet-Quarter Unit	318
5.44	REPDEM PAGED Yearly Party Codes	319
5.44.1	REPDEM Cabinet-Year Unit	319
5.45	REPDEM PAGED Party Codes	320
5.45.1	Repdem Cabinet-Date Unit	320
5.45.2	Complab Country-Year Unit	320
5.45.3	Complab Country-Year-Policy Unit	321
5.45.4	Demscore Country-Year Unit	321
5.45.5	H-DATA Country-Year Unit	321
5.45.6	H-DATA Minister-Date Unit	322
5.45.7	QoG Country-Year Unit	322
5.45.8	REPDEM Cabinet-Party Unit	322
5.45.9	REPDEM Country-Year Unit	322
5.45.10	UCDP Country-Year Unit	322
5.45.11	UCDP Event ID Unit	323
5.45.12	UCDP Organized Violence Country-Year Unit	323
5.45.13	V-Dem Country-Date Unit	323
5.45.14	V-Dem Country-Year Unit	324
5.45.15	Complab Country-Year-Track Unit	324
5.45.16	H-DATA Dyad-Year Unit	324
5.45.17	QoG Agency-Fiscal Year Unit	325
5.45.18	QoG Country Unit	325
5.45.19	QoG NUTS Region-Year Unit	325
5.45.20	V-Dem Party-Country-Year Unit	326
5.45.21	V-Dem Country-Date-Coder Unit	326
5.45.22	V-Dem Party-Date-Coder Unit	327
5.46	REPDEM PAGED Party Strings	328
5.46.1	Repdem Cabinet-Date Unit	328
5.46.2	Complab Country-Year Unit	328
5.46.3	Complab Country-Year-Policy Unit	329
5.46.4	Demscore Country-Year Unit	329
5.46.5	H-DATA Country-Year Unit	329
5.46.6	H-DATA Minister-Date Unit	330
5.46.7	QoG Country-Year Unit	330
5.46.8	REPDEM Cabinet-Party Unit	330
5.46.9	REPDEM Country-Year Unit	330
5.46.10	UCDP Country-Year Unit	331
5.46.11	UCDP Event ID Unit	331
5.46.12	UCDP Organized Violence Country-Year Unit	331
5.46.13	V-Dem Country-Date Unit	332
5.46.14	V-Dem Country-Year Unit	332

5.46.15	Complab Country-Year-Track Unit . . . . .	332
5.46.16	H-DATA Dyad-Year Unit . . . . .	332
5.46.17	QoG Agency-Fiscal Year Unit . . . . .	333
5.46.18	QoG Country Unit . . . . .	333
5.46.19	QoG NUTS Region-Year Unit . . . . .	334
5.46.20	V-Dem Party-Country-Year Unit . . . . .	334
5.46.21	V-Dem Country-Date-Coder Unit . . . . .	334
5.46.22	V-Dem Party-Date-Coder Unit . . . . .	335
5.47	REPDEM Party Dataset Party Codes . . . . .	336
5.47.1	REPDEM Cabinet-Party Unit . . . . .	336
5.48	REPDEM Party Dataset Party Strings . . . . .	337
5.48.1	REPDEM Cabinet-Party Unit . . . . .	337
5.49	REPDEM PAGED Monthly Party Strings . . . . .	338
5.49.1	REPDEM Cabinet-Month Unit . . . . .	338
5.50	REPDEM PAGED Quarterly Party Strings . . . . .	339
5.50.1	REPDEM Cabinet-Quarter Unit . . . . .	339
5.51	REPDEM PAGED Yearly Party Strings . . . . .	340
5.51.1	REPDEM Cabinet-Year Unit . . . . .	340
5.52	REPDEM Potential Governments Dataset Party Strings . . . . .	341
5.52.1	REPDEM Cabinet-Potential Coalition Unit . . . . .	341
5.53	REPDEM Potential Governments Dataset Party Codes . . . . .	342
5.53.1	REPDEM Cabinet-Potential Coalition Unit . . . . .	342
5.54	UCDP Actor Dataset Version 23.1 . . . . .	343
5.54.1	UCDP Actor Unit . . . . .	343
5.55	UCDP Battle-Related Deaths Dataset Conflict Level Version 23.1 . . . . .	344
5.55.1	UCDP Conflict-Year Unit . . . . .	344
5.55.2	UCDP Event ID Unit . . . . .	344
5.55.3	UCDP Peace Agreement-Conflict-Year Unit . . . . .	344
5.56	UCDP Battle-Related Deaths Dataset, Dyadic Level Version 23.1 . . . . .	345
5.56.1	UCDP Dyad-Year Unit . . . . .	345
5.56.2	UCDP Event ID Unit . . . . .	345
5.56.3	UCDP Peace Agreement-Dyad-Year Unit . . . . .	345
5.57	UCDP Dyadic Dataset Version 23.1 . . . . .	346
5.57.1	UCDP Dyad-Year Unit . . . . .	346
5.57.2	UCDP Event ID Unit . . . . .	346
5.57.3	UCDP Peace Agreement-Dyad-Year Unit . . . . .	346
5.58	UCDP External Support Dataset - Actor Year . . . . .	347
5.58.1	UCDP Actor-Dyad-Year Unit . . . . .	347
5.59	UCDP External Support Dataset - Dyad Year . . . . .	348
5.59.1	UCDP Dyad-Year Unit . . . . .	348
5.59.2	UCDP Event ID Unit . . . . .	348
5.59.3	UCDP Peace Agreement-Dyad-Year Unit . . . . .	348
5.60	UCDP External Support in Non-state Conflict Dataset . . . . .	350
5.60.1	UCDP Dyad-Year Unit . . . . .	350
5.60.2	UCDP Event ID Unit . . . . .	350
5.60.3	UCDP Peace Agreement-Dyad-Year Unit . . . . .	350
5.61	UCDP Georeferenced Event Dataset (GED) Version 23.1 . . . . .	351
5.61.1	UCDP Event ID Unit . . . . .	351
5.62	UCDP Non-State Conflict Dataset Version 23.1 . . . . .	352
5.62.1	UCDP Conflict-Year Unit . . . . .	352
5.62.2	UCDP Event ID Unit . . . . .	352
5.62.3	UCDP Peace Agreement-Conflict-Year Unit . . . . .	352

5.63	UCDP Non-state Conflict Issues and Actors Dataset . . . . .	353
5.63.1	UCDP Dyad-Year Unit . . . . .	353
5.63.2	UCDP Event ID Unit . . . . .	353
5.63.3	UCDP Peace Agreement-Dyad-Year Unit . . . . .	353
5.64	UCDP One-sided Violence Dataset Version 23.1 . . . . .	354
5.64.1	UCDP Dyad-Year Unit . . . . .	354
5.64.2	UCDP Event ID Unit . . . . .	354
5.64.3	UCDP Peace Agreement-Dyad-Year Unit . . . . .	354
5.65	UCDP Intrastate Conflict Level Multiple Onset Dataset . . . . .	355
5.65.1	UCDP Country-Year-Conflict Unit . . . . .	355
5.66	UCDP Intrastate Conflict Level Onset Dataset Version 1 . . . . .	356
5.66.1	UCDP Country-Year-Conflict Unit . . . . .	356
5.67	UCDP Intrastate Conflict Level Onset Dataset Version 2 . . . . .	357
5.67.1	UCDP Country-Year Unit . . . . .	357
5.67.2	Complab Country-Year Unit . . . . .	357
5.67.3	Demscore Country-Year Unit . . . . .	357
5.67.4	H-DATA Country-Year Unit . . . . .	358
5.67.5	QoG Country-Year Unit . . . . .	358
5.67.6	REPDEM Cabinet-Party Unit . . . . .	358
5.67.7	REPDEM Country-Year Unit . . . . .	358
5.67.8	Repdem Cabinet-Date Unit . . . . .	358
5.67.9	UCDP Organized Violence Country-Year Unit . . . . .	359
5.67.10	UCDP Peace Agreement-Country-Year Unit . . . . .	359
5.67.11	V-Dem Country-Year Unit . . . . .	359
5.67.12	Complab Country-Year-Policy Unit . . . . .	359
5.67.13	Complab Country-Year-Track Unit . . . . .	360
5.67.14	H-DATA Dyad-Year Unit . . . . .	360
5.67.15	QoG Agency-Fiscal Year Unit . . . . .	360
5.67.16	QoG NUTS Region-Year Unit . . . . .	361
5.67.17	V-Dem Country-Date Unit . . . . .	361
5.67.18	V-Dem Party-Country-Year Unit . . . . .	361
5.67.19	QoG NUTS2 Region Unit . . . . .	362
5.67.20	V-Dem Country-Date-Coder Unit . . . . .	362
5.67.21	V-Dem Party-Date-Coder Unit . . . . .	362
5.68	UCDP Country Year Dataset on Organized Violence within Country Borders version 23.1 . . . . .	364
5.68.1	UCDP Organized Violence Country-Year Unit . . . . .	364
5.68.2	Complab Country-Year Unit . . . . .	364
5.68.3	Demscore Country-Year Unit . . . . .	364
5.68.4	H-DATA Country-Year Unit . . . . .	364
5.68.5	QoG Country-Year Unit . . . . .	365
5.68.6	REPDEM Cabinet-Party Unit . . . . .	365
5.68.7	REPDEM Country-Year Unit . . . . .	365
5.68.8	Repdem Cabinet-Date Unit . . . . .	365
5.68.9	UCDP Country-Year Unit . . . . .	366
5.68.10	UCDP Peace Agreement-Country-Year Unit . . . . .	366
5.68.11	V-Dem Country-Year Unit . . . . .	366
5.68.12	Complab Country-Year-Policy Unit . . . . .	366
5.68.13	Complab Country-Year-Track Unit . . . . .	367
5.68.14	H-DATA Dyad-Year Unit . . . . .	367
5.68.15	QoG Agency-Fiscal Year Unit . . . . .	367
5.68.16	QoG NUTS Region-Year Unit . . . . .	368
5.68.17	V-Dem Country-Date Unit . . . . .	368

5.68.18	V-Dem Party-Country-Year Unit	368
5.68.19	QoG NUTS2 Region Unit	369
5.68.20	V-Dem Country-Date-Coder Unit	369
5.68.21	V-Dem Party-Date-Coder Unit	370
5.69	UCDP Peace Agreement Dataset Version 23.1	371
5.69.1	UCDP Peace Agreement Unit	371
5.69.2	UCDP Peace Agreement-Conflict-Year Unit	371
5.69.3	UCDP Peace Agreement-Country-Year Unit	371
5.69.4	UCDP Peace Agreement-Dyad-Year Unit	371
5.70	UCDP/PRIO Armed Conflict Dataset Version 23.1	372
5.70.1	UCDP Conflict-Year Unit	372
5.70.2	UCDP Event ID Unit	372
5.70.3	UCDP Peace Agreement-Conflict-Year Unit	372
5.71	UCDP Conflict Termination Dataset, Conflict Level Version 3-2021	373
5.71.1	UCDP Conflict-Year Unit	373
5.71.2	UCDP Event ID Unit	373
5.71.3	UCDP Peace Agreement-Conflict-Year Unit	373
5.72	UCDP Conflict Termination Dataset, Dyadic Level Version 3-2021	374
5.72.1	UCDP Dyad-Year Unit	374
5.72.2	UCDP Event ID Unit	374
5.72.3	UCDP Peace Agreement-Dyad-Year Unit	374
5.73	UCDP Violent Political Protest Dataset Version 20.1	375
5.73.1	UCDP Dyad-Year Unit	375
5.73.2	UCDP Event ID Unit	375
5.73.3	UCDP Peace Agreement-Dyad-Year Unit	375
5.74	V-Dem Country-Date v13	376
5.74.1	V-Dem Country-Date Unit	376
5.74.2	H-DATA Cabinet-Date Unit	376
5.74.3	H-DATA Minister-Date Unit	376
5.74.4	Repdem Cabinet-Date Unit	377
5.74.5	V-Dem Country-Date-Coder Unit	377
5.75	V-Dem Coder-Level v13	378
5.75.1	V-Dem Country-Date-Coder Unit	378
5.76	V-Dem Country-Year: V-Dem Full+Others v13	379
5.76.1	V-Dem Country-Year Unit	379
5.76.2	Complab Country-Year Unit	379
5.76.3	Complab Country-Year-Policy Unit	379
5.76.4	Demscore Country-Year Unit	380
5.76.5	H-DATA Cabinet-Date Unit	380
5.76.6	H-DATA Country-Year Unit	380
5.76.7	QoG Country-Year Unit	380
5.76.8	REPDEM Cabinet-Party Unit	380
5.76.9	REPDEM Country-Year Unit	381
5.76.10	Repdem Cabinet-Date Unit	381
5.76.11	UCDP Country-Year Unit	381
5.76.12	UCDP Event ID Unit	381
5.76.13	UCDP Organized Violence Country-Year Unit	382
5.76.14	V-Dem Country-Date Unit	382
5.76.15	V-Dem Party-Country-Year Unit	382
5.76.16	Complab Country-Year-Track Unit	382
5.76.17	H-DATA Dyad-Year Unit	383
5.76.18	H-DATA Minister-Date Unit	383



5.76.19	QoG Agency-Fiscal Year Unit	383
5.76.20	QoG Country Unit	384
5.76.21	QoG NUTS Region-Year Unit	384
5.76.22	V-Dem Country-Date-Coder Unit	384
5.76.23	QoG NUTS2 Region Unit	385
5.77	V-Dem Episodes of Regime Transformation Dataset	386
5.77.1	V-Dem Country-Year Unit	386
5.77.2	Complab Country-Year Unit	386
5.77.3	Complab Country-Year-Policy Unit	386
5.77.4	Demscore Country-Year Unit	387
5.77.5	H-DATA Cabinet-Date Unit	387
5.77.6	H-DATA Country-Year Unit	387
5.77.7	QoG Country-Year Unit	387
5.77.8	REPDEM Cabinet-Party Unit	387
5.77.9	REPDEM Country-Year Unit	388
5.77.10	Repdem Cabinet-Date Unit	388
5.77.11	UCDP Country-Year Unit	388
5.77.12	UCDP Event ID Unit	388
5.77.13	UCDP Organized Violence Country-Year Unit	389
5.77.14	V-Dem Country-Date Unit	389
5.77.15	V-Dem Party-Country-Year Unit	389
5.77.16	Complab Country-Year-Track Unit	389
5.77.17	H-DATA Dyad-Year Unit	390
5.77.18	H-DATA Minister-Date Unit	390
5.77.19	QoG Agency-Fiscal Year Unit	390
5.77.20	QoG Country Unit	391
5.77.21	QoG NUTS Region-Year Unit	391
5.77.22	V-Dem Country-Date-Coder Unit	391
5.77.23	QoG NUTS2 Region Unit	392
5.78	V-Dem V-Party Coder Level v2	393
5.78.1	V-Dem Party-Date-Coder Unit	393
5.79	V-Dem V-Party v2	394
5.79.1	V-Dem Party-Country-Year Unit	394
5.79.2	V-Dem Country-Year Unit	394
5.79.3	V-Dem Party-Date-Coder Unit	394
5.79.4	Complab Country-Year Unit	395
5.79.5	Complab Country-Year-Policy Unit	395
5.79.6	Demscore Country-Year Unit	395
5.79.7	H-DATA Country-Year Unit	396
5.79.8	QoG Country-Year Unit	396
5.79.9	REPDEM Cabinet-Party Unit	396
5.79.10	REPDEM Country-Year Unit	397
5.79.11	Repdem Cabinet-Date Unit	397
5.79.12	UCDP Country-Year Unit	398
5.79.13	UCDP Organized Violence Country-Year Unit	398
5.79.14	V-Dem Country-Date Unit	398
5.79.15	Complab Country-Year-Track Unit	399
5.79.16	H-DATA Dyad-Year Unit	399
5.79.17	H-DATA Minister-Date Unit	400
5.80	IEWS Country-Month Conflict Predictions (Last Input Data: January 2022)	401
5.80.1	IEWS Country-Month Unit	401
5.81	IEWS Country-Month Conflict Predictions (Last Input Data: January 2023)	402

5.81.1	VIEWS Country-Month Unit	402
5.82	VIEWS Country-Month Conflict Predictions (Last Input Data: February 2022)	403
5.82.1	VIEWS Country-Month Unit	403
5.83	VIEWS Country-Month Conflict Predictions (Last Input Data: February 2023)	404
5.83.1	VIEWS Country-Month Unit	404
5.84	VIEWS Country-Month Conflict Predictions (Last Input Data: March 2022)	405
5.84.1	VIEWS Country-Month Unit	405
5.85	VIEWS Country-Month Conflict Predictions (Last Input Data: March 2023)	406
5.85.1	VIEWS Country-Month Unit	406
5.86	VIEWS Country-Month Conflict Predictions (Last Input Data: April 2022)	407
5.86.1	VIEWS Country-Month Unit	407
5.87	VIEWS Country-Month Conflict Predictions (Last Input Data: April 2023)	408
5.87.1	VIEWS Country-Month Unit	408
5.88	VIEWS Country-Month Conflict Predictions (Last Input Data: May 2022)	409
5.88.1	VIEWS Country-Month Unit	409
5.89	VIEWS Country-Month Conflict Predictions (Last Input Data: May 2023)	410
5.89.1	VIEWS Country-Month Unit	410
5.90	VIEWS Country-Month Conflict Predictions (Last Input Data: June 2022)	411
5.90.1	VIEWS Country-Month Unit	411
5.91	VIEWS Country-Month Conflict Predictions (Last Input Data: June 2023)	412
5.91.1	VIEWS Country-Month Unit	412
5.92	VIEWS Country-Month Conflict Predictions (Last Input Data: July 2022)	413
5.92.1	VIEWS Country-Month Unit	413
5.93	VIEWS Country-Month Conflict Predictions (Last Input Data: July 2023)	414
5.93.1	VIEWS Country-Month Unit	414
5.94	VIEWS Country-Month Conflict Predictions (Last Input Data: August 2022)	415
5.94.1	VIEWS Country-Month Unit	415
5.95	VIEWS Country-Month Conflict Predictions (Last Input Data: August 2023)	416
5.95.1	VIEWS Country-Month Unit	416
5.96	VIEWS Country-Month Conflict Predictions (Last Input Data: September 2022)	417
5.96.1	VIEWS Country-Month Unit	417
5.97	VIEWS Country-Month Conflict Predictions (Last Input Data: October 2022)	418
5.97.1	VIEWS Country-Month Unit	418
5.98	VIEWS Country-Month Conflict Predictions (Last Input Data: November 2022)	419
5.98.1	VIEWS Country-Month Unit	419
5.99	VIEWS Country-Month Conflict Predictions (Last Input Data: December 2022)	420
5.99.1	VIEWS Country-Month Unit	420
5.100	VIEWS PRIO-GRID-Month Conflict Predictions (Last Input Data: January 2022)	421
5.100.1	VIEWS PRIO-GRID Cell-Month Unit	421
5.101	VIEWS PRIO-GRID-Month Conflict Predictions (Last Input Data: January 2023)	422
5.101.1	VIEWS PRIO-GRID Cell-Month Unit	422
5.102	VIEWS PRIO-GRID-Month Conflict Predictions (Last Input Data: February 2022)	423
5.102.1	VIEWS PRIO-GRID Cell-Month Unit	423
5.103	VIEWS PRIO-GRID-Month Conflict Predictions (Last Input Data: February 2023)	424
5.103.1	VIEWS PRIO-GRID Cell-Month Unit	424
5.104	VIEWS PRIO-GRID-Month Conflict Predictions (Last Input Data: March 2022)	425
5.104.1	VIEWS PRIO-GRID Cell-Month Unit	425
5.105	VIEWS PRIO-GRID-Month Conflict Predictions (Last Input Data: March 2023)	426
5.105.1	VIEWS PRIO-GRID Cell-Month Unit	426
5.106	VIEWS PRIO-GRID-Month Conflict Predictions (Last Input Data: April 2022)	427
5.106.1	VIEWS PRIO-GRID Cell-Month Unit	427
5.107	VIEWS PRIO-GRID-Month Conflict Predictions (Last Input Data: April 2023)	428

5.107.1 VIEWS PRIO-GRID Cell-Month Unit . . . . .	428
5.108 VIEWS PRIO-GRID-Month Conflict Predictions (Last Input Data: May 2022) . . . . .	429
5.108.1 VIEWS PRIO-GRID Cell-Month Unit . . . . .	429
5.109 VIEWS PRIO-GRID-Month Conflict Predictions (Last Input Data: May 2023) . . . . .	430
5.109.1 VIEWS PRIO-GRID Cell-Month Unit . . . . .	430
5.110 VIEWS PRIO-GRID-Month Conflict Predictions (Last Input Data: June 2022) . . . . .	431
5.110.1 VIEWS PRIO-GRID Cell-Month Unit . . . . .	431
5.111 VIEWS PRIO-GRID-Month Conflict Predictions (Last Input Data: June 2023) . . . . .	432
5.111.1 VIEWS PRIO-GRID Cell-Month Unit . . . . .	432
5.112 VIEWS PRIO-GRID-Month Conflict Predictions (Last Input Data: July 2022) . . . . .	433
5.112.1 VIEWS PRIO-GRID Cell-Month Unit . . . . .	433
5.113 VIEWS PRIO-GRID-Month Conflict Predictions (Last Input Data: July 2023) . . . . .	434
5.113.1 VIEWS PRIO-GRID Cell-Month Unit . . . . .	434
5.114 VIEWS PRIO-GRID-Month Conflict Predictions (Last Input Data: August 2022) . . . . .	435
5.114.1 VIEWS PRIO-GRID Cell-Month Unit . . . . .	435
5.115 VIEWS PRIO-GRID-Month Conflict Predictions (Last Input Data: August 2023) . . . . .	436
5.115.1 VIEWS PRIO-GRID Cell-Month Unit . . . . .	436
5.116 VIEWS PRIO-GRID-Month Conflict Predictions (Last Input Data: September 2022) . . . . .	437
5.116.1 VIEWS PRIO-GRID Cell-Month Unit . . . . .	437
5.117 VIEWS PRIO-GRID-Month Conflict Predictions (Last Input Data: October 2022) . . . . .	438
5.117.1 VIEWS PRIO-GRID Cell-Month Unit . . . . .	438
5.118 VIEWS PRIO-GRID-Month Conflict Predictions (Last Input Data: November 2022) . . . . .	439
5.118.1 VIEWS PRIO-GRID Cell-Month Unit . . . . .	439
5.119 VIEWS PRIO-GRID-Month Conflict Predictions (Last Input Data: December 2022) . . . . .	440
5.119.1 VIEWS PRIO-GRID Cell-Month Unit . . . . .	440
<b>6 Appendix A: Changelog</b>	<b>441</b>

# 1 Explanatory Notes

This document outlines the methodological considerations, choices, and procedures guiding the development of the Demscore project.

The Explanatory Notes provide a general overview of the Demscore project as well as thoughts and intentions when designing the methodology. The rest of the document provides a detailed and transparent documentation of the Demscore methodology by spelling out how the data is harmonized and the common e-infrastructure is constructed.

We begin by briefly introducing each member project as well as each project’s individual datasets included in Demscore. This is followed by a description of how we carried out the work, by adding a translation description to each available Output Unit of each dataset. We also detail the challenges encountered during the harmonization process, including issues such as merging different country identifiers and making aggregation decisions, as well as present the solutions that the Demscore Team and the member projects devised to address these challenges.

We continually review our methodology—and occasionally adjust it—with the goal of improving the quality of Demscore indicators and indices. We therefore issue a new version of this document with each new version of the dataset.

## 1.1 Release Notes v2

The current release of the Demscore project is version 2.0 (codename Mio).

Demscore provides worldwide free access to harmonized data on Democracy, Environment, Migration, Social Policy, Conflict, and Representation from several of the world’s most prominent social science research institutes. The interdisciplinary nature of Demscore data facilitates large-scale comparative analyses. This is essential to advance adequate policy responses to complex societal challenges associated with the Sustainable Development Goals (SDGs) and beyond, facing Sweden, Europe, and the world today.

With a firm commitment to transparency and openness, Demscore v2 enables users to gain comprehensive insights into various topics across the social sciences. The joint infrastructure ensures data integrity and quality at the highest international standards and maximizes usability in the measurement of contextual data with more than 25.000 variables across nearly all countries in the world, from 1750 to the present.

This creates critical time- and cost saving advantages in data collection, management, distribution, and not the least for end-users in the scientific community. Demscore’s unique approach to translating and merging data scales up to a total of 365.097 variable versions available in the infrastructure, storing a total of 9.2 billion non-missing observations.

This collaborative effort between leading Swedish universities pushes the scale of social science data to a new level and offers unprecedented possibilities for interdisciplinary research and knowledge advancement.

These are the key features of Demscore:

1. **Customized Download:** A fully normalized, joint PostgreSQL database, sophisticated programming, and a user-friendly web-based interface for users to generate custom-designed datasets and codebooks for download.
2. **Translations and Data Merges:** Demscore currently offers 1015 merges for dataset and Output Unit combinations.
3. **Metadata:** Demscore takes information on and organization of metadata to new heights with the inclusion of customized codebooks, a detailed methodology document, and a comprehensive handbook.
4. **Handling of Missing Data:** Demscore pioneers in developing an innovative approach to tackle missing data. Researchers can now account for missing values with increased precision, leading to more robust and reliable analyses.
5. **Merge Scores:** Demscore introduces a unique merge mechanism. This powerful tool enables researchers to combine datasets effortlessly, uncovering connections and patterns that were previously hidden in isolated data silos.
6. **Thematic Datasets:** Demscore provides researchers with curated thematic datasets, each focused on a specific topic. These datasets bring together relevant variables from across the Demscore partners, facilitating in-depth investigations and comprehensive analyses of specific domains.
7. **Interactive Web Portal:** In addition to all the above, Demscore’s web portal offers interactive visualization tools, user support and additional information on all partners and data sources.

For more information, please visit <https://www.demscore.se/> or contact [contact@demscore.se](mailto:contact@demscore.se).

## 1.2 New in Demscore version 2 compared to version 1

### 1. Datasets added:

- COMPLAB MIGPOL GLOBALCIT Country-Year Dataset
- COMPLAB MIGPOL DEMIG Policy Dataset
- COMPLAB MIGPOL IMISEM
- COMPLAB MIGPOL IMPIC 2016
- COMPLAB MIGPOL IMPIC Raw Data
- COMPLAB MIGPOL IMPIC Political Rights Dataset
- COMPLAB MIGPOL MIPEX
- H-DATA Historical Cabinets Dataset
- H-DATA Historical Conflict Dataset (Country-Year Level and War level)
- VIEWS Monthly Predictions on PRIO-GRID-Month Level March-August
- VIEWS Monthly Predictions on Country-Month Level March-August

### 2. Datasets updated:

- UCDP Georeferenced Event Dataset (GED) Global version 23.1
- UCDP Country-Year Dataset on Organized Violence within Country Borders version 23.1
- UCDP UCDP/PRIO Armed Conflict Dataset version 23.1
- UCDP Dyadic Dataset version 23.1
- UCDP One-sided Violence Dataset version 23.1
- UCDP Non-State Conflict Dataset version 23.1
- UCDP UCDP Battle-Related Deaths Dataset, Conflict Level, version 23.1
- UCDP Battle-Related Deaths Dataset, Dyadic Level, version 23.1
- UCDP Actor Dataset version 23.1
- UCDP Intrastate Conflict Level Onset Dataset V1 23.1
- UCDP Intrastate Country Level Onset Dataset V2 23.1
- UCDP Intrastate Country Level Multiple Onset Dataset V3 23.1
- COMPLAB SPIN Parental Leave Benefits Dataset (PLB)
- COMPLAB SPIN Child Benefit Dataset (CBD)
- COMPLAB SPIN Social Insurance Entitlements Dataset (SIED)

### 3. Datasets preliminary removed:

- UCDP Interstate Conflict Level Onset Dataset V1 22.1
- UCDP Interstate Country Level Onset Dataset V2 22.1
- Interstate Country Level Multiple Onset Dataset V3 22.1

### 4. Demscore Web Interface

- New Graphing Tools: Five new graphing tools are available for users to visually explore the data:
  - Comparison Graph
  - Bubble Chart
  - Radar Graph
  - Comparison Bubble Graph
  - Multiple Variable Graph.
- Updated Graphing Tools: The Country Graph and the Variable Graph were improved. They now provide more information on the selected variables and allow users to more easily compare values by adding an option to display the normalized values (on a 0-1 scale) for each variable.
- Additional Download Option available: The Demscore website now offers all 120 full datasets plus their corresponding codebooks as an additional download option. Users can download a full dataset including the Demscore merge columns and pick any additional variables they need from the download interface in the same format to extend the dataset.

- Two new thematic datasets: The thematic datasets on “Migration”, and “Unemployment, Labour Market, and Out-of-Work Benefits” combine all variables in Demscore related to these two topics.

## 5. Merging and Translating

- 16 additional translation functions enable 216 new dataset-to-output unit combinations.
- With these new translation functions, Demscore v2 now includes 134 direct Output-Unit to Output-Unit translations, and 174 indirect Output Unit to Output Unit translations.
- In total, Demscore v2 stores 365.097 (compared to 309.580 in v1) variable files from which users can create their customised datasets in 47 (compared to 43 in v1) different formats.

## 6. Aggregations

- Changed aggregation method to merge V-Dem V-Party Data with Country-Year data: Instead of merging the party that held the highest seat share for each country-year to country-year data, Demscore now uses the new Party-System Index to combine data from V-Party with data collected on a country year level in a more meaningful way. These twelve additional indices are created from the V-Party dataset and measure political parties’ attitudes towards democratic norms, religion, economic policies and gender-based exclusion for the party system as a whole, as well as for government and opposition parties separately.

## 7. Bugs fixed

- In Demscore v1, missing values in three datasets (V-Dem Country-Year Full and Others, V-Dem V-Party, and V-Dem Coder Level) were set to -11111, which is Demscore’s default value for “missing from merge” (see codebook). Missing values in these datasets are now true missings again.
- In Demscore v1, country name adjustments for country name differences within a project were made when creating the unit table grid for datasets with a similar unit of analysis. This led to the problem that some variables would not have a match for some countries when they were downloaded in their original Output Unit. This is now fixed by adjusting the country names at an earlier stage, when creating the Demscore unit identifier columns. The original data remains unchanged.
- Minor adjustments to differences in Demscore country identifier columns that were not handled before, hence leading to some countries not always matching (Czechia in particular).

## 1.3 Suggested Citation

The Demscore project does not have a formal citation of its own. Hence, when using Demscore, we suggest that you cite the respective projects and datasets. We indicate how every dataset is to be cited in the autogenerated codebook you retrieve with your data download, both in the dataset description and the codebook entry for each variable. Typically, citing the dataset from which a variable originates is adequate; however, in some cases, a specific citation for the variable may be provided within the codebook entry. For these cases, please also add the variable specific citation to the reference list of your publication. Full references are linked in the codebook entries of the variables and listed in the codebook’s bibliography. We suggest you to also cite this document when using data retrieved through Demscore.

## 1.4 License

The Demscore data does not have a formal license of its own. However, we ask that you follow the respective licenses mentioned in the dataset descriptions, and if applicable, variable specific licenses mentioned in the variable entries.

## 1.5 List of included Datasets

These are the datasets of each member project included in Demscore:

### COMPLAB

Data download: <https://www.spin.su.se/datasets>

- COMPLAB SPIN The Child Benefit Dataset (CBD)
- COMPLAB SPIN The Out-of-Work Benefits Dataset (OUTWB)
- COMPLAB SPIN The Parental Leave Benefit Dataset (PLB)
- COMPLAB SPIN The Social Assistance and Minimum Income Protection Interim Dataset (SAMIP)
- COMPLAB SPIN The Social Citizenship Indicator Program (SCIP)
- COMPLAB SPIN The Social Insurance Entitlements Dataset (SIED)
- COMPLAB SPIN The Student Support and Fees Dataset (SSFD)
- COMPLAB SPIN The Housing Benefits Dataset (HBEN)
- COMPLAB GRACE - Governing the Anthropocene
- COMPLAB MIGPOL GLOBALCIT Country-Year Dataset
- COMPLAB MIGPOL DEMIG Policy Dataset
- COMPLAB MIGPOL IMISEM
- COMPLAB MIGPOL IMPIC 2016
- COMPLAB MIGPOL IMPIC Raw Data
- COMPLAB MIGPOL IMPIC Political Rights Dataset
- COMPLAB MIGPOL MIPEX

### H-DATA

Data download: <https://www.su.se/english/research/research-projects/h-data/datasets-1.610144>

- H-DATA Information Capacity Dataset
- H-DATA Foreign Minister Dataset
- H-DATA Diplomatic Representation Dataset
- H-DATA Historical Cabinets Dataset
- H-DATA Historical Conflict Dataset (Country-Year Level and War level)

### QoG

Data download: <https://www.gu.se/en/quality-government/qog-data/data-downloads>

- QoG Environmental Indicators Dataset
- QoG EU Regional Dataset Long Data
- QoG EU Regional Dataset Wide Data (NUTS 1)
- QoG EU Regional Dataset Wide Data (NUTS 2)
- QoG European Quality of Government Index Regional Level 2010-2021 (Time-series, retrospectively updated after Brexit)
- QoG European Quality of Government Index Individual Level (2010-2013)
- QoG European Quality of Government Index Individual Level (2017)
- QoG European Quality of Government Index Individual Level (EQI 2021)
- QoG European Quality of Government Index Regional Level 2021 (with all NUTS2 regions)
- QoG European Quality of Government Index CATI - Country Level (2021)
- QoG European Quality of Government Index EQI-CATI Country Level 2010-2021 (only phone interviews)

- QoG Expert Survey 2020
- QoG OECD Dataset Cross-Section 2023
- QoG OECD Dataset Time-Series 2023
- QoG PERCEIVE Survey Dataset
- QoG Politics, Institutions and Services in Swedish Municipalities
- QoG Standard Dataset Cross-Section 2023
- QoG Standard Dataset Time-Series 2023
- QoG Swedish Agency Database Budget Data
- QoG Swedish Agency Database Formal Instruction Data

#### REPDEM

Data download: <https://erdda.org/party-government-in-europe-database/>

- REPDEM Party Government in Europe Database with Party Codes (available at Date, Month, Quarter, Year Level)
- REPDEM Party Government in Europe Database with Party Strings (available at Date, Month, Quarter, Year Level)
- REPDEM Party Dataset with Party Codes
- REPDEM Party Dataset with Party Strings
- REPDEM Potential Governments Dataset with Party Codes
- REPDEM Potential Governments Dataset with Party Strings

#### UCDP and ViEWS

Data download: <https://ucdp.uu.se/downloads/>,  
<https://viewsforecasting.org/resources/#downloads>

- UCDP Georeferenced Event Dataset (GED) Global version 23.1
- UCDP Country-Year Dataset on Organized Violence within Country Borders version 23.1
- UCDP UCDP/PRIO Armed Conflict Dataset version 23.1
- UCDP Dyadic Dataset version 23.1
- UCDP One-sided Violence Dataset version 23.1
- UCDP Non-State Conflict Dataset version 23.1
- UCDP UCDP Battle-Related Deaths Dataset, Conflict Level, version 23.1
- UCDP Battle-Related Deaths Dataset, Dyadic Level, version 23.1
- UCDP Actor Dataset version 23.1
- UCDP ID translation tables for Conflict, Actor and Dyad IDs
- UCDP Conflict Termination Dataset version, Conflict Level, 3-2021
- UCDP Conflict Termination Dataset version, Dyadic Level, 3-2021
- UCDP Peace Agreement Dataset
- UCDP Intrastate Conflict Level Onset Dataset V1 23.1
- UCDP Intrastate Country Level Onset Dataset V2 23.1
- UCDP Intrastate Country Level Multiple Onset Dataset V3 23.1
- UCDP Non-state Conflict Issues and Actors Dataset
- UCDP External Support in Non-state Conflict Dataset
- UCDP External Support Dataset Triad-Year
- UCDP External Support Dataset Dyad-Year
- UCDP External Support Dataset Actor-Year
- UCDP ViEWS Monthly PRIO-GRID forecasts



- UCDP VIEWS Monthly Country forecasts

V-Dem

Data download: <https://www.v-dem.net/data/>

- V-Dem Coder-Level: V-Dem v13
- V-Dem Country-Date: V-Dem v13
- V-Dem Country-Year: V-Dem Full+Others
- V-Dem ERT
- V-Dem V-Party v2
- V-Dem V-Party Coder Level v2

## 1.6 Data Harmonization Process

In order to present data merged from different sources in a consistent way, we have developed a systematic data harmonization process. The input data is structured in the form of datasets i.e. tables with rows and columns. These datasets contain different units of analysis, usually identified by one or more variables/columns in the dataset. The data harmonization process consists of comparing and mapping units between different datasets in order to make data available in other sets of units in the most proper way. The harmonization process is described in detail in this section.

**Dataset Unit:** A Dataset Unit, e.g. *Country-Year*, describes the level at which observations for a dataset are collected. Observations are stored as rows in a table. In order to find a specific observation, e.g. information on a specific country for a given year, special table columns are needed as identifiers. Comparable to page numbers in a book, these columns help us find the location of the table row that contains the values for each variable of interest for a given observation i.e. a given country and year. The information necessary to identify these rows may be stored in a single or in a combination of several identifier columns. In the most common example for datasets that have the Country-Year Dataset Unit, the country and year information is each stored in a separate column.

**Output Unit:** An Output Unit, e.g. QoG Country-Year, is defined as an output format in which variables can be retrieved from one or more datasets through a strictly defined output grid. A unit table defining this output grid contains unit identifier columns with `u_` prefixes and the table is sorted based on these unit identifier columns and has a fixed number of rows. An Output Unit has specific definitions for the level at which observations are presented, e.g. country definitions. For example, variables from a QoG dataset may have been collected under QoG country definitions, but in Demscore can also be retrieved through a V-Dem Output Unit which follows V-Dem country definitions.

**Primary Unit:** A Primary Unit to a dataset is an Output Unit in which all variables from the dataset can be retrieved without any loss of information or data quality.

**Unit Dimensions:** The Unit Dimension is the number of dimensions at which the observations in a dataset are expressed.

Notes: Definitions of important concepts in the Demscore Methodology

### 1.6.1 Identifying the Unit(s) of a Dataset

Units of analysis may be recorded in one or several columns of a dataset, that alone or in combination uniquely identify each row in the dataset. In most cases we use the words ‘column’ and ‘variable’ interchangeably. Rows in wide-format time-series datasets for instance are often identified by a combination of a country and a year variable. Rows usually contain observations in the form of one row per unique combination of values in the unit columns. Unit columns are based on the columns that constitute a Dataset Unit. They are added to the original dataset and marked by a unit prefix (consisting of a `u_` and the dataset unit name) before the original variable name. Unit columns can contain slightly modified data, e.g. NAs are replaced by a default value. Sometimes we add additional columns to the unit table, for instance if a dataset includes both a `country_id` column with a numeric country code, we add the variable storing the full country name to the unit table as well for better readability.

Most units in Demscore can be categorized into one of the following groups, namely area units, time units, and agent units.

Area units are used to describe the locational properties of an observation. Area units can be fixed over time (coordinates, grids, polygons), or varying over time (country borders).

Time units are used to describe the temporal properties of an observation. A common time unit in datasets is the "date" representing a full day, or the "year" representing a full year.

Agent units are used to describe the involved subjects or objects of an observation. One or more agents (individuals, groups, countries, governments, parties, etc.) can be associated with each observation.

Unit Dimensions describe the number of identifying columns necessary to describe a single observation. For example, an observation may be uniquely identified by a single country or person, as is the case in cross-sectional data, this would be a single unit dimension. An observation may also be uniquely identified by a single country and a single year, as is the case in panel data, this would be a two-unit dimension. There is no limit to possible unit dimensions as an observation can have multiple area units, time units, agent units, and other types of units even for a single observation.

A dataset may thus have e.g. as a unit Country-Year recorded in the two columns named 'country' and 'year' and cover e.g. all countries from 1990 to 2021. Another dataset may also have as a unit Country-Year, but recorded in the two columns named 'Country\_id' and 'Year' and cover e.g. European countries from 1944 to 2015. The process of reconciling such two very similar identifying unit combinations across two datasets is described in the next subsection.

### 1.6.2 Combining similar Units across Datasets to create Output Units

Several datasets within the same subproject may have very similar units. That is, if more than one dataset within a project has the combination of columns containing e.g. the country and year as their identifying unit, we take the union (from set theory) of the country-year combinations from each dataset with similar units and define the result as an Output Unit. Internally we define an Output Unit using a 'unit table' containing the union of the values of the unit columns from the respective datasets with similar units. If only one dataset within a project has a unit column combination as its identifying unit, the Output Unit consists of values only from the unit columns of this dataset. Please see the example below for an illustration of the above.

While Dataset A of Project X for example has observations for European countries from 1944 to 2015, Dataset B for project X has observations for all countries from 1990 to 2021. The Country-Year unit table for Project X will have rows for European countries from 1944 to 1989 and also rows for all countries from 1990 to 2021. In other words, a unit table always covers all possible combinations of unit values in the identifier columns of datasets with the same dataset unit.

The above is illustrated using the following example based on a subset of the data above: Member Project X has two datasets available, Dataset A and Dataset B. Dataset A is a table with three columns, called country, year and var\_1 with corresponding values in five rows. Dataset A has the Unit Country-Year, meaning each row in the dataset is identified by a unique combination of countries and years.

Table 1: Project X: Dataset A

country	year	var_1
ITA	1988	1
ITA	1989	2
ITA	1990	3
DEU	2013	4
DEU	2014	5
DEU	2015	6

Dataset B is a table with three columns Country\_id, Year and var\_2, with corresponding values in eight rows. It also has Country-Year as its unit, meaning each row in the dataset is identified by a unique combination of countries and years. Please note that Dataset B contains some country and year combinations that can be found in Dataset A as well, but also country and year combinations that are not included in Dataset A.

Table 2: Project X: Dataset B

<b>Country_id</b>	<b>Year</b>	<b>var_2</b>
ITA	1990	a
ITA	1991	b
ITA	1992	c
DEU	2015	d
DEU	2016	e
DEU	2017	f
NPL	2005	g
NPL	2006	h
NPL	2007	i

We first identify a unit grid, i.e. unit table for datasets with common dataset units, in this case the Country-Year unit for Dataset A and Dataset B. The Country-Year Unit Table for Project X contains all country-year combinations from Dataset A and also all country-year combinations from Dataset B without duplicates.

Table 3: Unit Table for Project X Country-Year Unit

<b>u_x_cy_country</b>	<b>u_x_cy_year</b>
ITA	1988
ITA	1989
ITA	1990
ITA	1991
ITA	1992
DEU	2013
DEU	2014
DEU	2015
DEU	2016
DEU	2017
NPL	2005
NPL	2006
NPL	2007

The unit identifying columns begin with `u_` and are separate from the individual dataset columns. They can be included in the downloaded dataset if a checkbox is selected in the download interface. The new variables `u_x_cy_country` and `u_x_cy_year` ensure that we did not need to edit the original dataset columns in order to define an Output Unit and unit identifiers. The `u_` prefix determines that this column is a new unit identifier, `u_x_cy` is a unit identifier tag that identifies the unit (e.g. Project X Country Year Unit), and the suffix describes the content of the column (e.g. `_country` or `_year`). Note that the newly created `u_` column may contain the same information as the columns that are used to create it, but in a different form, e.g. country names instead of three letter country codes.

If a user now selects the Output Unit Project X Country-Year Unit, and also selects the variables `var_1` from Dataset A and `var_2` from Dataset B, or even both at the same time to be expressed in this Output Unit, they receive a new dataset with twelve rows sorted the same as the unit table and containing the selected variables.

Table 4: New Dataset from Selection of Variables from Datasets A and B

<b>u_x_cy_country</b>	<b>u_x_cy_year</b>	<b>var_1</b>	<b>var_2</b>
ITA	1988	1	-11111
ITA	1989	2	-11111
ITA	1990	3	a
ITA	1991	-11111	b
ITA	1992	-11111	c
DEU	2013	4	-11111
DEU	2014	5	-11111
DEU	2015	6	d
DEU	2016	-11111	e
DEU	2017	-11111	f
NPL	2016	-11111	g
NPL	2017	-11111	h
NPL	2018	-11111	i

*Note:* var\_1 and var\_2 combined in the Project X Country-Year Unit

As Dataset A does not include all country-years included in Dataset B and vice versa, but the unit table encompasses all combinations from both datasets, var\_1 and var\_2 have missing values, indicated through the Demscore code for "missing from merge" (-11111) for those Country-Year combinations not included in their original dataset when retrieved through the Country-Year Output Unit of Project X. If data would be missing in the original variables, these missing observations would carry through and also be missing (e.g. NA/blank cell) in the merged dataset. See below or the Demscore Handbook for more information on missing data in Demscore.

We now have an Output Unit defined through a unit table and can select variables from two different datasets, but until now we have only made datasets available in an Output Unit that is similar to the datasets' original units and within the same project. We can define a Primary Unit for a dataset to be an Output Unit in which the dataset is available in a complete form without any transformations/aggregations/disaggregations necessary. A Dataset expressed in its Primary Unit contains the same content for each observation as in the original dataset. A dataset can be originally tied to one or more Primary Units.

### 1.6.3 Translation between Output Units without Aggregations/Disaggregations

At this point we assume that every dataset has a Primary Unit and an attached unit table. Note that many Output Units may have only been constructed each using only a single dataset.

Note also that Output Units are constructed across datasets within the same member project, but never across datasets from different member projects. The Country-Year unit table for Project X will thus not include Country-Year observations from datasets in Project Y if these country-years only exist in project Y.

We start with the idea that each dataset is available through an Output Unit. We can then focus on how to match and translate between Output Units. The following example illustrates how observations from Dataset C of Project Y are made available in the Output Unit 'Project X Country-Year Unit' by matching countries and years. Dataset C is a table with three columns, called country, year and var\_3 with corresponding values in nine rows. Dataset C has the unit Country-Year, meaning each row in the dataset is identified by a unique combination of countries and years.

Table 5: Project Y: Dataset C

<b>country</b>	<b>year</b>	<b>var_3</b>
ITA	1990	a
ITA	1991	b
ITA	1992	c
DEU	2013	d
DEU	2014	e
DEU	2015	f
ZMB	2019	g
ZMB	2020	h
ZMB	2021	i

We now want to have a new dataset that contains variables from all three datasets (Dataset A and B of Project X and Dataset C of Project Y) in the Output Unit ‘Project X Country-Year Unit’. As observations in Dataset C are also uniquely identified by a combination of country and year, we first create a Country-Year unit table for Project Y.

Table 6: Unit Table for Project Y Country-Year Unit

<b>u_y_cy_country</b>	<b>u_y_cy_year</b>
ITA	1990
ITA	1991
ITA	1992
DEU	2013
DEU	2014
DEU	2015
ZMB	2019
ZMB	2020
ZMB	2021

As Dataset C is the only Dataset in Project Y which is identified by a combination of countries and years, the unit table only includes country and year combinations from Dataset C. We then match the values of var\_3 to country and year combinations in Project X based on the unit columns of both projects. We then end up with a combined dataset looking as follows:

Table 7: New Dataset from Selection of Variables from Datasets A, B, C

<b>u_x_cy_country</b>	<b>u_x_cy_year</b>	<b>var_1</b>	<b>var_2</b>	<b>var_3</b>
ITA	1988	1	-11111	-11111
ITA	1989	2	-11111	-11111
ITA	1990	3	a	a
ITA	1991	-11111	b	b
ITA	1992	-11111	c	c
DEU	2013	4	-11111	d
DEU	2014	5	-11111	e
DEU	2015	6	d	f
DEU	2016	-11111	e	-11111
DEU	2017	-11111	f	-11111
NPL	2016	-11111	g	-11111
NPL	2017	-11111	h	-11111
NPL	2018	-11111	i	-11111

*Note:* var\_3 translated to Output Unit Project X Country-Year Unit

Country-Year combinations from Dataset C not included in the Country-Year unit table of Project X are

lost (ZMB) and Country-Year combinations from the Country-Year unit table of Project X are filled with NAs for var\_3 if those combinations do not exist in Dataset C (NPL).

Translating datasets thus means that datasets expressed in a certain Output Unit are made available in another Output Unit. Translations between Output Units require matching of units and often also aggregations or disaggregations. In some cases, observations from one Output Unit can simply be matched to observations from another Output Unit. Matching is defined as matching units to each other without any necessary aggregations or disaggregations, e.g. matching V-Dem country definitions to QoG country definitions when translating between the V-Dem Country-Year Unit and the QoG Country-Year Unit.

#### 1.6.4 Translation between Output Units requiring Aggregations/Disaggregations

For other translations, we need to aggregate a dataset first to be able to translate its observations to the desired Output Unit. Aggregations are defined as either reducing the number of unit dimensions or by aggregating to a higher-level unit e.g. Country-Date to Country-Year. Disaggregations are defined as either increasing the number of unit dimensions or by disaggregating to a more lower-level unit e.g. Country Year to Country Date.

Sometimes we can first aggregate a dataset and then match it to another Output Unit. E.g. datasets available in the H-DATA Minister-Date Output Unit can be aggregated to a country-year level, which allows us to match between H-DATA Country-Year observation and datasets from other projects available in a country-year Output Unit. The methods used to adjust variables to match the aggregations, disaggregations, and matching may differ by dataset and variable depending on the nature of the variable, e.g. it may make sense to aggregate deaths across several areas using sum, but to use a different aggregation function for other variables.

The following example illustrates how a dataset covering observations per country and date is aggregated to a country-year level and finally translated to the Project X Country-Year Unit.

Dataset D of Project Y is a table with four columns, called country, year, var\_4 and var\_5 with corresponding values in nine rows. var\_4 is a string variable and var\_5 is a numeric variable. Dataset D has the Primary Unit 'Project Y Country-Date Unit', meaning each row in the dataset is identified by a unique combination of countries and dates.

Table 8: Project Y: Dataset D available through Project Y Country-Year Unit

<u>u_y_cy_country</u>	<u>u_y_cy_date</u>	<u>var_4</u>	<u>var_5</u>
ITA	03-02-1988	a	1
ITA	04-03-1989	b	2
ITA	05-04-1990	c	3
DEU	18-09-2013	d	4
DEU	23-09-2013	e	5
DEU	30-10-2013	f	6
DEU	24-08-2014	g	7
SWE	25-07-1993	h	8
SWE	16-05-1995	i	9

In a first step, we aggregate Dataset D to a Country-Year level. Please note that var\_4 and var\_5 are treated differently during the aggregation. The column var\_4 is aggregated using the first value per country and year (i.e. the value on the earliest day in the year). However, column var\_5 is aggregated using the sum of all values with the same country and year. Hence, observations of var\_4 for DEU 23-09-2013 and DEU 30-10-2013 are dropped. For var\_5, which is a numeric variable, Project X suggested to summarize the values for all observations in the given Country-Year. Finally, we create an additional year column and drop the date column. We then have Dataset D available at the country-year level, i.e. with one observation per country and year combination:

Table 9: Project Y: Dataset D (aggregated)

<u>u_y_cy_country</u>	<u>year</u>	<u>var_4</u>	<u>var_5</u>
ITA	1988	a	1
ITA	1989	b	2
ITA	1990	c	3
DEU	2013	d	15
DEU	2014	g	7
SWE	1993	h	8
SWE	1995	i	9

The resulting temporary table can then be matched with the Unit Table from Project X Country-Year Unit.

Thus, we can retrieve variables from Country-Year Datasets in Project X such as `var_1` and `var_2` from Datasets A and B together with variables from Project Y, namely the Country-Year Dataset C and even variables `var_4` and `var_5` from the Country-Date Dataset D in a new combined dataset:

Table 10: New Dataset from Selection of Variables from Datasets A, B, C, D

<u>u_x_cy_country</u>	<u>u_x_cy_year</u>	<u>var_1</u>	<u>var_2</u>	<u>var_3</u>	<u>var_4</u>	<u>var_5</u>
ITA	1988	1	-11111	-11111	a	1
ITA	1989	2	-11111	-11111	b	2
ITA	1990	3	a	a	c	3
ITA	1991	-11111	b	b	-11111	-11111
ITA	1992	-11111	c	c	-11111	-11111
DEU	2013	4	-11111	d	d	15
DEU	2014	5	-11111	e	g	7
DEU	2015	6	d	f	-11111	-11111
DEU	2016	-11111	e	-11111	-11111	-11111
DEU	2017	-11111	f	-11111	-11111	-11111
NPL	2016	-11111	g	-11111	-11111	-11111
NPL	2017	-11111	h	-11111	-11111	-11111
NPL	2018	-11111	i	-11111	-11111	-11111

*Note:* `var_3`, `var_4` and `var_5` translated to the Country-Year Output Unit of Project X

Country-Year combinations from Dataset D not included in the Country-Year unit table of Project X are aggregated but dropped during the translation (SWE), and country-year combinations from the Country-Year unit table of Project X are filled with NAs for `var_3`, `var_4`, and `var_5` because those combinations do not exist in Datasets C and D (NPL).

## 1.7 Further Notes on Data Harmonization

### 1.7.1 Translation Directionality

Please note that translations between Output Units differ by direction, i.e. the translation from V-Dem Country Year Unit to QoG Country Year Unit is different than from QoG Country Year Unit to V-Dem Country Year Unit. In V-Dem Country Year to QoG Country Year, country-year identifier combinations from V-Dem are dropped that do not exist in QoG. In the QoG Country-Year Unit to V-Dem Country-Year Unit country-year identifier combinations that do not exist in V-Dem are dropped etc.

### 1.7.2 Translation Conflicts

Merge conflicts may occur particularly then when e.g. country definitions differ. If one dataset has a country including colonies, but another dataset does not, how can indivisible concepts such as a democracy score be reconciled? If variables were collected under slightly different country definitions putting their observations side-by-side under a single country definition will invariably result in a loss of data quality for some variables. The resolving of merge conflicts will largely depend on the chosen Output Unit, as the chosen Output Unit will always prioritize the data quality of the units within that Output Unit. This means that when the user

chooses V-Dem Country Year Unit then the translation is done in a way to prioritize data quality for V-Dem variables and if the user chooses QoG Country Year Unit then the translation is done in a way to prioritize data quality for QoG variables. Details on merge procedures and decisions made in the situation of conflicts are documented in this document in the section Dataset-Output Unit Combinations.

### 1.7.3 Aggregation and Disaggregation Methods

Area units can also be disaggregated in to smaller areas by replicating the variable score from the larger area, or multiple areas can also be aggregated to larger areas using an aggregation method (e.g., sum, max, etc.).

Time periods can be disaggregated to shorter time periods by duplicating the same score for each unit during the given time period. Time units may also be aggregated to longer time periods by choosing an aggregation method (e.g. last, min, max, sum, mean, day-weighted mean). The aggregation or disaggregation method can be variable-specific. Data may also include variables on when observations were recorded or received.

Agents may be aggregated (e.g., sum of all agents matching a certain criteria), or disaggregated (e.g. duplicate scores across subactors).

### 1.7.4 Unit Translation Paths

As the number of combinations between datasets and Output Units is very large, Demscore utilizes translation paths in order to minimize the overall number of translations. A translation path can either be direct, i.e. only consist of one step between units that are directly matched to each other, such as two Country-Year units, or it can contain several steps. This means, for example, that in the case that data with the primary unit QoG Municipality Year Unit is translated to V-Dem Country Year Unit, it is first translated to QoG Country Year Unit as an intermediary step. In this way the path between QoG Country Year Unit and V-Dem Country Year Unit is used, and a direct translation between QoG Municipality Year Unit and V-Dem Country Year Unit is not required. In short, the already existing paths from QoG Municipality Year Unit to QoG Country Year Unit and from QoG Country Year Unit to V-Dem Country Year Unit provides a translation from QoG Municipality Year Unit to V-Dem Country Year Unit without any additional code.

Demscore thus prioritizes aggregations between Output Units within the same project or theme and minimizes the translations between Output Units from different projects whenever possible. However, when it is very suitable to do direct translations to Output Units from other projects this is done directly e.g. matching Country Year to Country Year and Country Date to Country Date.

### 1.7.5 Variable naming

To ensure a smooth data harmonization we rename some of the variables from their original datasets. We remove special characters, as well as transform spaces to underscores, and transform to all lower case. When variables from several datasets are chosen and there is a name clash, a dataset specific prefix is added to the variables in the downloaded data file. For instance, the original name of the variable *MinisterPersonalID* from the H-DATA Foreign Minister Dataset is included as *ministerpersonalid* (short form) *hdata\_fomin\_ministerpersonalid* (long form) in Demscore. To search for original variable tags please search for *Original tag* in the respective codebook.

## 1.8 Download Interface

The download interface allows the selection of a main dataset of interest and the interface will respond with a recommended Output Unit. The user can then keep the Output Unit or change it and the interface will respond with a list of available datasets and corresponding variables that can be downloaded for this Output Unit. The received data file contains an automatically merged dataset where the merge procedure follows Demscore recommended methodology. At a later stage different translation methods per variable may be available.

Demscore data can be retrieved from the download interface either **by variable**, **by codebook section**, **by downloader ID**, or **by Output Unit**.

To users who are new to DEMSCORE data, and need to learn more about available datasets and Output Units in order to find the right format and sources for their individual dataset, we advice to use the option by **Output Unit**. Users interested in specific variables can download data by **variable**, and users interested in variables related to a specific topic can download data by **codebook section**. All variables from all datasets are thematically grouped into codebook sections in a PostgreSQL database. This organization enables the



user to easily select all variables across all modules related to their topic of interest available in their Output Unit of interest.

If the purpose of the download is to replicate data, users can download data by **downloader ID**. Each download through the DEMSCORE web interface is assigned a unique downloader ID, allowing exact replicability when shared with other users.

### 1.8.1 Automatic Codebook Generation

The selection from the online download interface triggers a script that generates a codebook that only contains the variables selected in the download interface.

### 1.8.2 Download ID

Each unique selection from the download interface receives a unique download ID. This ID records the Output Unit selection as well as the selected variables and the Demscore version. A separate webpage will allow the entry of the download ID and the user receives the same data files as the original downloader did. The download ID thus serves as a replication identifier allowing for the retrieval of replication data files.

## 1.9 Meta Data Harmonization

The meta data is extracted from the codebooks per dataset. We store meta data in a table in the Demscore PostgreSQL database with one row per variable for all datasets. This table includes codebook entries, variable tags, labels and other variable information in LaTeX format used for generating an automated codebook.

### 1.10 Open source code

To ensure complete reproducibility, the entire source code for the complete data pipeline including all dataset and unit translations are accessible to the public at <https://github.com/demscore/>.

### 1.11 Variable Entry Clarifications

**Long tag:** The long tag is the cleaned name of the variable tag, i.e. we removed special characters, as well as transformed spaces to underscores, and transformed to all lower case. The long tag also contains a dataset tag as a prefix. Long tags are unique identifiers across all Demscore variables. In case there is a variable tag naming clash when selecting variables from several datasets then the long tag is used for both variables that are clashing.

**Original Tag:** Original variable tag from the original dataset.

**Dataset Citation:** Citation for the dataset the variable originates from.

**Variable Citation:** Only necessary for some variables; additional sources that need to be cited in addition to the original dataset when using this variable.

**Merge Scores:** Absolute and relative numbers of non-missing observations for a variable for its original as well as the chosen end Output Unit.

**Description:** Codebook entry from the original codebook of the respective dataset. Please consult the original codebook for further clarifications on the variable entries if necessary.

## 2 Differences in Country Identifiers

A commonly used identifier across datasets in Demscore modules are countries, but country definitions and names often vary. This poses a challenge for merging data. As a general rule, resolving merge conflicts depends on the chosen Output Unit. Merge scripts always prioritize preserving the data quality of the units of that Output Unit. This means that we follow the country definitions of the dataset chosen as Output Unit. When merging from other datasets we only keep combinations that match the chosen Output Unit. While this resolves most merge issues, some conflicts remain due to differences in what territories are included in e.g. "France" over time. Below we list the most notable differences in country definitions that users should pay attention to when using data merged on country identifiers. More detailed information can be found in the explanatory notes of this Methodology Document as well as in the Demscore Handbook.

For differences in the full country names across data sources and how they are adjusted for merges and translations between Output Units in Demscore, see the original Demscore translation functions in our code which is publicly available on: <https://github.com/demscore/>

We want to emphasize that Demscore expresses no opinions on sovereign claims to disputed territories neither through the descriptions below nor through any merge decisions. Nor does Demscore make any judgments concerning which territories qualify as countries.

Please also note that we do not claim the following section with cautionary notes on country merges to be complete. New cases are added continuously.

### 2.1 Cautionary notes regarding country merges

**Armenia, Azerbaijan, Belarus, Georgia, Kazakhstan, Kyrgyzstan, Moldova, Tajikistan, Turkmenistan, Uzbekistan, Ukraine, Estonia, Latvia, Lithuania:**

Included as countries in UCDP/VIEWS from 1991 and onward. V-Dem includes these countries already in 1990, with coding of a country beginning at a point in time when it is judged to have become an effective governance unit or has gained international recognition — whichever comes first. Separation from a larger unit (e.g., an empire) may result in a small temporal overlap between the end of one unit and the beginning of another. Thus, former Soviet republics are coded from 1990 even though the USSR endures formally until 1991.

**Cyprus:**

V-Dem Cyprus does not include areas that are not under the effective control of the Republic of Cyprus during the period of division (1974-). QoG lists Cyprus before and after the division of the island separately, but does not state whether the measurement includes areas that are not under the effective control of the Republic of Cyprus. V-Dem Cyprus and QoG Cyprus are merged together for the years after 1974 nevertheless.

**Eritrea:**

UCDP/VIEWS include Eritrea from 1993 onward. V-Dem codes Eritrea as a separate unit, even during periods of rule by Italy and Ethiopia.<sup>1</sup> Data related to the conflict involving Ethiopia and Eritrea is collected under UCDP Ethiopia for all years prior to 1993. As a result, this case does not allow the merging of country identifiers from V-Dem and UCDP/VIEWS due to the mismatch in country definitions that **goes beyond differently named country identifiers and available combinations of country and year identifiers** between the two projects. This and similar cases are marked in the merged datasets as "missing from mismatch" (code: -22222).

**France:**

COMPLAB: includes Guadeloupe, Martinique, French Guiana, Réunion and Mayotte, Saint Pierre and Miquelon, New Caledonia, French Polynesia, Wallis and Futuna, while Algeria is unspecified.

QoG: prior to 1963 includes Algeria, Complab France is not specified in this regard. COMPLAB France and QoG France are matched nonetheless.

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<sup>1</sup>V-Dem uses their own conceptualization and definition of country units, while UCDP/VIEWS uses Gleditsch and Ward. In V-Dem, a "country" is defined as a political unit enjoying at least some degree of functional and/or formal sovereignty. In UCDP, a state is "either an internationally recognised sovereign government controlling a specified territory, or an internationally unrecognised government controlling a specified territory whose sovereignty is not disputed by another internationally recognised sovereign government previously controlling the same territory". Both projects provide very detailed definitions of their country units, but we want to point out where these different definitions and conceptualizations of countries lead to particularly tricky problems when merging data.

V-Dem & H-DATA: do not include overseas territories. These countries are merged nonetheless.

UCDP/VIEWS use Gleditsch and Ward country identifiers and include Algeria prior to 1963. COMPLAB France and UCDP/VIEWS France are matched nonetheless.

REPDEM: do not specify.

**Kosovo:**

UCDP/VIEWS include Kosovo from 2008 onward. V-Dem codes Kosovo from 1999 onward. Data related to the conflict in Kosovo is collected under UCDP Serbia (Yugoslavia) for all years prior to 2008. As a result, this case does not allow the merging of country identifiers from V-Dem and UCDP/VIEWS due to the mismatch in country definitions that **goes beyond differently named country identifiers and available combinations of country and year identifiers** between the two projects. This and similar cases are marked in the merged datasets as "missing from mismatch" (code: -22222).

**Netherlands, Portugal, Spain, and United States of America:**

COMPLAB:

Netherlands: Bonaire, Sint Eustatius and Saba are excluded.

Portugal: Azores and Madeira are included, while Angola, Cape Verde, Guinea-Bissau, Mozambique, Sao Tome and Principe, and Macau are excluded.

Spain: Canary Islands, Balearic Islands, Ceuta, Melilla, Plazas de soberanía are included.

United States of America: Puerto Rico, American Samoa, Guam, Northern Mariana Islands. and U.S. Virgin Islands are included.

QoG: data are compiled from different sources, the exact country definitions are not always given and thus may differ from COMPLAB country definitions.

V-Dem & H-DATA: Netherlands, Portugal, Spain, United Kingdom and United States of America do not include overseas territories. These countries are merged nonetheless.

UCDP/VIEWS: use Gleditsch and Ward country identifiers.

REPDEM: do not specify.

**Palestine/British Mandate, Palestine/Gaza, and Palestine/West Bank:**

V-Dem includes Palestine/British Mandate, Palestine/Gaza, and Palestine/West Bank. UCDP/VIEWS does not include Palestine, but collects data on events/conflicts happening on Palestinian territories under the location/country border variable for Israel. As a result, this case does not allow the merging of country identifiers from V-Dem and UCDP/VIEWS due to the mismatch in country definitions that **goes beyond differently named country identifiers and available combinations of country and year identifiers** between the two projects. This and similar cases are marked in the merged datasets as "missing from mismatch" (code: -22222).

**Russian Federation:**

V-Dem and H-DATA includes "Russian Federation (the)" for the whole time period of their country-year data. QoG USSR (years before 1992) and QoG Russia (from 1993 onward) are thus both matched to V-Dem and H-DATA "Russian Federation (the)".

**Serbia, Yugoslavia, and modern-day Serbia:**

H-DATA refers to historical Serbia, Yugoslavia, and modern-day Serbia as 'Serbia/Yugoslavia' while QoG includes Yugoslavia (until 1991), Serbia and Montenegro (1992-2005), and Serbia (2006 onward) separately. QoG Yugoslavia, Serbia and Montenegro, and Serbia are thus all merged to H-DATA Serbia/Yugoslavia, accounting for the years.

**Slovenia and Croatia:**

Slovenia and Croatia are included as a country in UCDP/VIEWS from 1992 and onward. V-Dem codes Slovenia from 1989 onward and Croatia from 1991 onward (and from 1941-1944 as the Formally independent state of Croatia).

**Viet Nam, Vietnam North, and Vietnam South:**

QoG Viet Nam and Vietnam North are merged to V-Dem Vietnam, QoG Vietnam South is merged to V-Dem Republic of Vietnam and vice versa.

**Yemen:**

V-Dem Yemen until 1989 is merged to QoG North Yemen.

## 3 Project Descriptions

### 3.1 COMPLAB

Based at Stockholm University, the **Comparative Policy Laboratory (COMPLAB)**, provides vital policy data across three areas: environmental, social, and migration policy.

The **Social Policy Indicators (SPIN)** database provides the foundations for new comparative and longitudinal research on causes and consequences of welfare states. Building on T.H. Marshall's ideas about social citizenship, SPIN makes available comparative data on social rights and duties of citizens, thereby moving research beyond analyses of welfare state expenditures. The SPIN database is instead oriented towards analyses of institutions as manifested in social policy legislation. Data are carefully collected in a coherent and consistent methodological manner to facilitate quantitative research of social policy across time and space. To date, SPIN covers 36 countries, of which several have data on core social policy programs from 1930 to 2019.

More information is available on the project's website: <https://www.sofi.su.se/spin/>

**GRACE, Governing the Anthropocene – Environmental Policy and Outcomes in a Comparative Perspective**, is a longitudinal and comparative study on environmental governance has created a dataset of national policy responses for environmental management and protection in 37 countries for the period 1970-2022.

The **Migration Policy Database (MIGPOL)** consists of a range of indicators compiled on behalf of leading data projects in the field of comparative migration policy research. It also contains original data on the rights of irregular migrants which will soon be added to Demscore.

### 3.2 H-DATA

The **Historical Data Archive (H-DATA)** is a hub of historical country-level data running as far back as the French revolution (1789) and offers unparalleled depth of data and temporality, enabling researchers to answer critical questions about the past but to also understand the origins of, and find historical parallels to, present-day problems.

H-DATA works to collect, integrate, and curate historical data from Demscore's other modules. By adding this long-term historical dimension, H-DATA makes it possible for researchers to study the path dependency of political institutions where changes are incremental or rare thus making long time-series essential to understanding their causes and consequences. By extending data back into time, H-DATA helps deepen and further our understanding of the conditions of the complex global challenges that we face today.

More information is available on the project's website:

<https://www.su.se/english/research/research-projects/h-data>

### 3.3 QOG

The **Quality of Government (QoG)** Institute was founded in 2004 by Professor Bo Rothstein and Professor Sören Holmberg. It is an independent research institute within the Department of Political Science at the University of Gothenburg. QoG is comprised of about 30 researchers who conduct and promote research on the causes, consequences and nature of Good Governance and the Quality of Government (QoG) - that is, trustworthy, reliable, impartial, uncorrupted and competent government institutions.

QoG's award-winning datasets focus on concepts related to quality of government, transparency, and public administration. The main objective of QoG's research is to address the theoretical and empirical problem of how political institutions of high quality can be created and maintained. A second objective is to study the effects of Quality of Government on a number of policy areas, such as health, the environment, social policy, and poverty.

The QoG datasets draw on a number of freely available datasources. More information on how the variables are compiled for different QoG datasets can be found in the respective QoG codebooks available on their website.

More information is available on the project's website:

<https://www.gu.se/en/quality-government>

### 3.4 REPDEM

The **Representative Democracy Data Archive (REPDEM)** presents the comparative data collection efforts undertaken by various research and data infrastructure projects on political institutions, political parties, cabinets and governments in Europe. As a world-leading database for research on the competition for government in Europe, the archive contains unique data on governments, parliaments, political parties, length of government formation periods, bargain rounds, as well as procedures and mechanism for intra-coalition governance, etc.

The latest updates were made in the research infrastructure project Party Government in Europe Database (PAGED). PAGED builds on REPDEM's previous international and comparative projects on European parliamentary democracy.

More information is available on the project's website:

<http://repdem.org>

### 3.5 UCDP and VIEWS

The **Uppsala Conflict Data Program (UCDP)** is the world's main provider of data on organized violence and the oldest ongoing data collection project for civil war, with a history of almost 40 years. Its definition of armed conflict has become the global standard of how conflicts are systematically defined and studied. UCDP produces high-quality data, which are systematically collected, have global coverage, are comparable across cases and countries, and have long time series which are updated annually. Furthermore, the program is a unique source of information for practitioners and policymakers.

UCDP also operates and continuously updates its online database (UCDP Conflict Encyclopedia) on armed conflicts and organised violence, in which information on several aspects of armed conflict such as conflict dynamics and conflict resolution is available. This interactive database offers a web-based system for visualising, handling and downloading data, including ready-made datasets on organized violence and peacemaking, all free of charge.

Data on armed conflicts have been published yearly in the Journal of Peace Research since 1993, in the Human Security Reports since 2005, in the SIPRI Yearbook since 1988, and in the report series States in Armed Conflict (1987-2012). In addition, UCDP researchers regularly publish research on organized violence, its causes, escalation, spread, prevention and resolution, in top scientific journals and books.

More information is available on the project's website:

<https://ucdp.uu.se/>

The **Violence Impacts Early-Warning System (VIEWS)** is an academic research consortium jointly led by Uppsala University and Peace Research Institute Oslo. It unites a diverse range of research initiatives dedicated to exploring novel methodologies for forecasting violent conflict as well as its impacts on society and human development.

The consortium offers an award-winning prediction system that systematically monitors hundreds of structural drivers and complex conflict dynamics, and generates monthly predictions of impending conflict for each country and sub-national location within its scope up to three years into the future.

The VIEWS data provided via the Demscore database is currently limited to forecasts for impending state-based conflict. They are provided as point predictions for the logged and non-logged number of fatalities in a given month and location, as well as dichotomous predictions for the probability that given fatality thresholds will be reached or exceeded in each month and place.

In the near future, they will be accompanied by corresponding predictions for armed conflict between non-state actors, as well as for violence against civilians. As the conflict impacts projects progress, the forecasting system will also be expanded with models that predict the impact of armed conflict on human development.

For more information, please visit the consortium website: <https://viewsforecasting.org/>

### 3.6 V-DEM

Based at the University of Gothenburg, the **Varieties of Democracy (V-Dem)** Research Project takes a comprehensive approach to understanding democratization. This approach encompasses multiple core principles: electoral, liberal, majoritarian, consensual, participatory, deliberative, and egalitarian. Each Principle is represented by a separate index, and each is regarded as a separate outcome in the proposed study. In this manner V-Dem reconceptualizes democracy from a single outcome to a set of outcomes.

In addition, V-Dem breaks down each core principle into its constituent components, each to be measured separately. Components include features such as free and fair elections, civil liberties, judicial independence, executive constraints, gender equality, media freedom, and civil society. Finally, each component is disaggregated into specific indicators.

This fundamentally different approach to democratization is made possible by the V-Dem Database, which measures 450+ indicators annually from 1789 to the present for all countries of the world.

The V-Dem approach stands out, first, as a large global collaboration among scholars with diverse areas of expertise; second, as the first project attempting to explain different varieties of democracy; and third, thanks to the highly disaggregated V-Dem data, the first project to explore causal mechanisms linking different aspects of democracy together.

With five Principal Investigators, 19 Project Managers with special responsibility for issue areas covered in the V-Dem dataset, around 23 Regional Managers, 134 Country Coordinators and more than 4000 Country Experts, the V-Dem project is one of the world's largest social science data collection projects on democracy.

More information is available on the project's website:

<https://www.v-dem.net/>

## 4 Output Unit Descriptions

This section describes every Output Unit identified from datasets included in Demscore. While datasets of some member project all share the same Output Unit (REPDEM, COMPLAB), other projects have datasets available in many different primary Output Units (UCDP, V-Dem, QoG, H-DATA).

We list all datasets from which unique observations in the identifier columns are combined to an Output Unit, i.e. all datasets that share a set of identifier variables and are included in the Output Unit. We further add comments in cases where we adjust the original column on which the Demscore unit identifiers is created because of missing values etc. Finally, we list all Demscore unit identifier columns for each unit.

### 4.1 Complab Country-Year Unit

*Unit explanation:* This Output Unit includes one observation per country and year.

*Datasets:* Datasets in Demscore with this Output Unit, i.e. COMPLAB datasets whose rows can be uniquely identified through a combination of a country and a year variable, are:

COMPLAB SPIN The Child Benefit Dataset (CBD)  
COMPLAB SPIN The Out-of-Work Benefits Dataset (OUTWB)  
COMPLAB SPIN The Parental Leave Benefit Dataset (PLB)  
COMPLAB SPIN The Social Assistance and Minimum Income Protection Interim Dataset (SAMIP)  
COMPLAB SPIN The Social Citizenship Indicator Program (SCIP)  
COMPLAB SPIN The Social Insurance Entitlements Dataset (SIED)  
COMPLAB SPIN The Student Support and Fees Dataset (SSFD)  
COMPLAB SPIN The Housing Benefits Dataset (HBEN)  
COMPLAB GRACE Dataset  
COMPLAB MIGPOL IMPIC 2016 Dataset  
COMPLAB MIGPOL IMPIC Political Rights Dataset  
COMPLAB MIGPOL MIPEX Dataset  
COMPLAB MIGPOL IMISEM Dataset  
GOMPLAB MIGPOL CLOBALCIT Country Year Dataset

*Comments:* If the original dataset only uses an internal numeric country code, we add both a three-letter country code and the full country name to the dataset. If the dataset only uses an internal numeric country code and a three-letter country code, we still add the full country name to the dataset. We aggregate COMPLAB country-year data based on the added full country names.

*Demscore unit identifiers:*

u\_complab\_country\_year\_country  
u\_complab\_country\_year\_year  
u\_complab\_country\_year\_country\_code

### 4.2 Complab Country-Year-Policy Unit

*Unit explanation:* This Output Unit includes one observation per country, year and migration policy. Variables from other datasets and Output Units will only be merged to country, year and migration policies that exist in this Output Unit.

*Datasets:* Datasets in Demscore with this Output Unit, i.e. Complab datasets whose rows can be uniquely identified through a combination of country, a year and a migration policy variable are:  
COMPLAB MIGPOL DEMIG Dataset

*Demscore unit identifiers:*

u\_complab\_country\_year\_policy\_country  
u\_complab\_country\_year\_policy\_year  
u\_complab\_country\_year\_policy\_policy

### 4.3 Complab Country-Year-Track Unit

*Unit explanation:* This Output Unit includes one observation per country, year and migration track. Variables from other datasets and Output Units will only be merged to country, year and migration tracks that exist in this Output Unit.



**Datasets:** Datasets in Demscore with this Output Unit, i.e. Complab datasets whose rows can be uniquely identified through a combination of country, a year and a migration track variable are:  
COMPLAB IMPIC Raw Data Dataset

**Demscore unit identifiers:**

u\_complab\_country\_year\_policy\_country  
u\_complab\_country\_year\_policy\_year  
u\_complab\_country\_year\_policy\_track

#### 4.4 Demscore Country-Year Unit

**Unit explanation:** This Output Unit includes one observation per country and year and covers the full country-year range in Demscore. Between 1789-2022, it uses V-Dem Country names and definitions; the time span prior to 1789 is covered by H-DATA country names. Countries that do not exist in V-Dem are filled in with Gleditsch and Ward country names. This is the case for Bahamas, Belize, Brunei, East Timor, Gambia, Macedonia, Surinam, and Tibet.

The Demscore country-year unit offers a convenient way to explore the data, available observations, and variable translations, as it covers the full country-year range available in Demscore. Users should be aware that the Demscore unit may result in some data quality loss compared to the Module-specific units due to country-merges. Therefore, we recommend users to use the most suitable Module-specific unit for their analyses, and use the Demscore country-year unit predominantly to explore the data.

#### 4.5 H-DATA Cabinet-Date Unit

**Unit explanation:** This Output Unit includes one observation per cabinet and date. Variables from other datasets and Output Units will only be merged to cabinet and date combinations that exist in this Output Unit.

**Datasets:** Datasets in Demscore with this Output Unit, i.e. H-DATA datasets whose rows can be uniquely identified through a combination of cabinet variable and a date variable:  
H-DATA Historical Cabinets Dataset

**Demscore unit identifiers:**

u\_hdata\_cabinet\_date\_cab\_name  
u\_hdata\_cabinet\_date\_cab\_id  
u\_hdata\_cabinet\_date\_country  
u\_hdata\_cabinet\_date\_vdem\_country\_id  
u\_hdata\_cabinet\_date\_cow\_country\_id  
u\_hdata\_cabinet\_date\_date\_in  
u\_hdata\_cabinet\_date\_date\_out

#### 4.6 H-DATA Country-Year Unit

**Unit explanation:** This Output Unit includes one observation per country and year.

**Datasets:** Datasets in Demscore with this Output Unit, i.e. H-DATA datasets whose rows can be uniquely identified through a combination of a country and a year variable, are:  
H-DATA Information Capacity Dataset

**Demscore unit identifiers:**

u\_hdata\_country\_year\_country  
u\_hdata\_country\_year\_year

#### 4.7 H-DATA Country-Year-War Unit

**Unit explanation:** This Output Unit includes one observation per country, year and war. Variables from other datasets and Output Units will only be merged to country, year and war combinations that exist in this Output Unit.

**Datasets:** Datasets in Demscore with this Output Unit, i.e. H-DATA datasets whose rows can be uniquely identified through a combination of country, a year and a war variable are:

H-DATA Historical Conflict Dataset (War version)

***Demscore unit identifiers:***

u\_hdata\_country\_year\_country  
u\_hdata\_country\_year\_war\_min\_year  
u\_hdata\_country\_year\_war\_war\_name  
u\_hdata\_country\_year\_war\_vdem\_country  
u\_hdata\_country\_year\_war\_cowcode

## 4.8 H-DATA Dyad-Year Unit

***Unit explanation:*** The unit for this dataset is a dyad and a year. The dyad consist of two country variables, with country 2 being the country that is diplomatically represented by country 1 in a given year.

***Datasets:*** Datasets in Demscore with this Output Unit, i.e. H-DATA datasets whose rows can be uniquely identified through a combination of a country dyad and a year variable, are:

H-DATA Diplomatic Representation Dataset

***Demscore unit identifiers:***

u\_hdata\_dyad\_year\_country\_one  
u\_hdata\_dyad\_year\_country\_two  
u\_hdata\_dyad\_year\_cowcode\_one  
u\_hdata\_dyad\_year\_cowcode\_two  
u\_hdata\_dyad\_year\_vdem\_one  
u\_hdata\_dyad\_year\_vdem\_two  
u\_hdata\_dyad\_year\_year

## 4.9 H-DATA Minister-Date Unit

***Unit explanation:*** This Output Unit includes observations per foreign minister and the date they got into office.

***Datasets:*** Datasets in Demscore with this Output Unit, i.e. datasets whose rows can be identified trough a combination of a minister and an in-date variable, are:

H-DATA Foreign Minister Dataset

***Comments:*** The original dataset does not provide information on dates stored in one column, but separate columns for year, month and day for both the in- and out-dates for each minister. We thus create an in- and out-date column based on this information and use the in-date column in combination with the foreign minister as the primary unit. In case days, months or years are missing in the original dataset for a minister, we adjusted the dates as follows:

If a minister was still in office at the time of data collection (code = 6666), the out-date is set to 01-06-2017. If in-month, in-day, out-month or out-day is missing (code = 7777), the missing part of the date is set to 01. The year unit columns are duplicates of the in- and out-year columns for each minister and are added to the dataset for aggregations and translations to other units.

***Demscore unit identifiers:***

u\_hdata\_minister\_date\_minister  
u\_hdata\_minister\_date\_country  
u\_hdata\_minister\_date\_date\_in  
u\_hdata\_minister\_date\_date\_out  
u\_hdata\_minister\_date\_year\_in  
u\_hdata\_minister\_date\_year\_out

## 4.10 QoG Agency-Agency Instruction Unit

***Unit explanation:*** This Output Unit includes observations per agency and agency instruction number.

***Datasets:*** Datasets in Demscore with this Output Unit, i.e. QoG datasets whose rows can be identified through a combination of an agency and an agency instruction number, are:

QoG Swedish Agency Database Formal Instruction Data

***Demscore unit identifiers:***

u\_qog\_agency\_inst\_agency\_id, u\_qog\_agency\_inst\_agency\_name, u\_qog\_agency\_inst\_agency\_instruction

## 4.11 QoG Agency-Fiscal Year Unit

***Unit explanation:*** This Output Unit includes one observation per agency and fiscal year.

***Datasets:*** Datasets in Demscore with this Output Unit, i.e. QoG datasets whose rows can be uniquely identified through a combination of an agency and a fiscal year variable, are:  
QoG Swedish Agency Database Budget Data

***Demscore unit identifiers:***

u\_qog\_agency\_year\_agency\_id  
u\_qog\_agency\_year\_agency\_name  
u\_qog\_agency\_year\_agency\_fy

## 4.12 QoG Country Unit

***Unit explanation:*** This Output Unit includes one observation per country.

***Datasets:*** Datasets in Demscore with this Output Unit, i.e. QoG datasets whose rows can be uniquely identified through a country variable, are:

QoG Standard Dataset Cross-Section  
QoG OECD Dataset Cross-Section  
QoG Expert Survey 2020

***Demscore unit identifiers:***

u\_qog\_country\_country  
u\_qog\_country\_ccode  
u\_qog\_country\_ccodealp  
u\_qog\_country\_ccodecow

## 4.13 QoG Country-Year Unit

***Unit explanation:*** This Output Unit includes one observation per country and year.

***Datasets:*** Datasets in Demscore with this Output Unit, i.e. QoG datasets whose rows can be uniquely identified through a combination of a country and a year variable, are:

QoG Standard Dataset Time-Series  
QoG OECD Dataset Time-Series  
QoG European Quality of Government Index EQI-CATI Country Level 2010-2021 (only phone interviews)  
QoG Environmental Indicator Dataset

***Comments:*** QoG has two variables with full country names, cname\_qog and cname. While we use the cname\_qog column of the qog\_std\_ts and qog\_oecd\_ts datasets, the qog\_eqi\_cati\_long dataset only has a cname column. This leads to a problem in the unit table as the country names for France and Cyprus would slightly differ and thus be included separately. We thus adjust the cname in qog\_eqi\_cati\_long to be the same as the cname\_qog in qog\_std\_ts and qog\_oecd\_ts.

***Demscore unit identifiers:***

u\_qog\_country\_year\_country  
u\_qog\_country\_year\_year  
u\_qog\_country\_year\_ccode  
u\_qog\_country\_year\_ccodealp  
u\_qog\_country\_year\_ccodecow

#### 4.14 QoG Municipality-Year Unit

*Unit explanation:* This Output Unit includes one observation per Swedish municipality and year.

*Datasets:* Datasets in Demscore with this Output Unit, i.e. QoG datasets whose rows can be uniquely identified through a combination of a Swedish municipality and a year variable, are:  
QoG Politics, Institutions and Services in Swedish Municipalities

*Demscore unit identifiers:*

u\_qog\_municipality\_year\_municipality  
u\_qog\_municipality\_year\_year

#### 4.15 QoG NUTS2 Region Unit

*Unit explanation:* This Output Unit includes one observation per region.

*Datasets:* Datasets in Demscore with this Output Unit, i.e. QoG datasets whose rows can be uniquely identified through a region, are:  
QoG EQI Regional Level 2021 (with all NUTS2 regions)

*Demscore unit identifiers:*

u\_qog\_region\_region  
u\_qog\_region\_region\_name (only included for better readability, not necessary to identify rows)

#### 4.16 QoG NUTS Region-Year Unit

*Unit explanation:* This Output Unit includes one observation per region and year.

*Datasets:* Datasets in Demscore with this Output Unit i.e. QoG datasets whose rows can be uniquely identified through a combination of a region and a year variable, are:  
QoG EU Regional Dataset Long Data  
QoG EU Regional Dataset Wide Data (NUTS 1)  
QoG EU Regional Dataset Wide Data (NUTS 2)  
QoG European Quality of Government Index EQI-CATI Country Level 2010-2021 (only phone interviews)

*Demscore unit identifiers:*

u\_qog\_region\_year\_region  
u\_qog\_region\_year\_region\_name (only included for better readability, not necessary to identify rows)  
u\_qog\_region\_year\_year

#### 4.17 QoG EQI Respondent ID 2010-2013 Unit

*Unit explanation:* This Output Unit includes one observation per respondent in the 2010 to 2013 round of the EQI survey data.

*Datasets:* Datasets in Demscore with this Output Unit, i.e. QoG datasets whose observation can be uniquely identified by a respondent variable for the 2010 to 2013 round of the EQI survey, are:  
QoG European Quality of Government Index Individual Level (2010 & 2013)

*Comments:* Only after removing missing values in the resp\_id column on QoG's suggestion the column returns no duplicates.

For merging and translation to other Output Units, this Output Unit includes additional unit identifiers for country, year, and region variables.

*Demscore unit identifiers:*

u\_qog\_resp\_eqi\_1013\_resp\_id  
u\_qog\_resp\_eqi\_1013\_year  
u\_qog\_resp\_eqi\_1013\_country  
u\_qog\_resp\_eqi\_1013\_nuts1  
u\_qog\_resp\_eqi\_1013\_nuts2

#### 4.18 QoG EQI Respondent ID 2017 Unit

**Unit explanation:** This Output Unit includes one observation per respondent in the 2017 round of the EQI survey data.

**Datasets:** Datasets in Demscore with this Output Unit, i.e. QoG datasets whose observation can be uniquely identified by a respondent id variable for the 2017 round of the EQI survey, are:  
QoG European Quality of Government Index Individual Level (2017)

**Comments:**

For merging and translation to other Output Units, this Output Unit includes additional unit identifiers for country and region variables.

**Demscore unit identifiers:**

u\_qog\_resp\_eqi\_17\_idfinal, u\_qog\_resp\_eqi\_17\_country, u\_qog\_resp\_eqi\_17\_nuts1, u\_qog\_resp\_eqi\_17\_nuts2

#### 4.19 QoG EQI Respondent ID 2021 Unit

**Unit explanation:** This Output Unit includes one observation per respondent in the 2021 round of the EQI survey data.

**Datasets:** Datasets in Demscore with this Output Unit, i.e. QoG datasets whose observation can be uniquely identified by a respondent id variable for the 2021 round of the EQI survey, are:  
QoG European Quality of Government Index Individual Level (EQI 2021)

**Comments:**

For merging and translation to other Output Units, this Output Unit includes additional unit identifiers for country and region variables.

**Demscore unit identifiers:**

u\_qog\_resp\_eqi\_21\_id\_resp\_id  
u\_qog\_resp\_eqi\_21\_id\_country  
u\_qog\_resp\_eqi\_21\_id\_nuts1  
u\_qog\_resp\_eqi\_21\_id\_nuts2

#### 4.20 QoG EQI Perceptions Respondent ID 2017 Unit

**Unit explanation:** This Output Unit includes one observation per respondent in the EQI PERCEIVE survey data.

**Datasets:** Datasets in Demscore with this Output Unit, i.e. QoG datasets whose observation can be uniquely identified by a respondent id variable for the EQI PERCEIVE survey, are:  
QoG PERCEIVE Survey Dataset

**Comments:**

For merging and translation to other Output Units, this Output Unit includes additional unit identifiers for country and region variables.

**Demscore unit identifiers:**

u\_qog\_resp\_eqi\_perc\_17\_id  
u\_qog\_resp\_eqi\_perc\_17\_country  
u\_qog\_resp\_eqi\_perc\_17\_nuts1  
u\_qog\_resp\_eqi\_perc\_17\_nuts2

#### 4.21 Repdem Cabinet-Date Unit

**Unit explanation:** This Output Unit includes one observation per cabinet and its start date.

**Datasets:** Datasets in Demscore with this Output Unit, i.e. REPDEM datasets whose rows can be uniquely identified through a combination of cabinet variable and its start date, are:  
REPDEM Party Government in Europe Database with Party Codes

**Comments:** We use the start date of the cabinet for this unit.

The start date is defined as the first day of a cabinet's tenure according to the following rank order (whichever occurs first): date that the head of government/cabinet was inaugurated by head of state; the date of investiture vote in parliament; or, if that is not applicable, the date of the general election (or other technical criteria).

The additional unit identifiers are necessary for aggregating/disaggregating the datasets and finally translating them to other Output Units.

**Demscore unit identifiers:**

u\_repdem\_cabinet\_date\_cab\_name  
u\_repdem\_cabinet\_date\_date\_in  
u\_repdem\_cabinet\_date\_date\_out  
u\_repdem\_cabinet\_date\_country  
u\_repdem\_cabinet\_date\_in\_year  
u\_repdem\_cabinet\_date\_out\_year

## 4.22 REPDEM Cabinet-Month Unit

**Unit explanation:** This Output Unit includes one observation per cabinet and year. Variables from other datasets and Output Units will only be merged to country and year combinations that exist in this Output Unit.

**Datasets:** Datasets in Demscore with this Output Unit, i.e. REPDEM datasets whose rows can be uniquely identified through a combination of cabinet variable and a year:

REPDEM PAGED Month Party Strings  
REPDEM PAGED Month Party Codes

**Demscore unit identifiers:**

u\_repdem\_cabinet\_month\_country  
u\_repdem\_cabinet\_month\_year  
u\_repdem\_cabinet\_month\_cab\_name

## 4.23 REPDEM Cabinet-Party Unit

**Unit explanation:** This Output Unit includes one observation per cabinet and party. Variables from other datasets and Output Units will only be merged to country and year combinations that exist in this Output Unit.

**Datasets:** Datasets in Demscore with this Output Unit, i.e. REPDEM datasets whose rows can be uniquely identified through a combination of cabinet variable and a party variable:

REPDEM Party Dataset Party Strings  
REPDEM Party Dataset Party Codes

**Demscore unit identifiers:**

u\_repdem\_cabinet\_party\_cab\_name  
u\_repdem\_cabinet\_party\_partycode  
u\_repdem\_cabinet\_party\_partystr  
u\_repdem\_cabinet\_party\_year  
u\_repdem\_cabinet\_party\_country

## 4.24 REPDEM Cabinet-Potential Coalition Unit

**Unit explanation:** This Output Unit includes one observation per cabinet and potential coalition partners. Variables from other datasets and Output Units will only be merged to country and year combinations that exist in this Output Unit.

**Datasets:** Datasets in Demscore with this Output Unit, i.e. REPDEM datasets whose rows can be uniquely identified through a combination of cabinet variable and a coalition variable:

REPDEM Potential Governments Dataset with Party Codes  
REPDEM Potential Governments Dataset with Party Strings

*Demscore unit identifiers:*

u\_repdem\_cabinet\_pot\_coal\_country  
u\_repdem\_cabinet\_pot\_coal\_cab\_id  
u\_repdem\_cabinet\_pot\_coal\_coalition

#### 4.25 REPDEM Cabinet-Quarter Unit

*Unit explanation:* This Output Unit includes one observation per cabinet and year. Variables from other datasets and Output Units will only be merged to country and year combinations that exist in this Output Unit.

*Datasets:* Datasets in Demscore with this Output Unit, i.e. REPDEM datasets whose rows can be uniquely identified through a combination of cabinet variable and a year:

REPDEM PAGED Quarter Party Strings  
REPDEM PAGED Quarter Party Codes

*Demscore unit identifiers:*

u\_repdem\_cabinet\_quarter\_country  
u\_repdem\_cabinet\_quarter\_quarter  
u\_repdem\_cabinet\_quarter\_cab\_name

#### 4.26 REPDEM Cabinet-Year Unit

*Unit explanation:* This Output Unit includes one observation per cabinet and year. Variables from other datasets and Output Units will only be merged to country and year combinations that exist in this Output Unit.

*Datasets:* Datasets in Demscore with this Output Unit, i.e. REPDEM datasets whose rows can be uniquely identified through a combination of cabinet variable and a year:

REPDEM PAGED Year Party Strings  
REPDEM PAGED Year Party Codes

*Demscore unit identifiers:*

u\_repdem\_cabinet\_year\_country  
u\_repdem\_cabinet\_year\_year  
u\_repdem\_cabinet\_year\_cab\_name

#### 4.27 REPDEM Country-Year Unit

*Unit explanation:* This Output Unit includes one observation per country and year.

*Datasets:* This unit is not an original unit of any REPDEM dataset, but created from an aggregation of the REPDEM PAGED datasets available on a Cabinet-Date level. The unit thus includes one observation per country and year covered by REPDEM data.

*Demscore unit identifiers:*

u\_repdem\_country\_year\_country  
u\_repdem\_country\_year\_year

#### 4.28 UCDP Actor Unit

*Unit explanation:* This Output Unit includes one observation per actor.

*Datasets:* Datasets in Demscore with this Output Unit, i.e. UCDP datasets whose rows can be uniquely identified through an actor identifier variable, are:

UCDP Actor Dataset version 21.1

*Comments:* The unit includes both the actor ID and actor name, while at this point only the actor name is used for translation to other units.

*Demscore unit identifiers:*

u\_ucdp\_actor\_actorid\_new  
u\_ucdp\_actor\_actor\_name

## 4.29 UCDP Actor-Dyad-Year Unit

*Unit explanation:* This Output Unit includes one observation per actor, dyad and year.

*Datasets:* Datasets in Demscore with this Output Unit, i.e. UCDP datasets whose rows can be uniquely identified through a combination of an actor, a dyad and a year variable, are:  
UCDP External Support Dataset: Actor-Year (ESD AY)

*Demscore unit identifiers:*

u\_ucdp\_actor\_dyad\_year\_v181\_actor\_id  
u\_ucdp\_actor\_dyad\_year\_v181\_actor\_name (only added for better readability, not used to identify rows)  
u\_ucdp\_actor\_dyad\_year\_v181\_dyad\_id  
u\_ucdp\_actor\_dyad\_year\_v181\_dyad\_name (only added for better readability, not used to identify rows)  
u\_ucdp\_actor\_dyad\_year\_v181\_year

## 4.30 UCDP Conflict-Year Unit

*Unit explanation:* This Output Unit includes one observation per conflict and year.

*Datasets:* Datasets in Demscore with this Output Unit, i.e. UCDP datasets whose rows can be uniquely identified through a combination of a conflict identifier and a year variable, are:

UCDP One-sided Violence Dataset  
UCDP Non-State Conflict Dataset  
UCDP/PRIO Armed Conflict Dataset  
UCDP Conflict Termination Dataset, Conflict Level

*Demscore unit identifiers:*

u\_ucdp\_conflict\_year\_conflict\_id  
u\_ucdp\_conflict\_year\_year

## 4.31 UCDP Country-Year Unit

*Unit explanation:* This primary output unit includes one observation per country and year.

*Datasets:* Datasets in Demscore with this primary unit, i.e. UCDP datasets whose rows can be uniquely identified through a combination of a country and a year variable, are:  
UCDP Intrastate Country Level Onset Dataset  
UCDP Interstate Country Level Onset Dataset

**DEMSCORE Unit Identifiers:**

u\_ucdp\_country\_year\_gwnoa  
u\_ucdp\_country\_year\_name  
u\_ucdp\_country\_year\_year

## 4.32 UCDP Country-Year-Conflict Unit

*Unit explanation:* This primary output unit includes one observation per country, conflict, and year.

*Datasets:* Datasets in Demscore with this primary unit, i.e. UCDP datasets whose rows can be uniquely identified through a combination of a country, a conflict and a year variable, are:  
UCDP Onset Intra V1  
UCDP Onset Intra Multiple  
UCDP Onset Inter V1  
UCDP Onset Inter Multiple

*Comments:* Missing values in the conflict\_id unit column are filled with the default value -66

*Demscore Unit Identifiers:*



u\_ucdp\_country\_year\_conflict\_gwno\_a  
u\_ucdp\_country\_year\_conflict\_name  
u\_ucdp\_country\_year\_conflict\_year  
u\_ucdp\_country\_year\_conflict\_conflict\_id

### 4.33 UCDP Dyad-Year Unit

*Unit explanation:* This Output Unit includes one observation per dyad and year.

*Datasets:* Datasets in Demscore with this Output Unit, i.e. UCDP datasets whose rows can be uniquely identified through a combination of a dyad identifier and a year variable, are:

UCDP Conflict Termination Dataset, Dyadic Level  
UCDP One-sided Violence Dataset  
UCDP Non-state Conflict Issues and Actors Dataset  
UCDP External Support in Non-state Conflict Dataset  
UCDP Non-State Conflict Dataset  
UCDP Dyadic Dataset  
UCDP Battle-Related Deaths Dataset, Dyadic Level

*Demscore unit identifiers:*

u\_ucdp\_dyad\_year\_dyad\_id  
u\_ucdp\_dyad\_year\_year

### 4.34 UCDP Event ID Unit

*Unit explanation:* This Output Unit includes one observation per event ID.

*Datasets:* Datasets in Demscore with this Output Unit, i.e. UCDP datasets whose rows can be uniquely identified through an event ID, are:

UCDP Georeferenced Event Dataset (GED) Global version 22.1

*Comments:* To aggregate the UCDP Georeferenced Event Dataset and translate it to other datasets, we create additional unit columns for selected variables that are then used for the aggregation and translation steps.

*Demscore unit identifiers:*

u\_ucdp\_gedid  
u\_ucdp\_gedid\_country  
u\_ucdp\_gedid\_year  
u\_ucdp\_gedid\_dyad\_new\_id  
u\_ucdp\_gedid\_conflict\_new\_id  
u\_ucdp\_gedid\_side\_a\_new\_id  
u\_ucdp\_gedid\_side\_b\_new\_id

### 4.35 UCDP Organized Violence Country-Year Unit

*Unit explanation:* This Output Unit includes one observation per country and a year. A country observation refers to the place where violence has occurred, i.e. a country observation is included if organized violence (i.e. an event) has occurred within its borders.

*Datasets:* Datasets in Demscore with this Output Unit, i.e. the UCDP dataset whose rows can be uniquely identified through a combination of a country and a year identifier, is the aggregated version of the UCDP Country Year Dataset on Organized Violence within Country Borders.

*Comments:* Please note that we separate the country-year unit for this dataset from other the other UCDP country-year unit. We create an extra unit for the UCDP Country-Year Dataset on Organized Violence within Country Borders, as the country variable in this dataset refers to the territory of a country, and not for instance the government of a state.

*Demscore unit identifiers:*

u\_ucdp\_orgv\_country\_year\_country\_cy  
u\_ucdp\_orgv\_country\_year\_year\_cy

u\_ucdp\_orgv\_country\_year\_country\_id\_cy

### 4.36 UCDP Peace Agreement Unit

*Unit explanation:* This Output Unit includes one observation per peace agreement.

*Datasets:* Datasets in Demscore with this Output Unit, i.e. UCDP datasets whose rows can be uniquely identified through a peace agreement identifier, are:  
UCDP Peace Agreement Dataset

*Demscore unit identifiers:*

u\_ucdp\_pa\_paid

### 4.37 UCDP Peace Agreement-Conflict-Year Unit

*Unit explanation:* This Output Unit includes one observation per peace agreement, conflict and year. To create this unit we stretch the dataset using the comma-separated observations in the conflict\_id column, i.e. creating one row per conflict\_id.

*Datasets:* Datasets in Demscore with this Output Unit, i.e. UCDP datasets whose rows can be uniquely identified through a peace agreement identifier in combination with a conflict and a year, are:  
UCDP Peace Agreement Dataset

*Demscore unit identifiers:*

u\_ucdp\_pa\_conflict\_year\_paid

u\_ucdp\_pa\_conflict\_year\_dyad\_id

u\_ucdp\_pa\_conflict\_year\_year

### 4.38 UCDP Peace Agreement-Country-Year Unit

*Unit explanation:* This Output Unit includes one observation per peace agreement, country and year. To create this unit we stretch the dataset using the comma-separated observations in the gwno column, i.e. creating one row per country.

*Datasets:* Datasets in Demscore with this Output Unit, i.e. UCDP datasets whose rows can be uniquely identified through a peace agreement identifier in combination with a country and a year, are:  
UCDP Peace Agreement Dataset

*Demscore unit identifiers:*

u\_ucdp\_pa\_country\_year\_paid

u\_ucdp\_pa\_country\_year\_dyad\_id

u\_ucdp\_pa\_country\_year\_year

### 4.39 UCDP Peace Agreement-Dyad-Year Unit

*Unit explanation:* This Output Unit includes one observation per peace agreement, dyad and year. To create this unit we stretch the dataset using the comma-separated observations in the dyad\_id column, i.e. creating one row per dyad\_id.

*Datasets:* Datasets in Demscore with this Output Unit, i.e. UCDP datasets whose rows can be uniquely identified through a peace agreement identifier in combination with a dyad and a year, are:  
UCDP Peace Agreement Dataset

*Demscore unit identifiers:*

u\_ucdp\_pa\_dyad\_year\_paid

u\_ucdp\_pa\_dyad\_year\_dyad\_id

u\_ucdp\_pa\_dyad\_year\_year

### 4.40 UCDP Triad-Year Unit

*Unit explanation:* This Output Unit includes one observation per external supporter, actor, dyad and year.

**Datasets:** Datasets in Demscore with this Output Unit, i.e. UCDP datasets whose rows can be uniquely identified through a combination of an external supporter, an actor, a dyad (Version 18.1) and a year and a year variable, are:

UCDP External Support Dataset: Triad-Year (ESD TY)

**Demscore unit identifiers:**

u\_ucdp\_triad\_year\_v181\_ext\_id  
u\_ucdp\_triad\_year\_v181\_ext\_name (only added for better readability, not used to identify rows)  
u\_ucdp\_triad\_year\_v181\_actor\_id  
u\_ucdp\_triad\_year\_v181\_actor\_name (only added for better readability, not used to identify rows)  
u\_ucdp\_triad\_year\_v181\_dyad\_id  
u\_ucdp\_triad\_year\_v181\_dyad\_name (only added for better readability, not used to identify rows)  
u\_ucdp\_triad\_year\_v181\_year

#### 4.41 V-Dem Country-Date Unit

**Unit explanation:** This Output Unit includes one observation per country and date.

**Datasets:** Datasets in Demscore with this Output Unit, i.e. V-Dem datasets whose rows can be uniquely identified through a combination of a country and a date variable, are:

V-Dem Country Date

**Demscore unit identifiers:**

u\_vdem\_country\_date\_country\_name  
u\_vdem\_country\_date\_date

#### 4.42 V-Dem Country-Date-Coder Unit

**Unit explanation:** This Output Unit includes one observation per coder, country and date.

**Datasets:** Datasets in Demscore with this Output Unit, i.e. V-Dem datasets whose rows can be uniquely identified through a combination of a coder, a country and a date variable, are:

V-Dem Coder-Level

**Demscore unit identifiers:**

u\_vdem\_country\_date\_coder\_country\_text\_id  
u\_vdem\_country\_date\_coder\_historical\_date  
u\_vdem\_country\_date\_coder\_coder\_id

#### 4.43 V-Dem Country-Year Unit

**Unit explanation:** This Output Unit includes one observation per country and year.

**Datasets:** Datasets in Demscore with this Output Unit, i.e. V-Dem datasets whose rows can be uniquely identified through a combination of a country and a year variable, are:

V-Dem Episodes of Regime Transformation Dataset

V-Dem Country-Year: V-Dem Full+Others

**Demscore unit identifiers:**

u\_vdem\_country\_year\_country  
u\_vdem\_country\_year\_year  
u\_vdem\_country\_year\_cowcode

#### 4.44 V-Dem Party-Country-Year Unit

**Unit explanation:** This Output Unit includes one observation per party, country and year.

**Datasets:** Datasets in Demscore with this Output Unit, i.e. V-Dem datasets whose rows can be uniquely identified through a combination of a party identifier, a country identifier and a year variable, are:

V-Dem V-Party

**Comments:** If not for three duplicated party names from party merges within the same year, v2paename

in combination with date would also uniquely identify observations in the dataset. This only impacts three instances in Zimbabwe, Chile, and North Macedonia.

***Demscore unit identifiers:***

u\_vdem\_party\_country\_year\_v2paenname (added for better readability of paid, does not uniquely identify in combination with country and date variable)  
u\_vdem\_party\_country\_year\_v2paid  
u\_vdem\_party\_country\_year\_year  
u\_vdem\_party\_country\_year\_country\_name

#### 4.45 V-Dem Party-Date-Coder Unit

***Unit explanation:*** This Output Unit includes one observation per coder, party, country and date.

***Datasets:*** Datasets in Demscore with this Output Unit, i.e. V-Dem datasets whose rows can be uniquely identified through a combination of a coder ID, party identifier, a country and a date variable, are:  
V-Dem V-Party Coder Level

***Demscore unit identifiers:***

u\_vdem\_party\_date\_coder\_v2paid  
u\_vdem\_party\_date\_coder\_historical\_date  
u\_vdem\_party\_date\_coder\_coder\_id  
u\_vdem\_party\_date\_coder\_country\_text\_id (included for aggregation)

#### 4.46 VIEWS Country-Month Unit

***Unit explanation:*** For each VIEWS dataset, this Output Unit includes one observation per country and month. The set of countries available is derived from the Gleditsch & Ward (1999) list of independent states, while their geographic extent (and country IDs) are determined by the GIS dataset CShapes v.0.6 (Weidmann, Kuse & Gleditsch, 2010). For more information, please visit <https://viewsforecasting.org/methodology/definitions/>.

***Datasets:*** Datasets in Demscore with this Output Unit, i.e. ViEWS datasets whose rows can be uniquely identified through a combination of a country and a month variable, are:

VIEWS Country-Month Conflict Predictions (Last Input Data: January 2022)  
VIEWS Country-Month Conflict Predictions (Last Input Data: February 2022)  
VIEWS Country-Month Conflict Predictions (Last Input Data: March 2022)  
VIEWS Country-Month Conflict Predictions (Last Input Data: April 2022)  
VIEWS Country-Month Conflict Predictions (Last Input Data: May 2022)  
VIEWS Country-Month Conflict Predictions (Last Input Data: June 2022)  
VIEWS Country-Month Conflict Predictions (Last Input Data: July 2022)  
VIEWS Country-Month Conflict Predictions (Last Input Data: August 2022)  
VIEWS Country-Month Conflict Predictions (Last Input Data: September 2022)  
VIEWS Country-Month Conflict Predictions (Last Input Data: October 2022)  
VIEWS Country-Month Conflict Predictions (Last Input Data: November 2022)  
VIEWS Country-Month Conflict Predictions (Last Input Data: December 2022)  
VIEWS Country-Month Conflict Predictions (Last Input Data: January 2023)  
VIEWS Country-Month Conflict Predictions (Last Input Data: January 2023)

***Demscore unit identifiers:***

u\_views\_country\_month\_country\_id  
u\_views\_country\_month\_month\_id  
u\_views\_country\_month\_month  
u\_views\_country\_month\_year  
u\_views\_country\_month\_isoab  
u\_views\_country\_month\_gwcode  
u\_views\_country\_month\_name

#### 4.47 VIEWS PRIO-GRID Cell-Month Unit

***Unit explanation:*** This Output Unit includes one observation per PRIO-GRID Cell and month. A PRIO-GRID cell is derived from PRIO-GRID 2.0, a standardized spatial grid structure consisting of quadratic cells

that jointly cover all areas of the world at a resolution of 0.5 x 0.5 decimal degrees, or approximately 55x55 km around the equator. For more information, please visit <https://viewsforecasting.org/methodology/definitions/>.

**Datasets:** Datasets in Demscore with this Output Unit, i.e. VIEWS datasets whose rows can be uniquely identified through a combination of a prio-grid cell and a month variable, are:

VIEWS PRIO-GRID-Month Conflict Predictions (Last Input Data: January 2022)  
VIEWS PRIO-GRID-Month Conflict Predictions (Last Input Data: February 2022)  
VIEWS PRIO-GRID-Month Conflict Predictions (Last Input Data: March 2022)  
VIEWS PRIO-GRID-Month Conflict Predictions (Last Input Data: April 2022)  
VIEWS PRIO-GRID-Month Conflict Predictions (Last Input Data: May 2022)  
VIEWS PRIO-GRID-Month Conflict Predictions (Last Input Data: June 2022)  
VIEWS PRIO-GRID-Month Conflict Predictions (Last Input Data: July 2022)  
VIEWS PRIO-GRID-Month Conflict Predictions (Last Input Data: August 2022)  
VIEWS PRIO-GRID-Month Conflict Predictions (Last Input Data: September 2022)  
VIEWS PRIO-GRID-Month Conflict Predictions (Last Input Data: October 2022)  
VIEWS PRIO-GRID-Month Conflict Predictions (Last Input Data: November 2022)  
VIEWS PRIO-GRID-Month Conflict Predictions (Last Input Data: December 2022)  
VIEWS PRIO-GRID-Month Conflict Predictions (Last Input Data: January 2023)  
VIEWS PRIO-GRID-Month Conflict Predictions (Last Input Data: January 2023)

**Demscore unit identifiers:**

u\_views\_pg\_month\_pg\_id  
u\_views\_pg\_month\_month\_id

## 5 Datasets and available Output Units

This section lists all datasets and the Output Units in which each dataset is available or made available through unit translation.

The first Output Unit listed is always the primary Output Unit of the dataset. No translation is needed here.

Next, we list the Output Units the dataset is directly translated to because the dataset's primary unit is the same as the Output Unit it is translated to (for instance a dataset with the primary Output Unit country-year is directly translated to all country-year Output Units). This also includes Output Units that are not the same as the primary Output Unit of the dataset, but use aggregation functions that aggregate them to the same Output Unit as the primary unit of the dataset (e.g. the Repdem PAGED Party Codes dataset has Repdem Cabinet-Date as a primary Output Unit, but since it is aggregated to a country-year level when translating Complab SPIN CBD which has country-year as a primary unit, we can translate this dataset-Output Unit combination directly).

Finally, we list Output Units that the dataset is not directly translated. Here we need to use a combination of minimum two direct translation for the dataset to become available in that unit. Hence, the translation between the Dataset-Output Unit combinations are not direct.

We include the translation path at the beginning of each description for available Dataset-Output Unit combinations, indicating whether a translation is direct and - if it is not - which other units it passes to become available in a certain Output Unit.

Please also refer to the Explanatory Notes of this document for more information on the dataset-Output Unit translations.

## 5.1 COMPLAB GRACE - Governing the Anthropocene

**Dataset tag:** complab\_grace

**Output Unit:** COMPLAB Country-Year, i.e., data is collected per country and year.

**Description:** The GRACE data set was originally intended to provide a measure of the extent of state involvement in addressing environmental problems, but can be used for other more generic purposes as well. The rationale for the GRACE data is to base coding on a set of pre-defined environmental policy problems and then search for national-level policy responses addressing those problems.

**Dataset citation:** Duit, Andreas, Sommerer, Thomas and Lim, Sijeong (2023) “The GRACE v.2.0 Data Set” Department of Political Science, Stockholm University.

**License:** Complab datasets are free to use. Although variables have been carefully extracted, processed and analyzed, no warranty is given that the information supplied is free from error. Researchers involved in the establishment of GRACE shall not be liable for any loss suffered through the use of any of this information. References to data should acknowledge the SPIN research infrastructure (see reference below) and the specific data module.

More detailed information on the dataset can be found at the following web page: [tobeadded](#)

**Unit Notes:** The unit for this dataset is country and year. That means each row in the dataset can be identified by one country in combination with a year, using the columns `country_code` (ISO 3-letter-code) and `year` or `country_nr` (ISO numeric code) and `year`.

An additional country column storing the countries’ full names is created as a unit identifier.

Please note that we renamed the original country variables to synchronize Complab country variable names in Demscore.

### 5.1.1 Complab Country-Year Unit

**Translation Path: Complab Country-Year (Primary Output Unit)**

Complab Country-Year is the primary unit.

**Additional information:**

We adjust the full country names in Complab GRACE to the country names used in SPIN when creating the Complab Country-Year Unit. This affects Slovak Republic, which is adjusted to Slovakia, and Korea, Rep. which is adjusted to South Korea.

### 5.1.2 Complab Country-Year-Policy Unit

**Translation Path: Complab Country-Year → Complab Country-Year-Policy**

**Complab Country-Year Unit to Complab Country-Year-Policy Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

### 5.1.3 Complab Country-Year-Track Unit

**Translation Path: Complab Country-Year → Complab Country-Year-Track**

**Complab Country-Year Unit to Complab Country-Year-Track Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

#### **5.1.4 Demscore Country-Year Unit**

**Translation Path: Complab Country-Year → Demscore Country-Year**

##### **Complab Country-Year Unit to Demscore Country-Year Unit translation**

COMPLAB Country-Year is translated to DEMSCORE Country-Year by matching country and year identifiers from both Output Units.

COMPLAB identifier combinations that cannot be matched to DEMSCORE identifier combinations are dropped.

#### **5.1.5 H-DATA Cabinet-Date Unit**

**Translation Path: Complab Country-Year → H-DATA Cabinet-Date**

##### **Complab Country-Year Unit to H-DATA Cabinet-Date Unit translation**

Complab Country-Year observations are matched to the final year a cabinet was in office.

Please note that your selected Complab variables may only contain observations for a subset of countries and years included in their primary Output Unit.

Complab identifier combinations that cannot be matched to H-DATA identifier combinations are dropped, as data-quality for H-DATA variables is prioritized in translations to this unit.

#### **5.1.6 H-DATA Country-Year Unit**

**Translation Path: Complab Country-Year → H-DATA Country-Year**

##### **Complab Country-Year Unit to H-DATA Country-Year Unit translation**

COMPLAB Country-Year is translated to H-DATA Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to H-DATA identifier combinations are dropped, as data-quality for H-DATA variables is prioritized in translations to this unit.

#### **5.1.7 QoG Country-Year Unit**

**Translation Path: Complab Country-Year → QoG Country-Year**

##### **Complab Country-Year Unit to QoG Country-Year Unit translation**

COMAPLB Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

#### **5.1.8 REPDEM Cabinet-Party Unit**

**Translation Path: Complab Country-Year → REPDEM Cabinet-Party**

##### **Complab Country-Year Unit to REPDEM Cabinet-Party Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.



Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

#### **5.1.9 REPDEM Country-Year Unit**

**Translation Path: Complab Country-Year → REPDEM Country-Year**

##### **Complab Country-Year Unit to REPDEM Country-Year Unit translation**

COMPLAB Country-Year is translated to REPDEM Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to REPDEM identifier combinations are dropped, as data-quality for REPDEM variables is prioritized in translations to this unit.

#### **5.1.10 Repdem Cabinet-Date Unit**

**Translation Path: Complab Country-Year → Repdem Cabinet-Date**

##### **Complab Country-Year Unit to Repdem Cabinet-Date Unit translation**

COMPLAB Country-Year observations are matched to the final year a cabinet was in office.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to REPDEM identifier combinations are dropped, as data-quality for REPDEM variables is prioritized in translations to this unit.

#### **5.1.11 UCDP Country-Year Unit**

**Translation Path: Complab Country-Year → UCDP Country-Year**

##### **Complab Country-Year Unit to UCDP Country-Year Unit translation**

COMPLAB Country-Year is translated to UCDP Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to UCDP identifier combinations are dropped, as data-quality for UCDP variables is prioritized in translations to this unit.

##### **Additional information:**

UCDP uses Gleditsch and Ward country identifiers, COMPLAB uses ISO 3166 country codes. We match on country names.

#### **5.1.12 UCDP Event ID Unit**

**Translation Path: Complab Country-Year → UCDP Event ID**

##### **Complab Country-Year Unit to UCDP Event ID Unit translation**

COMPLAB Country-Year is translated to UCDP Events by matching country and year identifiers from both Output Units. Country and year combinations from the starting Output unit are duplicated across all events that occurred with that country-year combination.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to UCDP identifier combinations are dropped

##### **Additional information:**

Please be aware that for this translation, we match Complab Country identifiers to the location variable in

the UCDP GED Dataset.

### **5.1.13 UCDP Organized Violence Country-Year Unit**

**Translation Path: Complab Country-Year → UCDP Organized Violence Country-Year**

#### **Complab Country-Year Unit to UCDP Organized Violence Country-Year Unit translation**

COMPLAB Country-Year is translated to UCDP OV Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to UCDP identifier combinations are dropped, as data-quality for UCDP variables is prioritized in translations to this unit.

#### **Additional information:**

UCDP uses Gleditsch and Ward country identifiers, COMPLAB uses ISO 3166 country codes. We match on country names.

### **5.1.14 V-Dem Country-Year Unit**

**Translation Path: Complab Country-Year → V-Dem Country-Year**

#### **Complab Country-Year Unit to V-Dem Country-Year Unit translation**

Complab Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

### **5.1.15 H-DATA Dyad-Year Unit**

**Translation Path: Complab Country-Year → H-DATA Country-Year → H-DATA Dyad-Year**

#### **Complab Country-Year Unit to H-DATA Country-Year Unit translation**

COMPLAB Country-Year is translated to H-DATA Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to H-DATA identifier combinations are dropped, as data-quality for H-DATA variables is prioritized in translations to this unit.

#### **H-DATA Country-Year Unit to H-DATA Dyad-Year Unit translation**

Country-Years are matched to Country-Years using the country identifier for country 1 in the dyad.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

### **5.1.16 H-DATA Minister-Date Unit**

**Translation Path: Complab Country-Year → H-DATA**

**Country-Year → H-DATA Minister-Date**

#### **Complab Country-Year Unit to H-DATA Minister-Date Unit translation**

NA

### 5.1.17 QoG Agency-Fiscal Year Unit

**Translation Path:** Complab Country-Year → QoG Country-Year → QoG Agency-Fiscal Year

#### **Complab Country-Year Unit to QoG Country-Year Unit translation**

COMAPLB Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

#### **QoG Country-Year Unit to QoG Agency-Fiscal Year Unit translation**

Country-Year data for Sweden is matched to Agency-Year data based on the agency year.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit

### 5.1.18 QoG Country Unit

**Translation Path:** Complab Country-Year → QoG Country → QoG Country-Year

#### **Complab Country-Year Unit to QoG Country Unit translation**

NA

#### **QoG Country Unit to QoG Country-Year Unit translation**

Country is translated to Country-Year by matching Country observations to the most recent Country-Year observations.

Please note that your selected QoG variables may only contain observations for a subset of countries included in their primary Output Unit.

### 5.1.19 QoG Municipality-Year Unit

**Translation Path:** Complab Country-Year → QoG Country-Year → QoG Municipality-Year

#### **Complab Country-Year Unit to QoG Country-Year Unit translation**

COMAPLB Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

#### **QoG Country-Year Unit to QoG Municipality-Year Unit translation**

QoG Country-Year data for Sweden is matched to Municipality-Year data based on year.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit

### 5.1.20 QoG NUTS Region-Year Unit

**Translation Path:** Complab Country-Year → QoG Country-Year → QoG NUTS Region-Year

### **Complab Country-Year Unit to QoG Country-Year Unit translation**

COMAPLB Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

### **QoG Country-Year Unit to QoG NUTS Region-Year Unit translation**

Country-Year is translated to Region-Year by matching country observations to regional observations collected for the NUTS0 level (and thus equal to the country level) and year identifiers to year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit.

#### **5.1.21 V-Dem Country-Date Unit**

**Translation Path: Complab Country-Year → V-Dem Country-Year → V-Dem Country-Date**

### **Complab Country-Year Unit to V-Dem Country-Year Unit translation**

Complab Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

### **V-Dem Country-Year Unit to V-Dem Country-Date Unit translation**

Countries are matched to countries and Year is extracted from Dates. Country-Year observations are then matched and duplicated across Country-Years.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

#### **5.1.22 V-Dem Party-Country-Year Unit**

**Translation Path: Complab Country-Year → V-Dem Country-Year → V-Dem Party-Country-Year**

### **Complab Country-Year Unit to V-Dem Country-Year Unit translation**

Complab Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

### **V-Dem Country-Year Unit to V-Dem Party-Country-Year Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

### 5.1.23 QoG NUTS2 Region Unit

**Translation Path: Complab Country-Year → QoG Country-Year → QoG NUTS Region-Year → QoG NUTS2 Region**

#### **Complab Country-Year Unit to QoG Country-Year Unit translation**

COMAPLB Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

#### **QoG Country-Year Unit to QoG NUTS Region-Year Unit translation**

Country-Year is translated to Region-Year by matching country observations to regional observations collected for the NUTS0 level (and thus equal to the country level) and year identifiers to year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit.

#### **QoG NUTS Region-Year Unit to QoG NUTS2 Region Unit translation**

Observations for 2021 from the QoG Region Year Output Unit are matched to Country-Year.

Please note that the dataset may only contain a subset of regions and years included in its primary Output Unit.

### 5.1.24 V-Dem Country-Date-Coder Unit

**Translation Path: Complab Country-Year → V-Dem Country-Year → V-Dem Country-Date → V-Dem Country-Date-Coder**

#### **Complab Country-Year Unit to V-Dem Country-Year Unit translation**

Complab Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

#### **V-Dem Country-Year Unit to V-Dem Country-Date Unit translation**

Countries are matched to countries and Year is extracted from Dates. Country-Year observations are then matched and duplicated across Country-Years.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

#### **V-Dem Country-Date Unit to V-Dem Country-Date-Coder Unit translation**

Country-Dates are matched to Country-Dates. Country-Date combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit.

### 5.1.25 V-Dem Party-Date-Coder Unit

**Translation Path: Complab Country-Year → V-Dem Country-Year → V-Dem Party-Country-Year → V-Dem Party-Date-Coder**

#### **Complab Country-Year Unit to V-Dem Country-Year Unit translation**

Complab Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from

both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

#### **V-Dem Country-Year Unit to V-Dem Party-Country-Year Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

#### **V-Dem Party-Country-Year Unit to V-Dem Party-Date-Coder Unit translation**

Year is extracted from date. Country-, year- and party identifiers are matched to corresponding country-year-party combinations. Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit.

## 5.2 COMPLAB MIGPOL DEMIG Policy

**Dataset tag:** complab\_migpol\_demig\_policy

**Output Unit:** COMPLAB Country-Year-Policy, i.e., data is collected per country, year and policy.

**Description:** DEMIG POLICY was compiled between 2010 and 2014 as part of the DEMIG project (Determinants of International Migration: A Theoretical and Empirical Assessment of Policy, Origin and Destination Effects) at the International Migration Institute in Amsterdam. It tracks 6,500 migration policy changes (both immigration and emigration) in 45 countries, most of them enacted in the 1945-2013 period. DEMIG POLICY assesses for each policy measure whether it represents a change towards more restrictiveness (coded +1) or less restrictiveness (coded -1) within the existing legal system. Besides this main assessment of change in restrictiveness, every policy change is also coded according to the policy area (border control, legal entry, integration, exit), policy tool (recruitment agreements, work permit, expulsion, quota, regularization, resettlement, carrier sanctions, etc.), migrant group (low- and high-skilled workers, family members, refugees, irregular migrants, students etc.) and migrant origin (all foreign nationalities, EU citizens, specific nationalities etc.) targeted. The database has been compiled by the DEMIG team and reviewed by national migration policy experts.

**Dataset citation:** DEMIG (2015) “DEMIG POLICY version 1.3, Online Edition” Oxford: International Migration Institute, University of Oxford. [www.migrationdeterminants.eu](http://www.migrationdeterminants.eu)

**License:** If you update or complement any aspect of DEMIG POLICY (countries, years, policy dimensions, migrant groups) for your own research, please get in touch with us. In the spirit of sharing data collection efforts with the entire academic community, we would like to make the additional data available on this homepage as an add on to DEMIG POLICY for which you will of course be credited. The DEMIG databases are protected under Directive 96/9/EC of the European Parliament and of the Council of 11 March 1996 on the legal protection of databases. They can be used without restrictions as long as that the DEMIG project is cited accordingly in corresponding publications.

More detailed information on the dataset can be found at the following web page: <https://www.migrationinstitute.org/data/demig-data/demig-policy-1>

**Unit Notes:** The unit for this dataset is country and year. That means each row in the dataset can be identified by one country in combination with a year, using the columns `country_code` (ISO 3-letter-code) and `year` or `country_nr` (ISO numeric code) and `year`.

### 5.2.1 Complab Country-Year-Policy Unit

**Translation Path: Complab Country-Year-Policy (Primary Output Unit)**

Complab Country-Year-Policy is the primary unit.

## 5.3 COMPLAB MIGPOL GLOBALCIT Country-Year

*Dataset tag:* complab\_migpol\_gc\_cy

*Output Unit:* COMPLAB Country-Year, i.e., data is collected per country and year.

*Description:* The GLOBALCIT Citizenship Law Dataset integrates, systematizes and updates information previously included in two online GLOBALCIT databases: the Global Databases on Modes of Acquisition and Loss of Citizenship. Both were compiled by a team of experts at the Global Citizenship Observatory of the European University Institute (EUI). The current dataset (version 2) includes information on the different ways in which citizenship can be acquired and lost around the world. The GLOBALCIT Citizenship Law Dataset is organized around a comprehensive typology of modes of acquisition and loss of citizenship, which outlines, in a systematic way, the various ways in which citizenship can be acquired and lost. For each ‘mode of acquisition’ and ‘mode of loss’ of citizenship the typology outlines a standardized ‘target person’ which allows comparing rules applicable to similar groups across countries. The Dataset covers information on citizenship laws in force in 191 states on 1 January 2020, 2021 and 2022. For selected provisions regarding dual citizenship acceptance (modes A06b, L01, L054) the Dataset also includes longitudinal data back to 1960. The dataset is primarily based on information from datasheets provided by GLOBALCIT country experts that provide a concise representation of relevant legislative provisions for each mode of acquisition and loss and indicate whether changes took place within a particular timeframe. If no GLOBALCIT country expert has been assigned for a particular country, data are primarily retrieved from available country reports and (translations of) national legislation available in the GLOBALCIT repository. In addition, external sources can be deployed if this is deemed necessary, such as national legislation or official translations thereof available from governmental sources or other reliable sources.

*Dataset citation:* Vink, Marteen and van der Baaren, Luuk and Bauböck, Rainer and Džankić, Jelena and Honohan, Iseult and Manby, Bronwen (2023) “GLOBALCIT Citizenship Law Dataset, v2.0, Country-Year-Mode Data (Acquisition)” Published: Global Citizenship Observatory

*License:* The codebook of the GLOBALCIT Citizenship Law Dataset is licensed under a Creative Commons Attribution 4.0 (CC-BY 4.0) International license. If cited or quoted, reference should be made to the full name of the author(s), editor(s), the title, the series and number, the year and the publisher. The data can be used without restrictions as long as that the GLOBALCIT project is cited accordingly in corresponding publications.

More detailed information on the dataset can be found at the following web page: <https://globalcit.eu/databases/globalcit-citizenship-law-dataset/>

**Unit Notes:** The unit for this dataset is country and year. That means each row in the dataset can be identified by one country in combination with a year, using the columns country\_code (ISO 3-letter-code) and year or country\_nr (ISO numeric code) and year.

### 5.3.1 Complab Country-Year Unit

**Translation Path: Complab Country-Year (Primary Output Unit)**

Complab Country-Year is the primary unit.

### 5.3.2 Complab Country-Year-Policy Unit

**Translation Path: Complab Country-Year → Complab Country-Year-Policy**

**Complab Country-Year Unit to Complab Country-Year-Policy Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

### 5.3.3 Complab Country-Year-Track Unit

**Translation Path: Complab Country-Year → Complab Country-Year-Track**



### **Complab Country-Year Unit to Complab Country-Year-Track Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

### **5.3.4 Demscore Country-Year Unit**

**Translation Path: Complab Country-Year → Demscore Country-Year**

#### **Complab Country-Year Unit to Demscore Country-Year Unit translation**

COMPLAB Country-Year is translated to DEMSCORE Country-Year by matching country and year identifiers from both Output Units.

COMPLAB identifier combinations that cannot be matched to DEMSCORE identifier combinations are dropped.

### **5.3.5 H-DATA Cabinet-Date Unit**

**Translation Path: Complab Country-Year → H-DATA Cabinet-Date**

#### **Complab Country-Year Unit to H-DATA Cabinet-Date Unit translation**

Complab Country-Year observations are matched to the final year a cabinet was in office.

Please note that your selected Complab variables may only contain observations for a subset of countries and years included in their primary Output Unit.

Complab identifier combinations that cannot be matched to H-DATA identifier combinations are dropped, as data-quality for H-DATA variables is prioritized in translations to this unit.

### **5.3.6 H-DATA Country-Year Unit**

**Translation Path: Complab Country-Year → H-DATA Country-Year**

#### **Complab Country-Year Unit to H-DATA Country-Year Unit translation**

COMPLAB Country-Year is translated to H-DATA Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to H-DATA identifier combinations are dropped, as data-quality for H-DATA variables is prioritized in translations to this unit.

### **5.3.7 QoG Country-Year Unit**

**Translation Path: Complab Country-Year → QoG Country-Year**

#### **Complab Country-Year Unit to QoG Country-Year Unit translation**

COMAPLB Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

### **5.3.8 REPDEM Cabinet-Party Unit**

**Translation Path: Complab Country-Year → Repdem Cabinet-Party**

Complab Country-Year is the primary unit.

### **5.3.9 REPDEM Country-Year Unit**

**Translation Path: Complab Country-Year → REPDEM Country-Year**

#### **Complab Country-Year Unit to REPDEM Country-Year Unit translation**

COMPLAB Country-Year is translated to REPDEM Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to REPDEM identifier combinations are dropped, as data-quality for REPDEM variables is prioritized in translations to this unit.

### **5.3.10 Repdem Cabinet-Date Unit**

**Translation Path: Complab Country-Year → Repdem Cabinet-Date**

#### **Complab Country-Year Unit to Repdem Cabinet-Date Unit translation**

COMPLAB Country-Year observations are matched to the final year a cabinet was in office.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to REPDEM identifier combinations are dropped, as data-quality for REPDEM variables is prioritized in translations to this unit.

### **5.3.11 UCDP Country-Year Unit**

**Translation Path: Complab Country-Year → UCDP Country-Year**

#### **Complab Country-Year Unit to UCDP Country-Year Unit translation**

COMPLAB Country-Year is translated to UCDP Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to UCDP identifier combinations are dropped, as data-quality for UCDP variables is prioritized in translations to this unit.

### **5.3.12 UCDP Event ID Unit**

**Translation Path: Complab Country-Year → UCDP Event ID**

#### **Complab Country-Year Unit to UCDP Event ID Unit translation**

COMPLAB Country-Year is translated to UCDP Events by matching country and year identifiers from both Output Units. Country and year combinations from the starting Output unit are duplicated across all events that occurred with that country-year combination.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to UCDP identifier combinations are dropped

### **5.3.13 UCDP Organized Violence Country-Year Unit**

**Translation Path: Complab Country-Year → UCDP Organized Violence Country-Year**

#### **Complab Country-Year Unit to UCDP Organized Violence Country-Year Unit translation**

COMPLAB Country-Year is translated to UCDP OV Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to UCDP identifier combinations are dropped, as data-quality for UCDP variables is prioritized in translations to this unit.

#### **5.3.14 V-Dem Country-Year Unit**

**Translation Path: Complab Country-Year → V-Dem Country-Year**

##### **Complab Country-Year Unit to V-Dem Country-Year Unit translation**

Complab Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

#### **5.3.15 H-DATA Dyad-Year Unit**

**Translation Path: Complab Country-Year → H-DATA Country-Year → H-DATA Dyad-Year**

##### **Complab Country-Year Unit to H-DATA Country-Year Unit translation**

COMPLAB Country-Year is translated to H-DATA Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to H-DATA identifier combinations are dropped, as data-quality for H-DATA variables is prioritized in translations to this unit.

##### **H-DATA Country-Year Unit to H-DATA Dyad-Year Unit translation**

Country-Years are matched to Country-Years using the country identifier for country 1 in the dyad.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

#### **5.3.16 H-DATA Minister-Date Unit**

**Translation Path: Complab Country-Year → H-DATA Country-Year → H-DATA Minister-Date**

##### **Complab Country-Year Unit to H-DATA Country-Year Unit translation**

COMPLAB Country-Year is translated to H-DATA Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to H-DATA identifier combinations are dropped, as data-quality for H-DATA variables is prioritized in translations to this unit.

##### **H-DATA Country-Year Unit to H-DATA Minister-Date Unit translation**

Country-Year observations are matched to Country-Year observations based on the final year a minister in a country was in office.

Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

#### **5.3.17 QoG Agency-Fiscal Year Unit**

**Translation Path: Complab Country-Year → QoG Country-Year → QoG Agency-Fiscal Year**

### **Complab Country-Year Unit to QoG Country-Year Unit translation**

COMAPLB Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

### **QoG Country-Year Unit to QoG Agency-Fiscal Year Unit translation**

Country-Year data for Sweden is matched to Agency-Year data based on the agency year.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit

## **5.3.18 QoG Country Unit**

**Translation Path: Complab Country-Year → QoG Country-Year → QoG Country**

### **Complab Country-Year Unit to QoG Country-Year Unit translation**

COMAPLB Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

### **QoG Country-Year Unit to QoG Country Unit translation**

QoG Country-Year is translated to QoG Country by matching the most recent Country-Year observation to Country observations.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in the primary Output Unit.

## **5.3.19 QoG Municipality-Year Unit**

**Translation Path: Complab Country-Year → QoG Country-Year → QoG Municipality-Year**

### **Complab Country-Year Unit to QoG Country-Year Unit translation**

COMAPLB Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

### **QoG Country-Year Unit to QoG Municipality-Year Unit translation**

QoG Country-Year data for Sweden is matched to Municipality-Year data based on year.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit

### 5.3.20 QoG NUTS Region-Year Unit

**Translation Path:** **Complab Country-Year** → **QoG Country-Year** → **QoG NUTS Region-Year**

#### **Complab Country-Year Unit to QoG Country-Year Unit translation**

COMAPLB Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

#### **QoG Country-Year Unit to QoG NUTS Region-Year Unit translation**

Country-Year is translated to Region-Year by matching country observations to regional observations collected for the NUTS0 level (and thus equal to the country level) and year identifiers to year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit.

### 5.3.21 V-Dem Country-Date Unit

**Translation Path:** **Complab Country-Year** → **V-Dem Country-Year** → **V-Dem Country-Date**

#### **Complab Country-Year Unit to V-Dem Country-Year Unit translation**

Complab Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

#### **V-Dem Country-Year Unit to V-Dem Country-Date Unit translation**

Countries are matched to countries and Year is extracted from Dates. Country-Year observations are then matched and duplicated across Country-Years.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

### 5.3.22 V-Dem Country-Date-Coder Unit

**Translation Path:** **Complab Country-Year** → **V-Dem Country-Year** → **V-Dem Country-Date**  
→ **V-Dem Country-Date-Coder**

#### **Complab Country-Year Unit to V-Dem Country-Year Unit translation**

Complab Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

#### **V-Dem Country-Year Unit to V-Dem Country-Date Unit translation**

Countries are matched to countries and Year is extracted from Dates. Country-Year observations are then matched and duplicated across Country-Years.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

### **V-Dem Country-Date Unit to V-Dem Country-Date-Coder Unit translation**

Country-Dates are matched to Country-Dates. Country-Date combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit.

### **5.3.23 V-Dem Party-Country-Year Unit**

**Translation Path: Complab Country-Year → V-Dem Party-Country-Year**

#### **Complab Country-Year Unit to V-Dem Party-Country-Year Unit translation**

NA

### **5.3.24 QoG NUTS2 Region Unit**

**Translation Path: Complab Country-Year → QoG Country-Year → QoG NUTS Region-Year → QoG NUTS2 Region**

#### **Complab Country-Year Unit to QoG Country-Year Unit translation**

COMAPLB Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

#### **QoG Country-Year Unit to QoG NUTS Region-Year Unit translation**

Country-Year is translated to Region-Year by matching country observations to regional observations collected for the NUTS0 level (and thus equal to the country level) and year identifiers to year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit.

#### **QoG NUTS Region-Year Unit to QoG NUTS2 Region Unit translation**

Observations for 2021 from the QoG Region Year Output Unit are matched to Country-Year.

Please note that the dataset may only contain a subset of regions and years included in its primary Output Unit.

### **5.3.25 V-Dem Party-Date-Coder Unit**

**Translation Path: Complab Country-Year → V-Dem Country-Year → V-Dem Party-Country-Year → V-Dem Party-Date-Coder**

#### **Complab Country-Year Unit to V-Dem Country-Year Unit translation**

Complab Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

#### **V-Dem Country-Year Unit to V-Dem Party-Country-Year Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output

Unit.

**V-Dem Party-Country-Year Unit to V-Dem Party-Date-Coder Unit translation**

Year is extracted from date. Country-, year- and party identifiers are matched to corresponding country-year-party combinations. Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit.

## 5.4 COMPLAB MIGPOL IMISEM

**Dataset tag:** complab\_migpol\_imisem

**Output Unit:** COMPLAB Country-Year, i.e., data is collected per country and year.

**Description:** The IMISEM dataset contains 828 indicators on the migration policies of 32 polities from Europe, South East Asia and Latin America and the Caribbean. The IMISEM project adopts a comprehensive view of migration policy that includes both its emigrant/ emigration and immigrant/ immigration sides, bridging for the first time the two sides of migration policy. Thus, the dataset includes indicators that measure emigration policies (exit policies and control of outflows), immigration policies (entry policies and control of inflows), emigrant policies (rights granted, services offered and obligations imposed on non-resident citizens), immigrant policies (mainly, rights granted to non-citizen residents) and citizenship policies (mainly, access to naturalization for immigrants and retention of citizenship by emigrants). The main sources used to complete the IMISEM questionnaires are legal sources (i.e., laws, regulations). Legal sources are complemented with secondary sources (for instance, policy reports) and interviews with experts. The IMISEM Dataset is one of the main outputs of the “The very Immigrant is an Emigrant Project (IMISEM)” funded by the Leibniz Gemeinschaft and carried out at the GIGA German Institute for Global and Area Studies between 2017 and 2020. IMISEM data was collected for the years 2017 to 2019 during this time. It is coded for 2018 in DEMSCORE to align with the country-year format of other datasets.

**Dataset citation:** Pedroza, Luicy (2022) “IMISEM Dataset” GESIS Data Archive DOI: 10.7802/2380 [https://search.gesis.org/research\\_data/SDN-10.7802-2380?doi=10.7802/2380](https://search.gesis.org/research_data/SDN-10.7802-2380?doi=10.7802/2380)

**License:** The IMISEM CODEBOOK is an Open Access publication licensed under CC BY 4.0. The data can be used without restrictions as long as that the IMISEM project is cited accordingly in corresponding publications.

More detailed information on the dataset can be found at the following web page: <https://www.giga-hamburg.de/en/publications/research-datasets/imisem-dataset>

**Unit Notes:** The unit for this dataset is country and year. That means each row in the dataset can be identified by one country in combination with a year, using the columns country\_code (ISO 3-letter-code) and year or country\_nr (ISO numeric code) and year.

### 5.4.1 Complab Country-Year Unit

**Translation Path: Complab Country-Year (Primary Output Unit)**

Complab Country-Year is the primary unit.

### 5.4.2 Complab Country-Year-Policy Unit

**Translation Path: Complab Country-Year → Complab Country-Year-Policy**

**Complab Country-Year Unit to Complab Country-Year-Policy Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

### 5.4.3 Complab Country-Year-Track Unit

**Translation Path: Complab Country-Year → Complab Country-Year-Track**

**Complab Country-Year Unit to Complab Country-Year-Track Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output



Unit.

#### **5.4.4 Demscore Country-Year Unit**

**Translation Path: Complab Country-Year → Demscore Country-Year**

##### **Complab Country-Year Unit to Demscore Country-Year Unit translation**

COMPLAB Country-Year is translated to DEMSCORE Country-Year by matching country and year identifiers from both Output Units.

COMPLAB identifier combinations that cannot be matched to DEMSCORE identifier combinations are dropped.

#### **5.4.5 H-DATA Cabinet-Date Unit**

**Translation Path: Complab Country-Year → H-DATA Cabinet-Date**

##### **Complab Country-Year Unit to H-DATA Cabinet-Date Unit translation**

Complab Country-Year observations are matched to the final year a cabinet was in office.

Please note that your selected Complab variables may only contain observations for a subset of countries and years included in their primary Output Unit.

Complab identifier combinations that cannot be matched to H-DATA identifier combinations are dropped, as data-quality for H-DATA variables is prioritized in translations to this unit.

#### **5.4.6 H-DATA Country-Year Unit**

**Translation Path: Complab Country-Year → H-DATA Country-Year**

##### **Complab Country-Year Unit to H-DATA Country-Year Unit translation**

COMPLAB Country-Year is translated to H-DATA Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to H-DATA identifier combinations are dropped, as data-quality for H-DATA variables is prioritized in translations to this unit.

#### **5.4.7 QoG Country-Year Unit**

**Translation Path: Complab Country-Year → QoG Country-Year**

##### **Complab Country-Year Unit to QoG Country-Year Unit translation**

COMAPLB Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

#### **5.4.8 REPDEM Cabinet-Party Unit**

**Translation Path: Complab Country-Year → Repdem Cabinet-Party**

Complab Country-Year is the primary unit.

#### **5.4.9 REPDEM Country-Year Unit**

**Translation Path: Complab Country-Year → REPDEM Country-Year**

#### **Complab Country-Year Unit to REPDEM Country-Year Unit translation**

COMPLAB Country-Year is translated to REPDEM Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to REPDEM identifier combinations are dropped, as data-quality for REPDEM variables is prioritized in translations to this unit.

#### **5.4.10 Repdem Cabinet-Date Unit**

**Translation Path: Complab Country-Year → Repdem Cabinet-Date**

#### **Complab Country-Year Unit to Repdem Cabinet-Date Unit translation**

COMPLAB Country-Year observations are matched to the final year a cabinet was in office.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to REPDEM identifier combinations are dropped, as data-quality for REPDEM variables is prioritized in translations to this unit.

#### **5.4.11 UCDP Country-Year Unit**

**Translation Path: Complab Country-Year → UCDP Country-Year**

#### **Complab Country-Year Unit to UCDP Country-Year Unit translation**

COMPLAB Country-Year is translated to UCDP Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to UCDP identifier combinations are dropped, as data-quality for UCDP variables is prioritized in translations to this unit.

#### **5.4.12 UCDP Event ID Unit**

**Translation Path: Complab Country-Year → UCDP Event ID**

#### **Complab Country-Year Unit to UCDP Event ID Unit translation**

COMPLAB Country-Year is translated to UCDP Events by matching country and year identifiers from both Output Units. Country and year combinations from the starting Output unit are duplicated across all events that occurred with that country-year combination.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to UCDP identifier combinations are dropped

#### **5.4.13 UCDP Organized Violence Country-Year Unit**

**Translation Path: Complab Country-Year → UCDP Organized Violence Country-Year**

#### **Complab Country-Year Unit to UCDP Organized Violence Country-Year Unit translation**

COMPLAB Country-Year is translated to UCDP OV Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to UCDP identifier combinations are dropped, as data-quality for UCDP variables is prioritized in translations to this unit.

#### 5.4.14 V-Dem Country-Year Unit

**Translation Path: Complab Country-Year → V-Dem Country-Year**

##### **Complab Country-Year Unit to V-Dem Country-Year Unit translation**

Complab Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

#### 5.4.15 H-DATA Dyad-Year Unit

**Translation Path: Complab Country-Year → H-DATA Country-Year → H-DATA Dyad-Year**

##### **Complab Country-Year Unit to H-DATA Country-Year Unit translation**

COMPLAB Country-Year is translated to H-DATA Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to H-DATA identifier combinations are dropped, as data-quality for H-DATA variables is prioritized in translations to this unit.

##### **H-DATA Country-Year Unit to H-DATA Dyad-Year Unit translation**

Country-Years are matched to Country-Years using the country identifier for country 1 in the dyad.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

#### 5.4.16 H-DATA Minister-Date Unit

**Translation Path: Complab Country-Year → H-DATA Country-Year → H-DATA Minister-Date**

##### **Complab Country-Year Unit to H-DATA Country-Year Unit translation**

COMPLAB Country-Year is translated to H-DATA Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to H-DATA identifier combinations are dropped, as data-quality for H-DATA variables is prioritized in translations to this unit.

##### **H-DATA Country-Year Unit to H-DATA Minister-Date Unit translation**

Country-Year observations are matched to Country-Year observations based on the final year a minister in a country was in office.

Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

#### 5.4.17 QoG Agency-Fiscal Year Unit

**Translation Path: Complab Country-Year → QoG Country-Year → QoG Agency-Fiscal Year**

##### **Complab Country-Year Unit to QoG Country-Year Unit translation**

COMAPLB Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

#### **QoG Country-Year Unit to QoG Agency-Fiscal Year Unit translation**

Country-Year data for Sweden is matched to Agency-Year data based on the agency year.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit

#### **5.4.18 QoG Country Unit**

**Translation Path: Complab Country-Year → QoG Country-Year → QoG Country**

##### **Complab Country-Year Unit to QoG Country-Year Unit translation**

COMAPLB Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

##### **QoG Country-Year Unit to QoG Country Unit translation**

QoG Country-Year is translated to QoG Country by matching the most recent Country-Year observation to Country observations.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in the primary Output Unit.

#### **5.4.19 QoG Municipality-Year Unit**

**Translation Path: Complab Country-Year → QoG Country-Year → QoG Municipality-Year**

##### **Complab Country-Year Unit to QoG Country-Year Unit translation**

COMAPLB Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

##### **QoG Country-Year Unit to QoG Municipality-Year Unit translation**

QoG Country-Year data for Sweden is matched to Municipality-Year data based on year.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit

#### **5.4.20 QoG NUTS Region-Year Unit**

**Translation Path: Complab Country-Year → QoG Country-Year → QoG NUTS Region-Year**

##### **Complab Country-Year Unit to QoG Country-Year Unit translation**

COMAPLB Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

#### **QoG Country-Year Unit to QoG NUTS Region-Year Unit translation**

Country-Year is translated to Region-Year by matching country observations to regional observations collected for the NUTS0 level (and thus equal to the country level) and year identifiers to year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit.

#### **5.4.21 V-Dem Country-Date Unit**

**Translation Path: Complab Country-Year → V-Dem Country-Year → V-Dem Country-Date**

##### **Complab Country-Year Unit to V-Dem Country-Year Unit translation**

Complab Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

##### **V-Dem Country-Year Unit to V-Dem Country-Date Unit translation**

Countries are matched to countries and Year is extracted from Dates. Country-Year observations are then matched and duplicated across Country-Years.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

#### **5.4.22 V-Dem Country-Date-Coder Unit**

**Translation Path: Complab Country-Year → V-Dem Country-Year → V-Dem Country-Date → V-Dem Country-Date-Coder**

##### **Complab Country-Year Unit to V-Dem Country-Year Unit translation**

Complab Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

##### **V-Dem Country-Year Unit to V-Dem Country-Date Unit translation**

Countries are matched to countries and Year is extracted from Dates. Country-Year observations are then matched and duplicated across Country-Years.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

##### **V-Dem Country-Date Unit to V-Dem Country-Date-Coder Unit translation**

Country-Dates are matched to Country-Dates. Country-Date combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit.

#### 5.4.23 V-Dem Party-Country-Year Unit

**Translation Path: Complab Country-Year → V-Dem Party-Country-Year**

**Complab Country-Year Unit to V-Dem Party-Country-Year Unit translation**

NA

#### 5.4.24 QoG NUTS2 Region Unit

**Translation Path: Complab Country-Year → QoG Country-Year → QoG NUTS Region-Year → QoG NUTS2 Region**

**Complab Country-Year Unit to QoG Country-Year Unit translation**

COMAPLB Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

**QoG Country-Year Unit to QoG NUTS Region-Year Unit translation**

Country-Year is translated to Region-Year by matching country observations to regional observations collected for the NUTS0 level (and thus equal to the country level) and year identifiers to year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit.

**QoG NUTS Region-Year Unit to QoG NUTS2 Region Unit translation**

Observations for 2021 from the QoG Region Year Output Unit are matched to Country-Year.

Please note that the dataset may only contain a subset of regions and years included in its primary Output Unit.

#### 5.4.25 V-Dem Party-Date-Coder Unit

**Translation Path: Complab Country-Year → V-Dem Country-Year → V-Dem Party-Country-Year → V-Dem Party-Date-Coder**

**Complab Country-Year Unit to V-Dem Country-Year Unit translation**

Complab Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

**V-Dem Country-Year Unit to V-Dem Party-Country-Year Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

**V-Dem Party-Country-Year Unit to V-Dem Party-Date-Coder Unit translation**

Year is extracted from date. Country-, year- and party identifiers are matched to corresponding country-year-party combinations. Combinations from the starting Output Unit are duplicated if the respective combination

exists more than once in the end Output Unit.

## 5.5 COMPLAB MIGPOL IMPIC 2016

*Dataset tag:* complab\_migpol\_impic\_2016

*Output Unit:* COMPLAB Country-Year, i.e., data is collected per country and year.

*Description:* The IMPIC Project offers sophisticated quantitative indices to assess immigration policies across time, countries, and policy fields, focusing on 33 OECD countries from 1980 to 2010. The current IMPIC datasets (version 1) cover immigration policies, which encompass government intentions and actions concerning the selection, admission, settlement, and deportation of foreign citizens within a country. IMPIC includes four immigration policy fields related to why states accept immigrants: labour migration (economic), family reunification (social), asylum/refugees (humanitarian), and co-ethnics (cultural). The dataset specifically covers legal regulations, excluding implementation details. The data is further disaggregated into two dimensions. The first dimension looks at states' regulations, or binding legal provisions that create or constrain rights for immigration, and also controls, or mechanisms that monitor whether immigration policies are followed (Schmid and Helbling 2016). The group of control mechanisms includes various aspects relating to irregular migration such as requirements for airlines to control visa or sanctions for employing irregular migrants. The second dimension looks at states' regulations and controls for immigration not only at their borders (external regulations and controls), but also within their territories (internal regulations and controls). As a last differentiation, the IMPIC dataset disaggregates external and internal regulations into four sub-dimensions related to immigrant eligibility requirements, conditions, security of status and rights. The IMPIC 2016 dataset consists of the aggregated scores of all tracks covered separately in the IMPIC RawData.

*Dataset citation:* Helbling, Marc and Bjerre, Liv and Römer, Friederike and Zobel, Malisa (2017) "Measuring Immigration Policies: The IMPIC Database" *European Political Science* 16(1), pp. 79-98.

*License:* The data can be used without restrictions as long as that the IMPIC project is cited accordingly in corresponding publications.

More detailed information on the dataset can be found at the following web page: <http://www.impic-project.eu/data/>

**Unit Notes:** The unit for this dataset is country and year. That means each row in the dataset can be identified by one country in combination with a year, using the columns country\_code (ISO 3-letter-code) and year or country\_nr (ISO numeric code) and year.

### 5.5.1 Complab Country-Year Unit

**Translation Path: Complab Country-Year (Primary Output Unit)**

Complab Country-Year is the primary unit.

### 5.5.2 Complab Country-Year-Policy Unit

**Translation Path: Complab Country-Year → Complab Country-Year-Policy**

**Complab Country-Year Unit to Complab Country-Year-Policy Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

### 5.5.3 Complab Country-Year-Track Unit

**Translation Path: Complab Country-Year → Complab Country-Year-Track**

**Complab Country-Year Unit to Complab Country-Year-Track Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.



Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

#### **5.5.4 Demscore Country-Year Unit**

**Translation Path: Complab Country-Year → Demscore Country-Year**

##### **Complab Country-Year Unit to Demscore Country-Year Unit translation**

COMPLAB Country-Year is translated to DEMSCORE Country-Year by matching country and year identifiers from both Output Units.

COMPLAB identifier combinations that cannot be matched to DEMSCORE identifier combinations are dropped.

#### **5.5.5 H-DATA Cabinet-Date Unit**

**Translation Path: Complab Country-Year → H-DATA Cabinet-Date**

##### **Complab Country-Year Unit to H-DATA Cabinet-Date Unit translation**

Complab Country-Year observations are matched to the final year a cabinet was in office.

Please note that your selected Complab variables may only contain observations for a subset of countries and years included in their primary Output Unit.

Complab identifier combinations that cannot be matched to H-DATA identifier combinations are dropped, as data-quality for H-DATA variables is prioritized in translations to this unit.

#### **5.5.6 H-DATA Country-Year Unit**

**Translation Path: Complab Country-Year → H-DATA Country-Year**

##### **Complab Country-Year Unit to H-DATA Country-Year Unit translation**

COMPLAB Country-Year is translated to H-DATA Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to H-DATA identifier combinations are dropped, as data-quality for H-DATA variables is prioritized in translations to this unit.

#### **5.5.7 QoG Country-Year Unit**

**Translation Path: Complab Country-Year → QoG Country-Year**

##### **Complab Country-Year Unit to QoG Country-Year Unit translation**

COMAPLB Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

#### **5.5.8 REPDEM Cabinet-Party Unit**

**Translation Path: Complab Country-Year → Repdem Cabinet-Party**

Complab Country-Year is the primary unit.

#### **5.5.9 REPDEM Country-Year Unit**

**Translation Path: Complab Country-Year → REPDEM Country-Year**

### **Complab Country-Year Unit to REPDEM Country-Year Unit translation**

COMPLAB Country-Year is translated to REPDEM Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to REPDEM identifier combinations are dropped, as data-quality for REPDEM variables is prioritized in translations to this unit.

### **5.5.10 Repdem Cabinet-Date Unit**

**Translation Path: Complab Country-Year → Repdem Cabinet-Date**

#### **Complab Country-Year Unit to Repdem Cabinet-Date Unit translation**

COMPLAB Country-Year observations are matched to the final year a cabinet was in office.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to REPDEM identifier combinations are dropped, as data-quality for REPDEM variables is prioritized in translations to this unit.

### **5.5.11 UCDP Country-Year Unit**

**Translation Path: Complab Country-Year → UCDP Country-Year**

#### **Complab Country-Year Unit to UCDP Country-Year Unit translation**

COMPLAB Country-Year is translated to UCDP Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to UCDP identifier combinations are dropped, as data-quality for UCDP variables is prioritized in translations to this unit.

### **5.5.12 UCDP Event ID Unit**

**Translation Path: Complab Country-Year → UCDP Event ID**

#### **Complab Country-Year Unit to UCDP Event ID Unit translation**

COMPLAB Country-Year is translated to UCDP Events by matching country and year identifiers from both Output Units. Country and year combinations from the starting Output unit are duplicated across all events that occurred with that country-year combination.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to UCDP identifier combinations are dropped

### **5.5.13 UCDP Organized Violence Country-Year Unit**

**Translation Path: Complab Country-Year → UCDP Organized Violence Country-Year**

#### **Complab Country-Year Unit to UCDP Organized Violence Country-Year Unit translation**

COMPLAB Country-Year is translated to UCDP OV Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to UCDP identifier combinations are dropped, as data-quality for UCDP variables is prioritized in translations to this unit.

#### **5.5.14 V-Dem Country-Year Unit**

**Translation Path: Complab Country-Year → V-Dem Country-Year**

##### **Complab Country-Year Unit to V-Dem Country-Year Unit translation**

Complab Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

#### **5.5.15 H-DATA Dyad-Year Unit**

**Translation Path: Complab Country-Year → H-DATA Country-Year → H-DATA Dyad-Year**

##### **Complab Country-Year Unit to H-DATA Country-Year Unit translation**

COMPLAB Country-Year is translated to H-DATA Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to H-DATA identifier combinations are dropped, as data-quality for H-DATA variables is prioritized in translations to this unit.

##### **H-DATA Country-Year Unit to H-DATA Dyad-Year Unit translation**

Country-Years are matched to Country-Years using the country identifier for country 1 in the dyad.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

#### **5.5.16 H-DATA Minister-Date Unit**

**Translation Path: Complab Country-Year → H-DATA Country-Year → H-DATA Minister-Date**

##### **Complab Country-Year Unit to H-DATA Country-Year Unit translation**

COMPLAB Country-Year is translated to H-DATA Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to H-DATA identifier combinations are dropped, as data-quality for H-DATA variables is prioritized in translations to this unit.

##### **H-DATA Country-Year Unit to H-DATA Minister-Date Unit translation**

Country-Year observations are matched to Country-Year observations based on the final year a minister in a country was in office.

Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

#### **5.5.17 QoG Agency-Fiscal Year Unit**

**Translation Path: Complab Country-Year → QoG Country-Year → QoG Agency-Fiscal Year**

##### **Complab Country-Year Unit to QoG Country-Year Unit translation**

COMAPLB Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

#### **QoG Country-Year Unit to QoG Agency-Fiscal Year Unit translation**

Country-Year data for Sweden is matched to Agency-Year data based on the agency year.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit

#### **5.5.18 QoG Country Unit**

**Translation Path: Complab Country-Year → QoG Country-Year → QoG Country**

#### **Complab Country-Year Unit to QoG Country-Year Unit translation**

COMAPLB Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

#### **QoG Country-Year Unit to QoG Country Unit translation**

QoG Country-Year is translated to QoG Country by matching the most recent Country-Year observation to Country observations.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in the primary Output Unit.

#### **5.5.19 QoG Municipality-Year Unit**

**Translation Path: Complab Country-Year → QoG Country-Year → QoG Municipality-Year**

#### **Complab Country-Year Unit to QoG Country-Year Unit translation**

COMAPLB Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

#### **QoG Country-Year Unit to QoG Municipality-Year Unit translation**

QoG Country-Year data for Sweden is matched to Municipality-Year data based on year.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit

#### **5.5.20 QoG NUTS Region-Year Unit**

**Translation Path: Complab Country-Year → QoG Country-Year → QoG NUTS Region-Year**

#### **Complab Country-Year Unit to QoG Country-Year Unit translation**

COMAPLB Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

#### **QoG Country-Year Unit to QoG NUTS Region-Year Unit translation**

Country-Year is translated to Region-Year by matching country observations to regional observations collected for the NUTS0 level (and thus equal to the country level) and year identifiers to year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit.

#### **5.5.21 V-Dem Country-Date Unit**

**Translation Path: Complab Country-Year → V-Dem Country-Year → V-Dem Country-Date**

##### **Complab Country-Year Unit to V-Dem Country-Year Unit translation**

Complab Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

##### **V-Dem Country-Year Unit to V-Dem Country-Date Unit translation**

Countries are matched to countries and Year is extracted from Dates. Country-Year observations are then matched and duplicated across Country-Years.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

#### **5.5.22 V-Dem Country-Date-Coder Unit**

**Translation Path: Complab Country-Year → V-Dem Country-Year → V-Dem Country-Date → V-Dem Country-Date-Coder**

##### **Complab Country-Year Unit to V-Dem Country-Year Unit translation**

Complab Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

##### **V-Dem Country-Year Unit to V-Dem Country-Date Unit translation**

Countries are matched to countries and Year is extracted from Dates. Country-Year observations are then matched and duplicated across Country-Years.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

##### **V-Dem Country-Date Unit to V-Dem Country-Date-Coder Unit translation**

Country-Dates are matched to Country-Dates. Country-Date combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit.

### 5.5.23 V-Dem Party-Country-Year Unit

**Translation Path: Complab Country-Year → V-Dem Party-Country-Year**

**Complab Country-Year Unit to V-Dem Party-Country-Year Unit translation**

NA

### 5.5.24 QoG NUTS2 Region Unit

**Translation Path: Complab Country-Year → QoG Country-Year → QoG NUTS Region-Year → QoG NUTS2 Region**

**Complab Country-Year Unit to QoG Country-Year Unit translation**

COMAPLB Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

**QoG Country-Year Unit to QoG NUTS Region-Year Unit translation**

Country-Year is translated to Region-Year by matching country observations to regional observations collected for the NUTS0 level (and thus equal to the country level) and year identifiers to year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit.

**QoG NUTS Region-Year Unit to QoG NUTS2 Region Unit translation**

Observations for 2021 from the QoG Region Year Output Unit are matched to Country-Year.

Please note that the dataset may only contain a subset of regions and years included in its primary Output Unit.

### 5.5.25 V-Dem Party-Date-Coder Unit

**Translation Path: Complab Country-Year → V-Dem Country-Year → V-Dem Party-Country-Year → V-Dem Party-Date-Coder**

**Complab Country-Year Unit to V-Dem Country-Year Unit translation**

Complab Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

**V-Dem Country-Year Unit to V-Dem Party-Country-Year Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

**V-Dem Party-Country-Year Unit to V-Dem Party-Date-Coder Unit translation**

Year is extracted from date. Country-, year- and party identifiers are matched to corresponding country-year-party combinations. Combinations from the starting Output Unit are duplicated if the respective combination

exists more than once in the end Output Unit.

## 5.6 COMPLAB MIGPOL IMPIC Political Rights

*Dataset tag:* complab\_migpol\_impic\_pr

*Output Unit:* COMPLAB Country-Year, i.e., data is collected per country and year.

*Description:* The IMPIC Project offers sophisticated quantitative indices to assess immigration policies across time, countries, and policy fields, focusing on 33 OECD countries from 1980 to 2010. The current IMPIC datasets (version 1) cover immigration policies, which encompass government intentions and actions concerning the selection, admission, settlement, and deportation of foreign citizens within a country. IMPIC includes four immigration policy fields related to why states accept immigrants: labour migration (economic), family reunification (social), asylum/refugees (humanitarian), and co-ethnics (cultural). The dataset specifically covers legal regulations, excluding implementation details. The data is further disaggregated into two dimensions. The first dimension looks at states' regulations, or binding legal provisions that create or constrain rights for immigration, and also controls, or mechanisms that monitor whether immigration policies are followed (Schmid and Helbling 2016). The group of control mechanisms includes various aspects relating to irregular migration such as requirements for airlines to control visa or sanctions for employing irregular migrants. The second dimension looks at states' regulations and controls for immigration not only at their borders (external regulations and controls), but also within their territories (internal regulations and controls). As a last differentiation, the IMPIC dataset disaggregates external and internal regulations into four sub-dimensions related to immigrant eligibility requirements, conditions, security of status and rights. The Political Rights dataset specifically covers political rights of immigrants across different tracks.

*Dataset citation:* Helbling, Marc and Bjerre, Liv and Römer, Friederike and Zobel, Malisa (2017) "Measuring Immigration Policies: The IMPIC Database" *European Political Science* 16(1), pp. 79-98.

*License:* The data can be used without restrictions as long as that the IMPIC project is cited accordingly in corresponding publications.

More detailed information on the dataset can be found at the following web page: <http://www.impic-project.eu/data/>

**Unit Notes:** The unit for this dataset is country and year. That means each row in the dataset can be identified by one country in combination with a year, using the columns `country_code` (ISO 3-letter-code) and `year` or `country_nr` (ISO numeric code) and `year`.

### 5.6.1 Complab Country-Year Unit

**Translation Path: Complab Country-Year (Primary Output Unit)**

Complab Country-Year is the primary unit.

### 5.6.2 Complab Country-Year-Policy Unit

**Translation Path: Complab Country-Year → Complab Country-Year-Policy**

**Complab Country-Year Unit to Complab Country-Year-Policy Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

### 5.6.3 Complab Country-Year-Track Unit

**Translation Path: Complab Country-Year → Complab Country-Year-Track**

**Complab Country-Year Unit to Complab Country-Year-Track Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.



Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

#### **5.6.4 Demscore Country-Year Unit**

**Translation Path: Complab Country-Year → Demscore Country-Year**

##### **Complab Country-Year Unit to Demscore Country-Year Unit translation**

COMPLAB Country-Year is translated to DEMSCORE Country-Year by matching country and year identifiers from both Output Units.

COMPLAB identifier combinations that cannot be matched to DEMSCORE identifier combinations are dropped.

#### **5.6.5 H-DATA Cabinet-Date Unit**

**Translation Path: Complab Country-Year → H-DATA Cabinet-Date**

##### **Complab Country-Year Unit to H-DATA Cabinet-Date Unit translation**

Complab Country-Year observations are matched to the final year a cabinet was in office.

Please note that your selected Complab variables may only contain observations for a subset of countries and years included in their primary Output Unit.

Complab identifier combinations that cannot be matched to H-DATA identifier combinations are dropped, as data-quality for H-DATA variables is prioritized in translations to this unit.

#### **5.6.6 H-DATA Country-Year Unit**

**Translation Path: Complab Country-Year → H-DATA Country-Year**

##### **Complab Country-Year Unit to H-DATA Country-Year Unit translation**

COMPLAB Country-Year is translated to H-DATA Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to H-DATA identifier combinations are dropped, as data-quality for H-DATA variables is prioritized in translations to this unit.

#### **5.6.7 QoG Country-Year Unit**

**Translation Path: Complab Country-Year → QoG Country-Year**

##### **Complab Country-Year Unit to QoG Country-Year Unit translation**

COMAPLB Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

#### **5.6.8 REPDEM Cabinet-Party Unit**

**Translation Path: Complab Country-Year → Repdem Cabinet-Party**

Complab Country-Year is the primary unit.

#### **5.6.9 REPDEM Country-Year Unit**

**Translation Path: Complab Country-Year → REPDEM Country-Year**

### **Complab Country-Year Unit to REPDEM Country-Year Unit translation**

COMPLAB Country-Year is translated to REPDEM Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to REPDEM identifier combinations are dropped, as data-quality for REPDEM variables is prioritized in translations to this unit.

### **5.6.10 Repdem Cabinet-Date Unit**

**Translation Path: Complab Country-Year → Repdem Cabinet-Date**

#### **Complab Country-Year Unit to Repdem Cabinet-Date Unit translation**

COMPLAB Country-Year observations are matched to the final year a cabinet was in office.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to REPDEM identifier combinations are dropped, as data-quality for REPDEM variables is prioritized in translations to this unit.

### **5.6.11 UCDP Country-Year Unit**

**Translation Path: Complab Country-Year → UCDP Country-Year**

#### **Complab Country-Year Unit to UCDP Country-Year Unit translation**

COMPLAB Country-Year is translated to UCDP Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to UCDP identifier combinations are dropped, as data-quality for UCDP variables is prioritized in translations to this unit.

### **5.6.12 UCDP Event ID Unit**

**Translation Path: Complab Country-Year → UCDP Event ID**

#### **Complab Country-Year Unit to UCDP Event ID Unit translation**

COMPLAB Country-Year is translated to UCDP Events by matching country and year identifiers from both Output Units. Country and year combinations from the starting Output unit are duplicated across all events that occurred with that country-year combination.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to UCDP identifier combinations are dropped

### **5.6.13 UCDP Organized Violence Country-Year Unit**

**Translation Path: Complab Country-Year → UCDP Organized Violence Country-Year**

#### **Complab Country-Year Unit to UCDP Organized Violence Country-Year Unit translation**

COMPLAB Country-Year is translated to UCDP OV Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to UCDP identifier combinations are dropped, as data-quality for UCDP variables is prioritized in translations to this unit.

#### **5.6.14 V-Dem Country-Year Unit**

**Translation Path: Complab Country-Year → V-Dem Country-Year**

##### **Complab Country-Year Unit to V-Dem Country-Year Unit translation**

Complab Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

#### **5.6.15 H-DATA Dyad-Year Unit**

**Translation Path: Complab Country-Year → H-DATA Country-Year → H-DATA Dyad-Year**

##### **Complab Country-Year Unit to H-DATA Country-Year Unit translation**

COMPLAB Country-Year is translated to H-DATA Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to H-DATA identifier combinations are dropped, as data-quality for H-DATA variables is prioritized in translations to this unit.

##### **H-DATA Country-Year Unit to H-DATA Dyad-Year Unit translation**

Country-Years are matched to Country-Years using the country identifier for country 1 in the dyad.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

#### **5.6.16 H-DATA Minister-Date Unit**

**Translation Path: Complab Country-Year → H-DATA Country-Year → H-DATA Minister-Date**

##### **Complab Country-Year Unit to H-DATA Country-Year Unit translation**

COMPLAB Country-Year is translated to H-DATA Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to H-DATA identifier combinations are dropped, as data-quality for H-DATA variables is prioritized in translations to this unit.

##### **H-DATA Country-Year Unit to H-DATA Minister-Date Unit translation**

Country-Year observations are matched to Country-Year observations based on the final year a minister in a country was in office.

Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

#### **5.6.17 QoG Agency-Fiscal Year Unit**

**Translation Path: Complab Country-Year → QoG Country-Year → QoG Agency-Fiscal Year**

##### **Complab Country-Year Unit to QoG Country-Year Unit translation**

COMAPLB Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

#### **QoG Country-Year Unit to QoG Agency-Fiscal Year Unit translation**

Country-Year data for Sweden is matched to Agency-Year data based on the agency year.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit

#### **5.6.18 QoG Country Unit**

**Translation Path: Complab Country-Year → QoG Country-Year → QoG Country**

##### **Complab Country-Year Unit to QoG Country-Year Unit translation**

COMAPLB Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

##### **QoG Country-Year Unit to QoG Country Unit translation**

QoG Country-Year is translated to QoG Country by matching the most recent Country-Year observation to Country observations.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in the primary Output Unit.

#### **5.6.19 QoG Municipality-Year Unit**

**Translation Path: Complab Country-Year → QoG Country-Year → QoG Municipality-Year**

##### **Complab Country-Year Unit to QoG Country-Year Unit translation**

COMAPLB Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

##### **QoG Country-Year Unit to QoG Municipality-Year Unit translation**

QoG Country-Year data for Sweden is matched to Municipality-Year data based on year.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit

#### **5.6.20 QoG NUTS Region-Year Unit**

**Translation Path: Complab Country-Year → QoG Country-Year → QoG NUTS Region-Year**

##### **Complab Country-Year Unit to QoG Country-Year Unit translation**

COMAPLB Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

#### **QoG Country-Year Unit to QoG NUTS Region-Year Unit translation**

Country-Year is translated to Region-Year by matching country observations to regional observations collected for the NUTS0 level (and thus equal to the country level) and year identifiers to year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit.

### **5.6.21 V-Dem Country-Date Unit**

**Translation Path: Complab Country-Year → V-Dem Country-Year → V-Dem Country-Date**

#### **Complab Country-Year Unit to V-Dem Country-Year Unit translation**

Complab Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

#### **V-Dem Country-Year Unit to V-Dem Country-Date Unit translation**

Countries are matched to countries and Year is extracted from Dates. Country-Year observations are then matched and duplicated across Country-Years.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

### **5.6.22 V-Dem Country-Date-Coder Unit**

**Translation Path: Complab Country-Year → V-Dem Country-Year → V-Dem Country-Date → V-Dem Country-Date-Coder**

#### **Complab Country-Year Unit to V-Dem Country-Year Unit translation**

Complab Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

#### **V-Dem Country-Year Unit to V-Dem Country-Date Unit translation**

Countries are matched to countries and Year is extracted from Dates. Country-Year observations are then matched and duplicated across Country-Years.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

#### **V-Dem Country-Date Unit to V-Dem Country-Date-Coder Unit translation**

Country-Dates are matched to Country-Dates. Country-Date combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit.

### 5.6.23 V-Dem Party-Country-Year Unit

**Translation Path: Complab Country-Year → V-Dem Party-Country-Year**

**Complab Country-Year Unit to V-Dem Party-Country-Year Unit translation**

NA

### 5.6.24 QoG NUTS2 Region Unit

**Translation Path: Complab Country-Year → QoG Country-Year → QoG NUTS Region-Year → QoG NUTS2 Region**

**Complab Country-Year Unit to QoG Country-Year Unit translation**

COMAPLB Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

**QoG Country-Year Unit to QoG NUTS Region-Year Unit translation**

Country-Year is translated to Region-Year by matching country observations to regional observations collected for the NUTS0 level (and thus equal to the country level) and year identifiers to year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit.

**QoG NUTS Region-Year Unit to QoG NUTS2 Region Unit translation**

Observations for 2021 from the QoG Region Year Output Unit are matched to Country-Year.

Please note that the dataset may only contain a subset of regions and years included in its primary Output Unit.

### 5.6.25 V-Dem Party-Date-Coder Unit

**Translation Path: Complab Country-Year → V-Dem Country-Year → V-Dem Party-Country-Year → V-Dem Party-Date-Coder**

**Complab Country-Year Unit to V-Dem Country-Year Unit translation**

Complab Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

**V-Dem Country-Year Unit to V-Dem Party-Country-Year Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

**V-Dem Party-Country-Year Unit to V-Dem Party-Date-Coder Unit translation**

Year is extracted from date. Country-, year- and party identifiers are matched to corresponding country-year-party combinations. Combinations from the starting Output Unit are duplicated if the respective combination

exists more than once in the end Output Unit.

## 5.7 COMPLAB MIGPOL IMPIC Raw Data

**Dataset tag:** complab\_migpol\_impic\_rd

**Output Unit:** COMPLAB Country-Year-Track, i.e., data is collected per country, year and track.

**Description:** The IMPIC Project offers sophisticated quantitative indices to assess immigration policies across time, countries, and policy fields, focusing on 33 OECD countries from 1980 to 2010. The current IMPIC datasets (version 1) cover immigration policies, which encompass government intentions and actions concerning the selection, admission, settlement, and deportation of foreign citizens within a country. IMPIC includes four immigration policy fields related to why states accept immigrants: labour migration (economic), family reunification (social), asylum/refugees (humanitarian), and co-ethnics (cultural). The dataset specifically covers legal regulations, excluding implementation details. The data is further disaggregated into two dimensions. The first dimension looks at states' regulations, or binding legal provisions that create or constrain rights for immigration, and also controls, or mechanisms that monitor whether immigration policies are followed (Schmid and Helbling 2016). The group of control mechanisms includes various aspects relating to irregular migration such as requirements for airlines to control visa or sanctions for employing irregular migrants. The second dimension looks at states' regulations and controls for immigration not only at their borders (external regulations and controls), but also within their territories (internal regulations and controls). As a last differentiation, the IMPIC dataset disaggregates external and internal regulations into four sub-dimensions related to immigrant eligibility requirements, conditions, security of status and rights. The IMPIC RawData covers questions across all fields and dimensions for each migration track separately. The aggregated scores can be found in the IMPIC 2016 files.

**Dataset citation:** Helbling, Marc and Bjerre, Liv and Römer, Friederike and Zobel, Malisa (2017) "Measuring Immigration Policies: The IMPIC Database" *European Political Science* 16(1), pp. 79-98.

**License:** The data can be used without restrictions as long as that the IMPIC project is cited accordingly in corresponding publications.

More detailed information on the dataset can be found at the following web page: <http://www.impic-project.eu/data/>

**Unit Notes:** The unit for this dataset is country and year. That means each row in the dataset can be identified by one country in combination with a year, using the columns `country_code` (ISO 3-letter-code) and `year` or `country_nr` (ISO numeric code) and `year`.

### 5.7.1 Complab Country-Year-Track Unit

**Translation Path: Complab Country-Year-Track (Primary Output Unit)**

Complab Country-Year-Track is the primary unit.



## 5.8 COMPLAB MIGPOL MIPEX

*Dataset tag:* complab\_migpol\_mipex

*Output Unit:* COMPLAB Country-Year, i.e., data is collected per country and year.

*Description:* The Migrant Integration Policy Index (MIPEX) is a comprehensive tool used to evaluate, compare, and enhance integration policies in 31 countries across Europe and North America. It employs 148 policy indicators across 7 policy areas (labour market mobility, family reunion, education, political participation, long-term residence, access to nationality and anti-discrimination) to offer a multifaceted view of migrants' societal participation opportunities while assessing government commitment to integration. MIPEX helps determine whether all residents are afforded equal rights, responsibilities, and opportunities. The project is conducted by the British Council, the Migration Policy Group in Brussels and the Center for International Affairs in Barcelona with the involvement of 37 national-level organizations, including think-tanks, non-governmental organisations, foundations, universities, research institutes and equality bodies. Unlike indexes relying on expert opinions, MIPEX is based on public laws, policies, and research. It utilizes data from independent scholars and practitioners in migration law, education, and anti-discrimination who assess each indicator based on publicly available documents. These scores are peer-reviewed and moderated for consistency across countries and time, with national experts contributing insights into policy changes and their rationales.

*Dataset citation:* Solano, Giacomo and Huddelston, Thomas (2020) "Migrant Integration Policy Index"

*License:* The data can be used without restrictions as long as that the MIPEX project is cited accordingly in corresponding publications.

More detailed information on the dataset can be found at the following web page: <https://www.mipex.eu/>

**Unit Notes:** The unit for this dataset is country and year. That means each row in the dataset can be identified by one country in combination with a year, using the columns `country_code` (ISO 3-letter-code) and `year` or `country_nr` (ISO numeric code) and `year`.

### 5.8.1 Complab Country-Year Unit

**Translation Path: Complab Country-Year (Primary Output Unit)**

Complab Country-Year is the primary unit.

### 5.8.2 Complab Country-Year-Policy Unit

**Translation Path: Complab Country-Year → Complab Country-Year-Policy**

**Complab Country-Year Unit to Complab Country-Year-Policy Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

### 5.8.3 Complab Country-Year-Track Unit

**Translation Path: Complab Country-Year → Complab Country-Year-Track**

**Complab Country-Year Unit to Complab Country-Year-Track Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

#### **5.8.4 Demscore Country-Year Unit**

**Translation Path: Complab Country-Year → Demscore Country-Year**

##### **Complab Country-Year Unit to Demscore Country-Year Unit translation**

COMPLAB Country-Year is translated to DEMSCORE Country-Year by matching country and year identifiers from both Output Units.

COMPLAB identifier combinations that cannot be matched to DEMSCORE identifier combinations are dropped.

#### **5.8.5 H-DATA Cabinet-Date Unit**

**Translation Path: Complab Country-Year → H-DATA Cabinet-Date**

##### **Complab Country-Year Unit to H-DATA Cabinet-Date Unit translation**

Complab Country-Year observations are matched to the final year a cabinet was in office.

Please note that your selected Complab variables may only contain observations for a subset of countries and years included in their primary Output Unit.

Complab identifier combinations that cannot be matched to H-DATA identifier combinations are dropped, as data-quality for H-DATA variables is prioritized in translations to this unit.

#### **5.8.6 H-DATA Country-Year Unit**

**Translation Path: Complab Country-Year → H-DATA Country-Year**

##### **Complab Country-Year Unit to H-DATA Country-Year Unit translation**

COMPLAB Country-Year is translated to H-DATA Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to H-DATA identifier combinations are dropped, as data-quality for H-DATA variables is prioritized in translations to this unit.

#### **5.8.7 QoG Country-Year Unit**

**Translation Path: Complab Country-Year → QoG Country-Year**

##### **Complab Country-Year Unit to QoG Country-Year Unit translation**

COMAPLB Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

#### **5.8.8 REPDEM Cabinet-Party Unit**

**Translation Path: Complab Country-Year → Repdem Cabinet-Party**

Complab Country-Year is the primary unit.

#### **5.8.9 REPDEM Country-Year Unit**

**Translation Path: Complab Country-Year → REPDEM Country-Year**

##### **Complab Country-Year Unit to REPDEM Country-Year Unit translation**

COMPLAB Country-Year is translated to REPDEM Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to REPDEM identifier combinations are dropped, as data-quality for REPDEM variables is prioritized in translations to this unit.

#### **5.8.10 Repdem Cabinet-Date Unit**

**Translation Path: Complab Country-Year → Repdem Cabinet-Date**

##### **Complab Country-Year Unit to Repdem Cabinet-Date Unit translation**

COMPLAB Country-Year observations are matched to the final year a cabinet was in office.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to REPDEM identifier combinations are dropped, as data-quality for REPDEM variables is prioritized in translations to this unit.

#### **5.8.11 UCDP Country-Year Unit**

**Translation Path: Complab Country-Year → UCDP Country-Year**

##### **Complab Country-Year Unit to UCDP Country-Year Unit translation**

COMPLAB Country-Year is translated to UCDP Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to UCDP identifier combinations are dropped, as data-quality for UCDP variables is prioritized in translations to this unit.

#### **5.8.12 UCDP Event ID Unit**

**Translation Path: Complab Country-Year → UCDP Event ID**

##### **Complab Country-Year Unit to UCDP Event ID Unit translation**

COMPLAB Country-Year is translated to UCDP Events by matching country and year identifiers from both Output Units. Country and year combinations from the starting Output unit are duplicated across all events that occurred with that country-year combination.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to UCDP identifier combinations are dropped

#### **5.8.13 UCDP Organized Violence Country-Year Unit**

**Translation Path: Complab Country-Year → UCDP Organized Violence Country-Year**

##### **Complab Country-Year Unit to UCDP Organized Violence Country-Year Unit translation**

COMPLAB Country-Year is translated to UCDP OV Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to UCDP identifier combinations are dropped, as data-quality for UCDP variables is prioritized in translations to this unit.

#### 5.8.14 V-Dem Country-Year Unit

**Translation Path: Complab Country-Year → V-Dem Country-Year**

##### **Complab Country-Year Unit to V-Dem Country-Year Unit translation**

Complab Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

#### 5.8.15 V-Dem Party-Country-Year Unit

**Translation Path: Complab Country-Year → V-Dem Country-Year**

##### **Complab Country-Year Unit to V-Dem Country-Year Unit translation**

Complab Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

#### 5.8.16 H-DATA Dyad-Year Unit

**Translation Path: Complab Country-Year → H-DATA Country-Year → H-DATA Dyad-Year**

##### **Complab Country-Year Unit to H-DATA Country-Year Unit translation**

COMPLAB Country-Year is translated to H-DATA Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to H-DATA identifier combinations are dropped, as data-quality for H-DATA variables is prioritized in translations to this unit.

##### **H-DATA Country-Year Unit to H-DATA Dyad-Year Unit translation**

Country-Years are matched to Country-Years using the country identifier for country 1 in the dyad.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

#### 5.8.17 H-DATA Minister-Date Unit

**Translation Path: Complab Country-Year → H-DATA Country-Year → H-DATA Minister-Date**

##### **Complab Country-Year Unit to H-DATA Country-Year Unit translation**

COMPLAB Country-Year is translated to H-DATA Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to H-DATA identifier combinations are dropped, as data-quality for H-DATA variables is prioritized in translations to this unit.

##### **H-DATA Country-Year Unit to H-DATA Minister-Date Unit translation**

Country-Year observations are matched to Country-Year observations based on the final year a minister in a

country was in office.

Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

#### **5.8.18 QoG Agency-Fiscal Year Unit**

**Translation Path: Complab Country-Year → QoG Country-Year → QoG Agency-Fiscal Year**

##### **Complab Country-Year Unit to QoG Country-Year Unit translation**

COMAPLB Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

##### **QoG Country-Year Unit to QoG Agency-Fiscal Year Unit translation**

Country-Year data for Sweden is matched to Agency-Year data based on the agency year.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit

#### **5.8.19 QoG Country Unit**

**Translation Path: Complab Country-Year → QoG Country-Year → QoG Country**

##### **Complab Country-Year Unit to QoG Country-Year Unit translation**

COMAPLB Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

##### **QoG Country-Year Unit to QoG Country Unit translation**

QoG Country-Year is translated to QoG Country by matching the most recent Country-Year observation to Country observations.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in the primary Output Unit.

#### **5.8.20 QoG Municipality-Year Unit**

**Translation Path: Complab Country-Year → QoG Country-Year → QoG Municipality-Year**

##### **Complab Country-Year Unit to QoG Country-Year Unit translation**

COMAPLB Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

##### **QoG Country-Year Unit to QoG Municipality-Year Unit translation**

QoG Country-Year data for Sweden is matched to Municipality-Year data based on year.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit

#### **5.8.21 QoG NUTS Region-Year Unit**

**Translation Path: Complab Country-Year → QoG Country-Year → QoG NUTS Region-Year**

##### **Complab Country-Year Unit to QoG Country-Year Unit translation**

COMAPLB Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

##### **QoG Country-Year Unit to QoG NUTS Region-Year Unit translation**

Country-Year is translated to Region-Year by matching country observations to regional observations collected for the NUTS0 level (and thus equal to the country level) and year identifiers to year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit.

#### **5.8.22 V-Dem Country-Date Unit**

**Translation Path: Complab Country-Year → V-Dem Country-Year → V-Dem Country-Date**

##### **Complab Country-Year Unit to V-Dem Country-Year Unit translation**

Complab Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

##### **V-Dem Country-Year Unit to V-Dem Country-Date Unit translation**

Countries are matched to countries and Year is extracted from Dates. Country-Year observations are then matched and duplicated across Country-Years.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

#### **5.8.23 V-Dem Country-Date-Coder Unit**

**Translation Path: Complab Country-Year → V-Dem Country-Year → V-Dem Country-Date → V-Dem Country-Date-Coder**

##### **Complab Country-Year Unit to V-Dem Country-Year Unit translation**

Complab Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

### **V-Dem Country-Year Unit to V-Dem Country-Date Unit translation**

Countries are matched to countries and Year is extracted from Dates. Country-Year observations are then matched and duplicated across Country-Years.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

### **V-Dem Country-Date Unit to V-Dem Country-Date-Coder Unit translation**

Country-Dates are matched to Country-Dates. Country-Date combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit.

## **5.8.24 QoG NUTS2 Region Unit**

**Translation Path: Complab Country-Year → QoG Country-Year → QoG NUTS Region-Year → QoG NUTS2 Region**

### **Complab Country-Year Unit to QoG Country-Year Unit translation**

COMAPLB Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

### **QoG Country-Year Unit to QoG NUTS Region-Year Unit translation**

Country-Year is translated to Region-Year by matching country observations to regional observations collected for the NUTS0 level (and thus equal to the country level) and year identifiers to year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit.

### **QoG NUTS Region-Year Unit to QoG NUTS2 Region Unit translation**

Observations for 2021 from the QoG Region Year Output Unit are matched to Country-Year.

Please note that the dataset may only contain a subset of regions and years included in its primary Output Unit.

## **5.8.25 V-Dem Party-Date-Coder Unit**

**Translation Path: Complab Country-Year → V-Dem Country-Year → V-Dem Party-Country-Year → V-Dem Party-Date-Coder**

### **Complab Country-Year Unit to V-Dem Country-Year Unit translation**

Complab Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

### **V-Dem Country-Year Unit to V-Dem Party-Country-Year Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output

Unit.

**V-Dem Party-Country-Year Unit to V-Dem Party-Date-Coder Unit translation**

Year is extracted from date. Country-, year- and party identifiers are matched to corresponding country-year-party combinations. Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit.



## 5.9 COMPLAB SPIN The Child Benefit Dataset (CBD)

*Dataset tag:* complab\_spin\_cbd

*Output Unit:* COMPLAB Country-Year, i.e., data is collected per country and year.

*Description:* The Child Benefit Dataset (CBD) covers various forms of child benefit programs, including universal and employment related child benefits, income-related child allowances, child tax rebates on social security contributions, child tax allowances and child tax credits for 18 countries 1960-2015. Focus is on the level of benefits, expressed in absolute amounts and as percentages of average wages.

*Dataset citation:* Nelson, K., Fredriksson, D., Korpi, T., Korpi, W., Palme, J. and O. Sjöberg. 2020. The Social Policy Indicators (SPIN) database. *International Journal of Social Welfare*. 29 (3). 285-289. <https://doi.org/10.1111/ijsw.12418>

*License:* Complab datasets are free to use. Although variables have been carefully extracted, processed and analyzed, no warranty is given that the information supplied is free from error. Researchers involved in the establishment of SPIN shall not be liable for any loss suffered through the use of any of this information. References to data should acknowledge the SPIN research infrastructure (see reference below) and the specific data module.

More detailed information on the dataset can be found at the following web page: <https://www.spin.su.se/datasets/cbd>

**Unit Notes:** The unit for this dataset is country and year. That means each row in the dataset can be identified by one country in combination with a year, using the columns country\_code (ISO 3-letter-code) and year or country\_nr (ISO numeric code) and year.

An additional country column storing the countries' full names is created as a unit identifier.

Please note that we renamed the original country variables to synchronize Complab country variable names in Demscore.

### 5.9.1 Complab Country-Year Unit

**Translation Path: Complab Country-Year (Primary Output Unit)**

Complab Country-Year is the primary unit.

### 5.9.2 Complab Country-Year-Policy Unit

**Translation Path: Complab Country-Year → Complab Country-Year-Policy**

**Complab Country-Year Unit to Complab Country-Year-Policy Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

### 5.9.3 Complab Country-Year-Track Unit

**Translation Path: Complab Country-Year → Complab Country-Year-Track**

**Complab Country-Year Unit to Complab Country-Year-Track Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

#### **5.9.4 Demscore Country-Year Unit**

**Translation Path: Complab Country-Year → Demscore Country-Year**

##### **Complab Country-Year Unit to Demscore Country-Year Unit translation**

COMPLAB Country-Year is translated to DEMSCORE Country-Year by matching country and year identifiers from both Output Units.

COMPLAB identifier combinations that cannot be matched to DEMSCORE identifier combinations are dropped.

#### **5.9.5 H-DATA Cabinet-Date Unit**

**Translation Path: Complab Country-Year → H-DATA Cabinet-Date**

##### **Complab Country-Year Unit to H-DATA Cabinet-Date Unit translation**

Complab Country-Year observations are matched to the final year a cabinet was in office.

Please note that your selected Complab variables may only contain observations for a subset of countries and years included in their primary Output Unit.

Complab identifier combinations that cannot be matched to H-DATA identifier combinations are dropped, as data-quality for H-DATA variables is prioritized in translations to this unit.

#### **5.9.6 H-DATA Country-Year Unit**

**Translation Path: Complab Country-Year → H-DATA Country-Year**

##### **Complab Country-Year Unit to H-DATA Country-Year Unit translation**

COMPLAB Country-Year is translated to H-DATA Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to H-DATA identifier combinations are dropped, as data-quality for H-DATA variables is prioritized in translations to this unit.

#### **5.9.7 QoG Country-Year Unit**

**Translation Path: Complab Country-Year → QoG Country-Year**

##### **Complab Country-Year Unit to QoG Country-Year Unit translation**

COMAPLB Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

#### **5.9.8 REPDEM Cabinet-Party Unit**

**Translation Path: Complab Country-Year → REPDEM Cabinet-Party**

##### **Complab Country-Year Unit to REPDEM Cabinet-Party Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

### 5.9.9 REPDEM Country-Year Unit

**Translation Path: Complab Country-Year → REPDEM Country-Year**

#### **Complab Country-Year Unit to REPDEM Country-Year Unit translation**

COMPLAB Country-Year is translated to REPDEM Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to REPDEM identifier combinations are dropped, as data-quality for REPDEM variables is prioritized in translations to this unit.

### 5.9.10 Repdem Cabinet-Date Unit

**Translation Path: Complab Country-Year → Repdem Cabinet-Date**

#### **Complab Country-Year Unit to Repdem Cabinet-Date Unit translation**

COMPLAB Country-Year observations are matched to the final year a cabinet was in office.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to REPDEM identifier combinations are dropped, as data-quality for REPDEM variables is prioritized in translations to this unit.

### 5.9.11 UCDP Country-Year Unit

**Translation Path: Complab Country-Year → UCDP Country-Year**

#### **Complab Country-Year Unit to UCDP Country-Year Unit translation**

COMPLAB Country-Year is translated to UCDP Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to UCDP identifier combinations are dropped, as data-quality for UCDP variables is prioritized in translations to this unit.

#### **Additional information:**

UCDP uses Gleditsch and Ward country identifiers, COMPLAB uses ISO 3166 country codes. We match on country names.

### 5.9.12 UCDP Event ID Unit

**Translation Path: Complab Country-Year → UCDP Event ID**

#### **Complab Country-Year Unit to UCDP Event ID Unit translation**

COMPLAB Country-Year is translated to UCDP Events by matching country and year identifiers from both Output Units. Country and year combinations from the starting Output unit are duplicated across all events that occurred with that country-year combination.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to UCDP identifier combinations are dropped

#### **Additional information:**

Please be aware that for this translation, we match Complab Country identifiers to the location variable in the UCDP GED Dataset.

### 5.9.13 UCDP Organized Violence Country-Year Unit

**Translation Path: Complab Country-Year → UCDP Organized Violence Country-Year**

#### **Complab Country-Year Unit to UCDP Organized Violence Country-Year Unit translation**

COMPLAB Country-Year is translated to UCDP OV Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to UCDP identifier combinations are dropped, as data-quality for UCDP variables is prioritized in translations to this unit.

#### **Additional information:**

UCDP uses Gleditsch and Ward country identifiers, COMPLAB uses ISO 3166 country codes. We match on country names.

### 5.9.14 V-Dem Country-Year Unit

**Translation Path: Complab Country-Year → V-Dem Country-Year**

#### **Complab Country-Year Unit to V-Dem Country-Year Unit translation**

Complab Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

### 5.9.15 H-DATA Dyad-Year Unit

**Translation Path: Complab Country-Year → H-DATA Country-Year → H-DATA Dyad-Year**

#### **Complab Country-Year Unit to H-DATA Country-Year Unit translation**

COMPLAB Country-Year is translated to H-DATA Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to H-DATA identifier combinations are dropped, as data-quality for H-DATA variables is prioritized in translations to this unit.

#### **H-DATA Country-Year Unit to H-DATA Dyad-Year Unit translation**

Country-Years are matched to Country-Years using the country identifier for country 1 in the dyad.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

### 5.9.16 H-DATA Minister-Date Unit

**Translation Path: Complab Country-Year → H-DATA Country-Year → H-DATA Minister-Date**

#### **Complab Country-Year Unit to H-DATA Country-Year Unit translation**

COMPLAB Country-Year is translated to H-DATA Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched

to H-DATA identifier combinations are dropped, as data-quality for H-DATA variables is prioritized in translations to this unit.

#### **H-DATA Country-Year Unit to H-DATA Minister-Date Unit translation**

Country-Year observations are matched to Country-Year observations based on the final year a minister in a country was in office.

Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

#### **5.9.17 QoG Agency-Fiscal Year Unit**

**Translation Path: Complab Country-Year → QoG Country-Year → QoG Agency-Fiscal Year**

##### **Complab Country-Year Unit to QoG Country-Year Unit translation**

COMAPLB Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

##### **QoG Country-Year Unit to QoG Agency-Fiscal Year Unit translation**

Country-Year data for Sweden is matched to Agency-Year data based on the agency year.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit

#### **5.9.18 QoG Country Unit**

**Translation Path: Complab Country-Year → QoG Country-Year → QoG Country**

##### **Complab Country-Year Unit to QoG Country-Year Unit translation**

COMAPLB Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

##### **QoG Country-Year Unit to QoG Country Unit translation**

QoG Country-Year is translated to QoG Country by matching the most recent Country-Year observation to Country observations.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in the primary Output Unit.

#### **5.9.19 QoG Municipality-Year Unit**

**Translation Path: Complab Country-Year → QoG Country-Year → QoG Municipality-Year**

##### **Complab Country-Year Unit to QoG Country-Year Unit translation**

COMAPLB Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries

and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

#### **QoG Country-Year Unit to QoG Municipality-Year Unit translation**

QoG Country-Year data for Sweden is matched to Municipality-Year data based on year.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit

### **5.9.20 QoG NUTS Region-Year Unit**

**Translation Path: Complab Country-Year → QoG Country-Year → QoG NUTS Region-Year**

#### **Complab Country-Year Unit to QoG Country-Year Unit translation**

COMAPLB Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

#### **QoG Country-Year Unit to QoG NUTS Region-Year Unit translation**

Country-Year is translated to Region-Year by matching country observations to regional observations collected for the NUTS0 level (and thus equal to the country level) and year identifiers to year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit.

### **5.9.21 V-Dem Country-Date Unit**

**Translation Path: Complab Country-Year → V-Dem Country-Year → V-Dem Country-Date**

#### **Complab Country-Year Unit to V-Dem Country-Year Unit translation**

Complab Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

#### **V-Dem Country-Year Unit to V-Dem Country-Date Unit translation**

Countries are matched to countries and Year is extracted from Dates. Country-Year observations are then matched and duplicated across Country-Years.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

### **5.9.22 V-Dem Party-Country-Year Unit**

**Translation Path: Complab Country-Year → V-Dem Country-Year → V-Dem Party-Country-Year**

#### **Complab Country-Year Unit to V-Dem Country-Year Unit translation**

Complab Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

#### **V-Dem Country-Year Unit to V-Dem Party-Country-Year Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

### **5.9.23 QoG NUTS2 Region Unit**

**Translation Path: Complab Country-Year → QoG Country-Year → QoG NUTS Region-Year → QoG NUTS2 Region**

#### **Complab Country-Year Unit to QoG Country-Year Unit translation**

COMAPLB Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

#### **QoG Country-Year Unit to QoG NUTS Region-Year Unit translation**

Country-Year is translated to Region-Year by matching country observations to regional observations collected for the NUTS0 level (and thus equal to the country level) and year identifiers to year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit.

#### **QoG NUTS Region-Year Unit to QoG NUTS2 Region Unit translation**

Observations for 2021 from the QoG Region Year Output Unit are matched to Country-Year.

Please note that the dataset may only contain a subset of regions and years included in its primary Output Unit.

### **5.9.24 V-Dem Country-Date-Coder Unit**

**Translation Path: Complab Country-Year → V-Dem Country-Year → V-Dem Country-Date → V-Dem Country-Date-Coder**

#### **Complab Country-Year Unit to V-Dem Country-Year Unit translation**

Complab Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

#### **V-Dem Country-Year Unit to V-Dem Country-Date Unit translation**

Countries are matched to countries and Year is extracted from Dates. Country-Year observations are then matched and duplicated across Country-Years.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

### **V-Dem Country-Date Unit to V-Dem Country-Date-Coder Unit translation**

Country-Dates are matched to Country-Dates. Country-Date combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit.

### **5.9.25 V-Dem Party-Date-Coder Unit**

**Translation Path: Complab Country-Year → V-Dem Country-Year → V-Dem Party-Country-Year → V-Dem Party-Date-Coder**

#### **Complab Country-Year Unit to V-Dem Country-Year Unit translation**

Complab Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

#### **V-Dem Country-Year Unit to V-Dem Party-Country-Year Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

#### **V-Dem Party-Country-Year Unit to V-Dem Party-Date-Coder Unit translation**

Year is extracted from date. Country-, year- and party identifiers are matched to corresponding country-year-party combinations. Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit.



## 5.10 COMPLAB SPIN The Housing Benefit Dataset (HBEN)

*Dataset tag:* complab\_spin\_hben

*Output Unit:* COMPLAB Country-Year, i.e., data is collected per country and year.

*Description:* The Housing Benefits Dataset (HBEN) is part of the SPIN database at the Swedish Institute for Social Research (Stockholm University). It is an ongoing research project with the aim to improve the possibilities to conduct large-scale institutionally informed comparative and longitudinal analyses of social policy in general and of housing benefits in particular. The current version of HBEN includes detailed information about the generosity of means-tested benefits in 39 countries year-by-year for the period 2001–2020.

*Dataset citation:* Nelson, K., Fredriksson, D., Korpi, T., Korpi, W., Palme, J. and O. Sjöberg. 2020. The Social Policy Indicators (SPIN) database. International Journal of Social Welfare 29(3), 285-289. <https://doi.org/10.1111/ijsw.12418>.

*License:* Complab datasets are free to use. Although variables have been carefully extracted, processed and analyzed, no warranty is given that the information supplied is free from error. Researchers involved in the establishment of SPIN shall not be liable for any loss suffered through the use of any of this information. References to data should acknowledge the SPIN research infrastructure (see reference below) and the specific data module.

More detailed information on the dataset can be found at the following web page: <https://www.spin.su.se/datasets/hben>

**Unit Notes:** The unit for this dataset is country and year. That means each row in the dataset can be identified by one country in combination with a year, using the columns country\_code (ISO 3-letter-code) and year or country\_nr (ISO numeric code) and year.

An additional country column storing the countries' full names is created as a unit identifier.

Please note that we renamed the original country variables to synchronize Complab country variable names in Demscore.

### 5.10.1 Complab Country-Year Unit

**Translation Path: Complab Country-Year (Primary Output Unit)**

Complab Country-Year is the primary unit.

### 5.10.2 Complab Country-Year-Policy Unit

**Translation Path: Complab Country-Year → Complab Country-Year-Policy**

**Complab Country-Year Unit to Complab Country-Year-Policy Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

### 5.10.3 Complab Country-Year-Track Unit

**Translation Path: Complab Country-Year → Complab Country-Year-Track**

**Complab Country-Year Unit to Complab Country-Year-Track Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

#### 5.10.4 Demscore Country-Year Unit

**Translation Path: Complab Country-Year → Demscore Country-Year**

##### **Complab Country-Year Unit to Demscore Country-Year Unit translation**

COMPLAB Country-Year is translated to DEMSCORE Country-Year by matching country and year identifiers from both Output Units.

COMPLAB identifier combinations that cannot be matched to DEMSCORE identifier combinations are dropped.

#### 5.10.5 H-DATA Cabinet-Date Unit

**Translation Path: Complab Country-Year → H-DATA Cabinet-Date**

##### **Complab Country-Year Unit to H-DATA Cabinet-Date Unit translation**

Complab Country-Year observations are matched to the final year a cabinet was in office.

Please note that your selected Complab variables may only contain observations for a subset of countries and years included in their primary Output Unit.

Complab identifier combinations that cannot be matched to H-DATA identifier combinations are dropped, as data-quality for H-DATA variables is prioritized in translations to this unit.

#### 5.10.6 H-DATA Country-Year Unit

**Translation Path: Complab Country-Year → H-DATA Country-Year**

##### **Complab Country-Year Unit to H-DATA Country-Year Unit translation**

COMPLAB Country-Year is translated to H-DATA Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to H-DATA identifier combinations are dropped, as data-quality for H-DATA variables is prioritized in translations to this unit.

#### 5.10.7 QoG Country-Year Unit

**Translation Path: Complab Country-Year → QoG Country-Year**

##### **Complab Country-Year Unit to QoG Country-Year Unit translation**

COMAPLB Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

#### 5.10.8 REPDEM Cabinet-Party Unit

**Translation Path: Complab Country-Year → REPDEM Cabinet-Party**

##### **Complab Country-Year Unit to REPDEM Cabinet-Party Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

### 5.10.9 REPDEM Country-Year Unit

**Translation Path: Complab Country-Year → REPDEM Country-Year**

#### **Complab Country-Year Unit to REPDEM Country-Year Unit translation**

COMPLAB Country-Year is translated to REPDEM Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to REPDEM identifier combinations are dropped, as data-quality for REPDEM variables is prioritized in translations to this unit.

### 5.10.10 Repdem Cabinet-Date Unit

**Translation Path: Complab Country-Year → Repdem Cabinet-Date**

#### **Complab Country-Year Unit to Repdem Cabinet-Date Unit translation**

COMPLAB Country-Year observations are matched to the final year a cabinet was in office.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to REPDEM identifier combinations are dropped, as data-quality for REPDEM variables is prioritized in translations to this unit.

### 5.10.11 UCDP Country-Year Unit

**Translation Path: Complab Country-Year → UCDP Country-Year**

#### **Complab Country-Year Unit to UCDP Country-Year Unit translation**

COMPLAB Country-Year is translated to UCDP Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to UCDP identifier combinations are dropped, as data-quality for UCDP variables is prioritized in translations to this unit.

#### **Additional information:**

UCDP uses Gleditsch and Ward country identifiers, COMPLAB uses ISO 3166 country codes. We match on country names.

### 5.10.12 UCDP Event ID Unit

**Translation Path: Complab Country-Year → UCDP Event ID**

#### **Complab Country-Year Unit to UCDP Event ID Unit translation**

COMPLAB Country-Year is translated to UCDP Events by matching country and year identifiers from both Output Units. Country and year combinations from the starting Output unit are duplicated across all events that occurred with that country-year combination.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to UCDP identifier combinations are dropped

#### **Additional information:**

Please be aware that for this translation, we match Complab Country identifiers to the location variable in the UCDP GED Dataset.

### 5.10.13 UCDP Organized Violence Country-Year Unit

**Translation Path:** Complab Country-Year → UCDP Organized Violence Country-Year

#### **Complab Country-Year Unit to UCDP Organized Violence Country-Year Unit translation**

COMPLAB Country-Year is translated to UCDP OV Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to UCDP identifier combinations are dropped, as data-quality for UCDP variables is prioritized in translations to this unit.

#### **Additional information:**

UCDP uses Gleditsch and Ward country identifiers, COMPLAB uses ISO 3166 country codes. We match on country names.

### 5.10.14 V-Dem Country-Year Unit

**Translation Path:** Complab Country-Year → V-Dem Country-Year

#### **Complab Country-Year Unit to V-Dem Country-Year Unit translation**

Complab Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

### 5.10.15 H-DATA Dyad-Year Unit

**Translation Path:** Complab Country-Year → H-DATA Country-Year → H-DATA Dyad-Year

#### **Complab Country-Year Unit to H-DATA Country-Year Unit translation**

COMPLAB Country-Year is translated to H-DATA Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to H-DATA identifier combinations are dropped, as data-quality for H-DATA variables is prioritized in translations to this unit.

#### **H-DATA Country-Year Unit to H-DATA Dyad-Year Unit translation**

Country-Years are matched to Country-Years using the country identifier for country 1 in the dyad.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

### 5.10.16 H-DATA Minister-Date Unit

**Translation Path:** Complab Country-Year → H-DATA Country-Year → H-DATA Minister-Date

#### **Complab Country-Year Unit to H-DATA Country-Year Unit translation**

COMPLAB Country-Year is translated to H-DATA Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched

to H-DATA identifier combinations are dropped, as data-quality for H-DATA variables is prioritized in translations to this unit.

#### **H-DATA Country-Year Unit to H-DATA Minister-Date Unit translation**

Country-Year observations are matched to Country-Year observations based on the final year a minister in a country was in office.

Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

#### **5.10.17 QoG Agency-Fiscal Year Unit**

**Translation Path: Complab Country-Year → QoG Country-Year → QoG Agency-Fiscal Year**

##### **Complab Country-Year Unit to QoG Country-Year Unit translation**

COMAPLB Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

##### **QoG Country-Year Unit to QoG Agency-Fiscal Year Unit translation**

Country-Year data for Sweden is matched to Agency-Year data based on the agency year.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit

#### **5.10.18 QoG Country Unit**

**Translation Path: Complab Country-Year → QoG Country-Year → QoG Country**

##### **Complab Country-Year Unit to QoG Country-Year Unit translation**

COMAPLB Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

##### **QoG Country-Year Unit to QoG Country Unit translation**

QoG Country-Year is translated to QoG Country by matching the most recent Country-Year observation to Country observations.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in the primary Output Unit.

#### **5.10.19 QoG Municipality-Year Unit**

**Translation Path: Complab Country-Year → QoG Country-Year → QoG Municipality-Year**

##### **Complab Country-Year Unit to QoG Country-Year Unit translation**

COMAPLB Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries

and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

#### **QoG Country-Year Unit to QoG Municipality-Year Unit translation**

QoG Country-Year data for Sweden is matched to Municipality-Year data based on year.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit

#### **5.10.20 QoG NUTS Region-Year Unit**

**Translation Path: Complab Country-Year → QoG Country-Year → QoG NUTS Region-Year**

#### **Complab Country-Year Unit to QoG Country-Year Unit translation**

COMAPLB Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

#### **QoG Country-Year Unit to QoG NUTS Region-Year Unit translation**

Country-Year is translated to Region-Year by matching country observations to regional observations collected for the NUTS0 level (and thus equal to the country level) and year identifiers to year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit.

#### **5.10.21 V-Dem Country-Date Unit**

**Translation Path: Complab Country-Year → V-Dem Country-Year → V-Dem Country-Date**

#### **Complab Country-Year Unit to V-Dem Country-Year Unit translation**

Complab Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

#### **V-Dem Country-Year Unit to V-Dem Country-Date Unit translation**

Countries are matched to countries and Year is extracted from Dates. Country-Year observations are then matched and duplicated across Country-Years.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

#### **5.10.22 V-Dem Party-Country-Year Unit**

**Translation Path: Complab Country-Year → V-Dem Country-Year → V-Dem Party-Country-Year**

#### **Complab Country-Year Unit to V-Dem Country-Year Unit translation**

Complab Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

#### **V-Dem Country-Year Unit to V-Dem Party-Country-Year Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

#### **5.10.23 QoG NUTS2 Region Unit**

**Translation Path: Complab Country-Year → QoG Country-Year → QoG NUTS Region-Year → QoG NUTS2 Region**

##### **Complab Country-Year Unit to QoG Country-Year Unit translation**

COMAPLB Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

##### **QoG Country-Year Unit to QoG NUTS Region-Year Unit translation**

Country-Year is translated to Region-Year by matching country observations to regional observations collected for the NUTS0 level (and thus equal to the country level) and year identifiers to year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit.

##### **QoG NUTS Region-Year Unit to QoG NUTS2 Region Unit translation**

Observations for 2021 from the QoG Region Year Output Unit are matched to Country-Year.

Please note that the dataset may only contain a subset of regions and years included in its primary Output Unit.

#### **5.10.24 V-Dem Country-Date-Coder Unit**

**Translation Path: Complab Country-Year → V-Dem Country-Year → V-Dem Country-Date → V-Dem Country-Date-Coder**

##### **Complab Country-Year Unit to V-Dem Country-Year Unit translation**

Complab Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

##### **V-Dem Country-Year Unit to V-Dem Country-Date Unit translation**

Countries are matched to countries and Year is extracted from Dates. Country-Year observations are then matched and duplicated across Country-Years.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

#### **V-Dem Country-Date Unit to V-Dem Country-Date-Coder Unit translation**

Country-Dates are matched to Country-Dates. Country-Date combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit.

#### **5.10.25 V-Dem Party-Date-Coder Unit**

**Translation Path: Complab Country-Year → V-Dem Country-Year → V-Dem Party-Country-Year → V-Dem Party-Date-Coder**

#### **Complab Country-Year Unit to V-Dem Country-Year Unit translation**

Complab Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

#### **V-Dem Country-Year Unit to V-Dem Party-Country-Year Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

#### **V-Dem Party-Country-Year Unit to V-Dem Party-Date-Coder Unit translation**

Year is extracted from date. Country-, year- and party identifiers are matched to corresponding country-year-party combinations. Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit.



## 5.11 COMPLAB SPIN The Out-of-Work Benefits Dataset (OUTWB)

**Dataset tag:** complab\_spin\_outwb

**Output Unit:** COMPLAB Country-Year, i.e., data is collected per country and year.

**Description:** The Out-of-Work Benefits Dataset (OUTWB) dataset covers various types of out-of-work benefits in a large number of countries. Variables in the dataset are calculated based on information provided by the OECD (Benefit and Wages project), <http://www.oecd.org/els/soc/benefits-and-wages.htm>. The dataset does not only include net replacement rates across a great number of earnings-levels, but includes also various measures capturing the progressivity of income replacement. Besides unemployment insurance, the various benefits packages in the dataset include information on unemployment assistance, social assistance, child benefits, fiscal benefits and housing allowances. In the current version, the dataset includes 39 countries covering the years 2001-2011.

**Dataset citation:** Nelson, K., Fredriksson, D., Korpi, T., Korpi, W., Palme, J. and O. Sjöberg. 2020. The Social Policy Indicators (SPIN) database. *International Journal of Social Welfare*. 29 (3). 285-289. <https://doi.org/10.1111/ijsw.12418>

**License:** Complab datasets are free to use. Although variables have been carefully extracted, processed and analyzed, no warranty is given that the information supplied is free from error. Researchers involved in the establishment of SPIN shall not be liable for any loss suffered through the use of any of this information. References to data should acknowledge the SPIN research infrastructure (see reference below) and the specific data module.

More detailed information on the dataset can be found at the following web page: <https://www.spin.su.se/datasets/outwb>

**Unit Notes:** The unit for this dataset is country and year. That means each row in the dataset can be identified by one country in combination with a year, using the columns `country_code` (ISO 3-letter-code) and `year` or `country_nr` (ISO numeric code) and `year`.

An additional country column storing the countries' full names is created as a unit identifier.

Please note that we renamed the original country variables to synchronize Complab country variable names in Demscore.

### 5.11.1 Complab Country-Year Unit

**Translation Path: Complab Country-Year (Primary Output Unit)**

Complab Country-Year is the primary unit.

### 5.11.2 Complab Country-Year-Policy Unit

**Translation Path: Complab Country-Year → Complab Country-Year-Policy**

**Complab Country-Year Unit to Complab Country-Year-Policy Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

### 5.11.3 Complab Country-Year-Track Unit

**Translation Path: Complab Country-Year → Complab Country-Year-Track**

**Complab Country-Year Unit to Complab Country-Year-Track Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit,

combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

#### **5.11.4 Demscore Country-Year Unit**

**Translation Path: Complab Country-Year → Demscore Country-Year**

**Complab Country-Year Unit to Demscore Country-Year Unit translation**

COMPLAB Country-Year is translated to DEMSCORE Country-Year by matching country and year identifiers from both Output Units.

COMPLAB identifier combinations that cannot be matched to DEMSCORE identifier combinations are dropped.

#### **5.11.5 H-DATA Cabinet-Date Unit**

**Translation Path: Complab Country-Year → H-DATA Cabinet-Date**

**Complab Country-Year Unit to H-DATA Cabinet-Date Unit translation**

Complab Country-Year observations are matched to the final year a cabinet was in office.

Please note that your selected Complab variables may only contain observations for a subset of countries and years included in their primary Output Unit.

Complab identifier combinations that cannot be matched to H-DATA identifier combinations are dropped, as data-quality for H-DATA variables is prioritized in translations to this unit.

#### **5.11.6 H-DATA Country-Year Unit**

**Translation Path: Complab Country-Year → H-DATA Country-Year**

**Complab Country-Year Unit to H-DATA Country-Year Unit translation**

COMPLAB Country-Year is translated to H-DATA Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to H-DATA identifier combinations are dropped, as data-quality for H-DATA variables is prioritized in translations to this unit.

#### **5.11.7 QoG Country-Year Unit**

**Translation Path: Complab Country-Year → QoG Country-Year**

**Complab Country-Year Unit to QoG Country-Year Unit translation**

COMAPLB Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

#### **5.11.8 REPDEM Cabinet-Party Unit**

**Translation Path: Complab Country-Year → REPDEM Cabinet-Party**

**Complab Country-Year Unit to REPDEM Cabinet-Party Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting

Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

#### **5.11.9 REPDEM Country-Year Unit**

**Translation Path: Complab Country-Year → REPDEM Country-Year**

##### **Complab Country-Year Unit to REPDEM Country-Year Unit translation**

COMPLAB Country-Year is translated to REPDEM Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to REPDEM identifier combinations are dropped, as data-quality for REPDEM variables is prioritized in translations to this unit.

#### **5.11.10 Repdem Cabinet-Date Unit**

**Translation Path: Complab Country-Year → Repdem Cabinet-Date**

##### **Complab Country-Year Unit to Repdem Cabinet-Date Unit translation**

COMPLAB Country-Year observations are matched to the final year a cabinet was in office.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to REPDEM identifier combinations are dropped, as data-quality for REPDEM variables is prioritized in translations to this unit.

#### **5.11.11 UCDP Country-Year Unit**

**Translation Path: Complab Country-Year → UCDP Country-Year**

##### **Complab Country-Year Unit to UCDP Country-Year Unit translation**

COMPLAB Country-Year is translated to UCDP Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to UCDP identifier combinations are dropped, as data-quality for UCDP variables is prioritized in translations to this unit.

##### **Additional information:**

UCDP uses Gleditsch and Ward country identifiers, COMPLAB uses ISO 3166 country codes. We match on country names.

#### **5.11.12 UCDP Event ID Unit**

**Translation Path: Complab Country-Year → UCDP Event ID**

##### **Complab Country-Year Unit to UCDP Event ID Unit translation**

COMPLAB Country-Year is translated to UCDP Events by matching country and year identifiers from both Output Units. Country and year combinations from the starting Output unit are duplicated across all events that occurred with that country-year combination.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to UCDP identifier combinations are dropped

**Additional information:**

Please be aware that for this translation, we match Complab Country identifiers to the location variable in the UCDP GED Dataset.

**5.11.13 UCDP Organized Violence Country-Year Unit**

**Translation Path: Complab Country-Year → UCDP Organized Violence Country-Year**

**Complab Country-Year Unit to UCDP Organized Violence Country-Year Unit translation**

COMPLAB Country-Year is translated to UCDP OV Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to UCDP identifier combinations are dropped, as data-quality for UCDP variables is prioritized in translations to this unit.

**Additional information:**

UCDP uses Gleditsch and Ward country identifiers, COMPLAB uses ISO 3166 country codes. We match on country names.

**5.11.14 V-Dem Country-Year Unit**

**Translation Path: Complab Country-Year → V-Dem Country-Year**

**Complab Country-Year Unit to V-Dem Country-Year Unit translation**

Complab Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

**5.11.15 H-DATA Dyad-Year Unit**

**Translation Path: Complab Country-Year → H-DATA Country-Year → H-DATA Dyad-Year**

**Complab Country-Year Unit to H-DATA Country-Year Unit translation**

COMPLAB Country-Year is translated to H-DATA Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to H-DATA identifier combinations are dropped, as data-quality for H-DATA variables is prioritized in translations to this unit.

**H-DATA Country-Year Unit to H-DATA Dyad-Year Unit translation**

Country-Years are matched to Country-Years using the country identifier for country 1 in the dyad.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

**5.11.16 H-DATA Minister-Date Unit**

**Translation Path: Complab Country-Year → H-DATA Country-Year → H-DATA Minister-Date**

**Complab Country-Year Unit to H-DATA Country-Year Unit translation**

COMPLAB Country-Year is translated to H-DATA Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to H-DATA identifier combinations are dropped, as data-quality for H-DATA variables is prioritized in translations to this unit.

#### **H-DATA Country-Year Unit to H-DATA Minister-Date Unit translation**

Country-Year observations are matched to Country-Year observations based on the final year a minister in a country was in office.

Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

#### **5.11.17 QoG Agency-Fiscal Year Unit**

**Translation Path: Complab Country-Year → QoG Country-Year → QoG Agency-Fiscal Year**

#### **Complab Country-Year Unit to QoG Country-Year Unit translation**

COMAPLB Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

#### **QoG Country-Year Unit to QoG Agency-Fiscal Year Unit translation**

Country-Year data for Sweden is matched to Agency-Year data based on the agency year.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit

#### **5.11.18 QoG Country Unit**

**Translation Path: Complab Country-Year → QoG Country-Year → QoG Country**

#### **Complab Country-Year Unit to QoG Country-Year Unit translation**

COMAPLB Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

#### **QoG Country-Year Unit to QoG Country Unit translation**

QoG Country-Year is translated to QoG Country by matching the most recent Country-Year observation to Country observations.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in the primary Output Unit.

#### **5.11.19 QoG Municipality-Year Unit**

**Translation Path: Complab Country-Year → QoG Country-Year → QoG Municipality-Year**

#### **Complab Country-Year Unit to QoG Country-Year Unit translation**

COMAPLB Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

#### **QoG Country-Year Unit to QoG Municipality-Year Unit translation**

QoG Country-Year data for Sweden is matched to Municipality-Year data based on year.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit

#### **5.11.20 QoG NUTS Region-Year Unit**

**Translation Path: Complab Country-Year → QoG Country-Year → QoG NUTS Region-Year**

##### **Complab Country-Year Unit to QoG Country-Year Unit translation**

COMAPLB Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

##### **QoG Country-Year Unit to QoG NUTS Region-Year Unit translation**

Country-Year is translated to Region-Year by matching country observations to regional observations collected for the NUTS0 level (and thus equal to the country level) and year identifiers to year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit.

#### **5.11.21 V-Dem Country-Date Unit**

**Translation Path: Complab Country-Year → V-Dem Country-Year → V-Dem Country-Date**

##### **Complab Country-Year Unit to V-Dem Country-Year Unit translation**

Complab Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

##### **V-Dem Country-Year Unit to V-Dem Country-Date Unit translation**

Countries are matched to countries and Year is extracted from Dates. Country-Year observations are then matched and duplicated across Country-Years.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

#### **5.11.22 V-Dem Party-Country-Year Unit**

**Translation Path: Complab Country-Year → V-Dem Country-Year → V-Dem Party-Country-Year**

### **Complab Country-Year Unit to V-Dem Country-Year Unit translation**

Complab Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

### **V-Dem Country-Year Unit to V-Dem Party-Country-Year Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

## **5.11.23 QoG NUTS2 Region Unit**

**Translation Path: Complab Country-Year → QoG Country-Year → QoG NUTS Region-Year → QoG NUTS2 Region**

### **Complab Country-Year Unit to QoG Country-Year Unit translation**

COMAPLB Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

### **QoG Country-Year Unit to QoG NUTS Region-Year Unit translation**

Country-Year is translated to Region-Year by matching country observations to regional observations collected for the NUTS0 level (and thus equal to the country level) and year identifiers to year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit.

### **QoG NUTS Region-Year Unit to QoG NUTS2 Region Unit translation**

Observations for 2021 from the QoG Region Year Output Unit are matched to Country-Year.

Please note that the dataset may only contain a subset of regions and years included in its primary Output Unit.

## **5.11.24 V-Dem Country-Date-Coder Unit**

**Translation Path: Complab Country-Year → V-Dem Country-Year → V-Dem Country-Date → V-Dem Country-Date-Coder**

### **Complab Country-Year Unit to V-Dem Country-Year Unit translation**

Complab Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

### **V-Dem Country-Year Unit to V-Dem Country-Date Unit translation**

Countries are matched to countries and Year is extracted from Dates. Country-Year observations are then

matched and duplicated across Country-Years.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

#### **V-Dem Country-Date Unit to V-Dem Country-Date-Coder Unit translation**

Country-Dates are matched to Country-Dates. Country-Date combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit.

#### **5.11.25 V-Dem Party-Date-Coder Unit**

**Translation Path: Complab Country-Year → V-Dem Country-Year → V-Dem Party-Country-Year → V-Dem Party-Date-Coder**

#### **Complab Country-Year Unit to V-Dem Country-Year Unit translation**

Complab Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

#### **V-Dem Country-Year Unit to V-Dem Party-Country-Year Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

#### **V-Dem Party-Country-Year Unit to V-Dem Party-Date-Coder Unit translation**

Year is extracted from date. Country-, year- and party identifiers are matched to corresponding country-year-party combinations. Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit.



## 5.12 COMPLAB SPIN The Parental Leave Benefit Dataset (PLB)

*Dataset tag:* complab\_spin\_plb

*Output Unit:* COMPLAB Country-Year, i.e., data is collected per country and year.

*Description:* The Parental Leave Benefit dataset (PLB) is a data module of SPIN that establishes indicators on parental leave benefits and related family policy programs. The purpose of PLB is to improve possibilities for systematic, comparative and longitudinal institutional analyses of the causes and consequences of family policy development.

The first version of the PLB dataset contained information about earnings-related parental leave insurance benefits in 18 countries 1950 to 2010. This update of PLB expands the previous version. It contains information on different types of parental leave benefits in 34 countries up to 2015, collected within five-year intervals. For previous versions of the PLB dataset, please contact the SPIN-team.

*Dataset citation:* Nelson, K., Fredriksson, D., Korpi, T., Korpi, W., Palme, J. and O. Sjöberg. 2020. The Social Policy Indicators (SPIN) database. *International Journal of Social Welfare*. 29 (3). 285-289. <https://doi.org/10.1111/ijsw.12418>

*License:* Complab datasets are free to use. Although variables have been carefully extracted, processed and analyzed, no warranty is given that the information supplied is free from error. Researchers involved in the establishment of SPIN shall not be liable for any loss suffered through the use of any of this information. References to data should acknowledge the SPIN research infrastructure (see reference below) and the specific data module.

More detailed information on the dataset can be found at the following web page: <https://www.spin.su.se/datasets/plb>

**Unit Notes:** The unit for this dataset is country and year. That means each row in the dataset can be identified by one country in combination with a year, using the columns `country_code` (ISO 3-letter-code) and `year` or `country_nr` (ISO numeric code) and `year`.

An additional country column storing the countries' full names is created as a unit identifier.

Please note that we renamed the original country variables to synchronize Complab country variable names in Demscore.

### 5.12.1 Complab Country-Year Unit

**Translation Path: Complab Country-Year (Primary Output Unit)**

Complab Country-Year is the primary unit.

### 5.12.2 Complab Country-Year-Policy Unit

**Translation Path: Complab Country-Year → Complab Country-Year-Policy**

**Complab Country-Year Unit to Complab Country-Year-Policy Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

### 5.12.3 Complab Country-Year-Track Unit

**Translation Path: Complab Country-Year → Complab Country-Year-Track**

**Complab Country-Year Unit to Complab Country-Year-Track Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit,

combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

#### **5.12.4 Demscore Country-Year Unit**

**Translation Path: Complab Country-Year → Demscore Country-Year**

**Complab Country-Year Unit to Demscore Country-Year Unit translation**

COMPLAB Country-Year is translated to DEMSCORE Country-Year by matching country and year identifiers from both Output Units.

COMPLAB identifier combinations that cannot be matched to DEMSCORE identifier combinations are dropped.

#### **5.12.5 H-DATA Cabinet-Date Unit**

**Translation Path: Complab Country-Year → H-DATA Cabinet-Date**

**Complab Country-Year Unit to H-DATA Cabinet-Date Unit translation**

Complab Country-Year observations are matched to the final year a cabinet was in office.

Please note that your selected Complab variables may only contain observations for a subset of countries and years included in their primary Output Unit.

Complab identifier combinations that cannot be matched to H-DATA identifier combinations are dropped, as data-quality for H-DATA variables is prioritized in translations to this unit.

#### **5.12.6 H-DATA Country-Year Unit**

**Translation Path: Complab Country-Year → H-DATA Country-Year**

**Complab Country-Year Unit to H-DATA Country-Year Unit translation**

COMPLAB Country-Year is translated to H-DATA Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to H-DATA identifier combinations are dropped, as data-quality for H-DATA variables is prioritized in translations to this unit.

#### **5.12.7 QoG Country-Year Unit**

**Translation Path: Complab Country-Year → QoG Country-Year**

**Complab Country-Year Unit to QoG Country-Year Unit translation**

COMAPLB Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

#### **5.12.8 REPDEM Cabinet-Party Unit**

**Translation Path: Complab Country-Year → REPDEM Cabinet-Party**

**Complab Country-Year Unit to REPDEM Cabinet-Party Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting

Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

#### **5.12.9 REPDEM Country-Year Unit**

**Translation Path: Complab Country-Year → REPDEM Country-Year**

##### **Complab Country-Year Unit to REPDEM Country-Year Unit translation**

COMPLAB Country-Year is translated to REPDEM Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to REPDEM identifier combinations are dropped, as data-quality for REPDEM variables is prioritized in translations to this unit.

#### **5.12.10 Repdem Cabinet-Date Unit**

**Translation Path: Complab Country-Year → Repdem Cabinet-Date**

##### **Complab Country-Year Unit to Repdem Cabinet-Date Unit translation**

COMPLAB Country-Year observations are matched to the final year a cabinet was in office.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to REPDEM identifier combinations are dropped, as data-quality for REPDEM variables is prioritized in translations to this unit.

#### **5.12.11 UCDP Country-Year Unit**

**Translation Path: Complab Country-Year → UCDP Country-Year**

##### **Complab Country-Year Unit to UCDP Country-Year Unit translation**

COMPLAB Country-Year is translated to UCDP Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to UCDP identifier combinations are dropped, as data-quality for UCDP variables is prioritized in translations to this unit.

##### **Additional information:**

UCDP uses Gleditsch and Ward country identifiers, COMPLAB uses ISO 3166 country codes. We match on country names.

#### **5.12.12 UCDP Event ID Unit**

**Translation Path: Complab Country-Year → UCDP Event ID**

##### **Complab Country-Year Unit to UCDP Event ID Unit translation**

COMPLAB Country-Year is translated to UCDP Events by matching country and year identifiers from both Output Units. Country and year combinations from the starting Output unit are duplicated across all events that occurred with that country-year combination.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to UCDP identifier combinations are dropped

**Additional information:**

Please be aware that for this translation, we match Complab Country identifiers to the location variable in the UCDP GED Dataset.

**5.12.13 UCDP Organized Violence Country-Year Unit**

**Translation Path: Complab Country-Year → UCDP Organized Violence Country-Year**

**Complab Country-Year Unit to UCDP Organized Violence Country-Year Unit translation**

COMPLAB Country-Year is translated to UCDP OV Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to UCDP identifier combinations are dropped, as data-quality for UCDP variables is prioritized in translations to this unit.

**Additional information:**

UCDP uses Gleditsch and Ward country identifiers, COMPLAB uses ISO 3166 country codes. We match on country names.

**5.12.14 V-Dem Country-Year Unit**

**Translation Path: Complab Country-Year → V-Dem Country-Year**

**Complab Country-Year Unit to V-Dem Country-Year Unit translation**

Complab Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

**5.12.15 H-DATA Dyad-Year Unit**

**Translation Path: Complab Country-Year → H-DATA Country-Year → H-DATA Dyad-Year**

**Complab Country-Year Unit to H-DATA Country-Year Unit translation**

COMPLAB Country-Year is translated to H-DATA Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to H-DATA identifier combinations are dropped, as data-quality for H-DATA variables is prioritized in translations to this unit.

**H-DATA Country-Year Unit to H-DATA Dyad-Year Unit translation**

Country-Years are matched to Country-Years using the country identifier for country 1 in the dyad.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

**5.12.16 H-DATA Minister-Date Unit**

**Translation Path: Complab Country-Year → H-DATA Country-Year → H-DATA Minister-Date**

**Complab Country-Year Unit to H-DATA Country-Year Unit translation**

COMPLAB Country-Year is translated to H-DATA Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to H-DATA identifier combinations are dropped, as data-quality for H-DATA variables is prioritized in translations to this unit.

#### **H-DATA Country-Year Unit to H-DATA Minister-Date Unit translation**

Country-Year observations are matched to Country-Year observations based on the final year a minister in a country was in office.

Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

#### **5.12.17 QoG Agency-Fiscal Year Unit**

**Translation Path: Complab Country-Year → QoG Country-Year → QoG Agency-Fiscal Year**

##### **Complab Country-Year Unit to QoG Country-Year Unit translation**

COMAPLB Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

##### **QoG Country-Year Unit to QoG Agency-Fiscal Year Unit translation**

Country-Year data for Sweden is matched to Agency-Year data based on the agency year.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit

#### **5.12.18 QoG Country Unit**

**Translation Path: Complab Country-Year → QoG Country-Year → QoG Country**

##### **Complab Country-Year Unit to QoG Country-Year Unit translation**

COMAPLB Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

##### **QoG Country-Year Unit to QoG Country Unit translation**

QoG Country-Year is translated to QoG Country by matching the most recent Country-Year observation to Country observations.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in the primary Output Unit.

#### **5.12.19 QoG Municipality-Year Unit**

**Translation Path: Complab Country-Year → QoG Country-Year → QoG Municipality-Year**

##### **Complab Country-Year Unit to QoG Country-Year Unit translation**

COMAPLB Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

#### **QoG Country-Year Unit to QoG Municipality-Year Unit translation**

QoG Country-Year data for Sweden is matched to Municipality-Year data based on year.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit

#### **5.12.20 QoG NUTS Region-Year Unit**

**Translation Path: Complab Country-Year → QoG Country-Year → QoG NUTS Region-Year**

##### **Complab Country-Year Unit to QoG Country-Year Unit translation**

COMAPLB Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

##### **QoG Country-Year Unit to QoG NUTS Region-Year Unit translation**

Country-Year is translated to Region-Year by matching country observations to regional observations collected for the NUTS0 level (and thus equal to the country level) and year identifiers to year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit.

#### **5.12.21 V-Dem Country-Date Unit**

**Translation Path: Complab Country-Year → V-Dem Country-Year → V-Dem Country-Date**

##### **Complab Country-Year Unit to V-Dem Country-Year Unit translation**

Complab Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

##### **V-Dem Country-Year Unit to V-Dem Country-Date Unit translation**

Countries are matched to countries and Year is extracted from Dates. Country-Year observations are then matched and duplicated across Country-Years.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

#### **5.12.22 V-Dem Party-Country-Year Unit**

**Translation Path: Complab Country-Year → V-Dem Country-Year → V-Dem Party-Country-Year**

### **Complab Country-Year Unit to V-Dem Country-Year Unit translation**

Complab Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

### **V-Dem Country-Year Unit to V-Dem Party-Country-Year Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

## **5.12.23 QoG NUTS2 Region Unit**

**Translation Path: Complab Country-Year → QoG Country-Year → QoG NUTS Region-Year → QoG NUTS2 Region**

### **Complab Country-Year Unit to QoG Country-Year Unit translation**

COMAPLB Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

### **QoG Country-Year Unit to QoG NUTS Region-Year Unit translation**

Country-Year is translated to Region-Year by matching country observations to regional observations collected for the NUTS0 level (and thus equal to the country level) and year identifiers to year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit.

### **QoG NUTS Region-Year Unit to QoG NUTS2 Region Unit translation**

Observations for 2021 from the QoG Region Year Output Unit are matched to Country-Year.

Please note that the dataset may only contain a subset of regions and years included in its primary Output Unit.

## **5.12.24 V-Dem Country-Date-Coder Unit**

**Translation Path: Complab Country-Year → V-Dem Country-Year → V-Dem Country-Date → V-Dem Country-Date-Coder**

### **Complab Country-Year Unit to V-Dem Country-Year Unit translation**

Complab Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

### **V-Dem Country-Year Unit to V-Dem Country-Date Unit translation**

Countries are matched to countries and Year is extracted from Dates. Country-Year observations are then

matched and duplicated across Country-Years.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

#### **V-Dem Country-Date Unit to V-Dem Country-Date-Coder Unit translation**

Country-Dates are matched to Country-Dates. Country-Date combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit.

#### **5.12.25 V-Dem Party-Date-Coder Unit**

**Translation Path: Complab Country-Year → V-Dem Country-Year → V-Dem Party-Country-Year → V-Dem Party-Date-Coder**

#### **Complab Country-Year Unit to V-Dem Country-Year Unit translation**

Complab Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

#### **V-Dem Country-Year Unit to V-Dem Party-Country-Year Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

#### **V-Dem Party-Country-Year Unit to V-Dem Party-Date-Coder Unit translation**

Year is extracted from date. Country-, year- and party identifiers are matched to corresponding country-year-party combinations. Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit.



## 5.13 COMPLAB SPIN The Social Assistance and Minimum Income Protection Interim Dataset (SAMIP)

**Dataset tag:** complab\_spin\_samip

**Output Unit:** COMPLAB Country-Year, i.e., data is collected per country and year.

**Description:** The Social Assistance and Minimum Income Protection Interim Dataset (SAMIP) includes detailed information on the benefit position of low-income households in industrialized welfare democracies. In the current version SaMip includes 34 countries and observations are for every year 1990-2019. The variables in the dataset are based on a type-case approach, where benefit levels have been calculated for three typical households; a single person, a lone parent, and a two parent family.

Please treat the data for Norway and Italy from this dataset with caution, as alternative data series are provided in the original dataset. Refer to the original reference document for these cases. In these cases, we have chosen to match to the unadjusted data series, however the alternative data series are available in the original dataset as Norway\_adjusted and Italy\_adjusted.

**Dataset citation:** Nelson, K., Fredriksson, D., Korpi, T., Korpi, W., Palme, J. and O. Sjöberg. 2020. The Social Policy Indicators (SPIN) database. *International Journal of Social Welfare*. 29 (3). 285-289. <https://doi.org/10.1111/ijsw.12418>

**License:** Complab datasets are free to use. Although variables have been carefully extracted, processed and analyzed, no warranty is given that the information supplied is free from error. Researchers involved in the establishment of SPIN shall not be liable for any loss suffered through the use of any of this information. References to data should acknowledge the SPIN research infrastructure (see reference below) and the specific data module.

More detailed information on the dataset can be found at the following web page: <https://www.spin.su.se/datasets/samip>

**Unit Notes:** The unit for this dataset is country and year. That means each row in the dataset can be identified by one country in combination with a year, using the columns country\_code (ISO 3-letter-code) and year or country\_nr (ISO numeric code) and year.

An additional country column storing the countries' full names is created as a unit identifier.

Please note that we renamed the original country variables to synchronize Complab country variable names in Demscore. In this dataset, observations for Norway and Italy need to be treated with caution. Demscore does not translate cases from the alternative series for those two countries. Please refer to the original referenece document for these cases.

### 5.13.1 Complab Country-Year Unit

**Translation Path: Complab Country-Year (Primary Output Unit)**

Complab Country-Year is the primary unit.

### 5.13.2 Complab Country-Year-Policy Unit

**Translation Path: Complab Country-Year → Complab Country-Year-Policy**

**Complab Country-Year Unit to Complab Country-Year-Policy Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

### 5.13.3 Complab Country-Year-Track Unit

**Translation Path: Complab Country-Year → Complab Country-Year-Track**

### **Complab Country-Year Unit to Complab Country-Year-Track Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

### **5.13.4 Demscore Country-Year Unit**

**Translation Path: Complab Country-Year → Demscore Country-Year**

#### **Complab Country-Year Unit to Demscore Country-Year Unit translation**

COMPLAB Country-Year is translated to DEMSCORE Country-Year by matching country and year identifiers from both Output Units.

COMPLAB identifier combinations that cannot be matched to DEMSCORE identifier combinations are dropped.

### **5.13.5 H-DATA Cabinet-Date Unit**

**Translation Path: Complab Country-Year → H-DATA Cabinet-Date**

#### **Complab Country-Year Unit to H-DATA Cabinet-Date Unit translation**

Complab Country-Year observations are matched to the final year a cabinet was in office.

Please note that your selected Complab variables may only contain observations for a subset of countries and years included in their primary Output Unit.

Complab identifier combinations that cannot be matched to H-DATA identifier combinations are dropped, as data-quality for H-DATA variables is prioritized in translations to this unit.

### **5.13.6 H-DATA Country-Year Unit**

**Translation Path: Complab Country-Year → H-DATA Country-Year**

#### **Complab Country-Year Unit to H-DATA Country-Year Unit translation**

COMPLAB Country-Year is translated to H-DATA Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to H-DATA identifier combinations are dropped, as data-quality for H-DATA variables is prioritized in translations to this unit.

### **5.13.7 QoG Country-Year Unit**

**Translation Path: Complab Country-Year → QoG Country-Year**

#### **Complab Country-Year Unit to QoG Country-Year Unit translation**

COMAPLB Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

### **5.13.8 REPDEM Cabinet-Party Unit**

**Translation Path: Complab Country-Year → REPDEM Cabinet-Party**

### **Complab Country-Year Unit to REPDEM Cabinet-Party Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

#### **5.13.9 REPDEM Country-Year Unit**

**Translation Path: Complab Country-Year → REPDEM Country-Year**

### **Complab Country-Year Unit to REPDEM Country-Year Unit translation**

COMPLAB Country-Year is translated to REPDEM Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to REPDEM identifier combinations are dropped, as data-quality for REPDEM variables is prioritized in translations to this unit.

#### **5.13.10 Repdem Cabinet-Date Unit**

**Translation Path: Complab Country-Year → Repdem Cabinet-Date**

### **Complab Country-Year Unit to Repdem Cabinet-Date Unit translation**

COMPLAB Country-Year observations are matched to the final year a cabinet was in office.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to REPDEM identifier combinations are dropped, as data-quality for REPDEM variables is prioritized in translations to this unit.

#### **5.13.11 UCDP Country-Year Unit**

**Translation Path: Complab Country-Year → UCDP Country-Year**

### **Complab Country-Year Unit to UCDP Country-Year Unit translation**

COMPLAB Country-Year is translated to UCDP Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to UCDP identifier combinations are dropped, as data-quality for UCDP variables is prioritized in translations to this unit.

#### **Additional information:**

UCDP uses Gleditsch and Ward country identifiers, COMPLAB uses ISO 3166 country codes. We match on country names.

#### **5.13.12 UCDP Event ID Unit**

**Translation Path: Complab Country-Year → UCDP Event ID**

### **Complab Country-Year Unit to UCDP Event ID Unit translation**

COMPLAB Country-Year is translated to UCDP Events by matching country and year identifiers from both Output Units. Country and year combinations from the starting Output unit are duplicated across all events that occurred with that country-year combination.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries

and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to UCDP identifier combinations are dropped

**Additional information:**

Please be aware that for this translation, we match Complab Country identifiers to the location variable in the UCDP GED Dataset.

### 5.13.13 UCDP Organized Violence Country-Year Unit

**Translation Path: Complab Country-Year → UCDP Organized Violence Country-Year**

#### **Complab Country-Year Unit to UCDP Organized Violence Country-Year Unit translation**

COMPLAB Country-Year is translated to UCDP OV Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to UCDP identifier combinations are dropped, as data-quality for UCDP variables is prioritized in translations to this unit.

**Additional information:**

UCDP uses Gleditsch and Ward country identifiers, COMPLAB uses ISO 3166 country codes. We match on country names.

### 5.13.14 V-Dem Country-Year Unit

**Translation Path: Complab Country-Year → V-Dem Country-Year**

#### **Complab Country-Year Unit to V-Dem Country-Year Unit translation**

Complab Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

### 5.13.15 H-DATA Dyad-Year Unit

**Translation Path: Complab Country-Year → H-DATA Country-Year → H-DATA Dyad-Year**

#### **Complab Country-Year Unit to H-DATA Country-Year Unit translation**

COMPLAB Country-Year is translated to H-DATA Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to H-DATA identifier combinations are dropped, as data-quality for H-DATA variables is prioritized in translations to this unit.

#### **H-DATA Country-Year Unit to H-DATA Dyad-Year Unit translation**

Country-Years are matched to Country-Years using the country identifier for country 1 in the dyad.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

### 5.13.16 H-DATA Minister-Date Unit

**Translation Path: Complab Country-Year → H-DATA Country-Year → H-DATA Minister-Date**

### **Complab Country-Year Unit to H-DATA Country-Year Unit translation**

COMPLAB Country-Year is translated to H-DATA Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to H-DATA identifier combinations are dropped, as data-quality for H-DATA variables is prioritized in translations to this unit.

### **H-DATA Country-Year Unit to H-DATA Minister-Date Unit translation**

Country-Year observations are matched to Country-Year observations based on the final year a minister in a country was in office.

Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

#### **5.13.17 QoG Agency-Fiscal Year Unit**

**Translation Path: Complab Country-Year → QoG Country-Year → QoG Agency-Fiscal Year**

### **Complab Country-Year Unit to QoG Country-Year Unit translation**

COMAPLB Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

### **QoG Country-Year Unit to QoG Agency-Fiscal Year Unit translation**

Country-Year data for Sweden is matched to Agency-Year data based on the agency year.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit

#### **5.13.18 QoG Country Unit**

**Translation Path: Complab Country-Year → QoG Country-Year → QoG Country**

### **Complab Country-Year Unit to QoG Country-Year Unit translation**

COMAPLB Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

### **QoG Country-Year Unit to QoG Country Unit translation**

QoG Country-Year is translated to QoG Country by matching the most recent Country-Year observation to Country observations.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in the primary Output Unit.

#### **5.13.19 QoG Municipality-Year Unit**

**Translation Path: Complab Country-Year → QoG Country-Year → QoG Municipality-Year**

### **Complab Country-Year Unit to QoG Country-Year Unit translation**

COMAPLB Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

### **QoG Country-Year Unit to QoG Municipality-Year Unit translation**

QoG Country-Year data for Sweden is matched to Municipality-Year data based on year.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit

## **5.13.20 QoG NUTS Region-Year Unit**

**Translation Path: Complab Country-Year → QoG Country-Year → QoG NUTS Region-Year**

### **Complab Country-Year Unit to QoG Country-Year Unit translation**

COMAPLB Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

### **QoG Country-Year Unit to QoG NUTS Region-Year Unit translation**

Country-Year is translated to Region-Year by matching country observations to regional observations collected for the NUTS0 level (and thus equal to the country level) and year identifiers to year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit.

## **5.13.21 V-Dem Country-Date Unit**

**Translation Path: Complab Country-Year → V-Dem Country-Year → V-Dem Country-Date**

### **Complab Country-Year Unit to V-Dem Country-Year Unit translation**

Complab Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

### **V-Dem Country-Year Unit to V-Dem Country-Date Unit translation**

Countries are matched to countries and Year is extracted from Dates. Country-Year observations are then matched and duplicated across Country-Years.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

### 5.13.22 V-Dem Party-Country-Year Unit

**Translation Path: Complab Country-Year → V-Dem Country-Year → V-Dem Party-Country-Year**

#### **Complab Country-Year Unit to V-Dem Country-Year Unit translation**

Complab Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

#### **V-Dem Country-Year Unit to V-Dem Party-Country-Year Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

### 5.13.23 QoG NUTS2 Region Unit

**Translation Path: Complab Country-Year → QoG Country-Year → QoG NUTS Region-Year → QoG NUTS2 Region**

#### **Complab Country-Year Unit to QoG Country-Year Unit translation**

COMAPLB Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

#### **QoG Country-Year Unit to QoG NUTS Region-Year Unit translation**

Country-Year is translated to Region-Year by matching country observations to regional observations collected for the NUTS0 level (and thus equal to the country level) and year identifiers to year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit.

#### **QoG NUTS Region-Year Unit to QoG NUTS2 Region Unit translation**

Observations for 2021 from the QoG Region Year Output Unit are matched to Country-Year.

Please note that the dataset may only contain a subset of regions and years included in its primary Output Unit.

### 5.13.24 V-Dem Country-Date-Coder Unit

**Translation Path: Complab Country-Year → V-Dem Country-Year → V-Dem Country-Date → V-Dem Country-Date-Coder**

#### **Complab Country-Year Unit to V-Dem Country-Year Unit translation**

Complab Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations

to this unit.

#### **V-Dem Country-Year Unit to V-Dem Country-Date Unit translation**

Countries are matched to countries and Year is extracted from Dates. Country-Year observations are then matched and duplicated across Country-Years.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

#### **V-Dem Country-Date Unit to V-Dem Country-Date-Coder Unit translation**

Country-Dates are matched to Country-Dates. Country-Date combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit.

### **5.13.25 V-Dem Party-Date-Coder Unit**

**Translation Path: Complab Country-Year → V-Dem Country-Year → V-Dem Party-Country-Year → V-Dem Party-Date-Coder**

#### **Complab Country-Year Unit to V-Dem Country-Year Unit translation**

Complab Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

#### **V-Dem Country-Year Unit to V-Dem Party-Country-Year Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

#### **V-Dem Party-Country-Year Unit to V-Dem Party-Date-Coder Unit translation**

Year is extracted from date. Country-, year- and party identifiers are matched to corresponding country-year-party combinations. Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit.



## 5.14 COMPLAB SPIN The Social Citizenship Indicator Program (SCIP)

*Dataset tag:* complab\_spin\_scip

*Output Unit:* COMPLAB Country-Year, i.e., data is collected per country and year.

*Description:* The Social Citizenship Indicator Program (SCIP) covers institutional structures of core social insurance programs. Detailed information are provided on citizens' rights and duties based on legislation related to five major programs, including old age pensions and benefits in cases of sickness, unemployment and work accidents. SCIP includes 18 affluent countries with uninterrupted political democracy during the postwar period. Information refers to fourteen time points: 1930, 1933, 1939, 1947, 1950, and thereafter every fifth year up to 2005.

*Dataset citation:* Nelson, K., Fredriksson, D., Korpi, T., Korpi, W., Palme, J. and O. Sjöberg. 2020. The Social Policy Indicators (SPIN) database. *International Journal of Social Welfare*. 29 (3). 285-289. <https://doi.org/10.1111/ijsw.12418>

*License:* Complab datasets are free to use. Although variables have been carefully extracted, processed and analyzed, no warranty is given that the information supplied is free from error. Researchers involved in the establishment of SPIN shall not be liable for any loss suffered through the use of any of this information. References to data should acknowledge the SPIN research infrastructure (see reference below) and the specific data module.

More detailed information on the dataset can be found at the following web page: <https://www.spin.su.se/datasets/scip>

**Unit Notes:** The unit for this dataset is country and year. That means each row in the dataset can be identified by one country in combination with a year, using the columns `country_code` (ISO 3-letter-code) and year or `country_nr` (ISO numeric code) and year.

An additional country column storing the countries' full names is created as a unit identifier.

Please note that we add `country_code` and `country_nr` to this dataset to have synchronized country variables across all Complab datasets in Demscore. This is a change to the original dataset that uses a Complab-internal numeric country code.

### 5.14.1 Complab Country-Year Unit

**Translation Path: Complab Country-Year (Primary Output Unit)**

Complab Country-Year is the primary unit.

### 5.14.2 Complab Country-Year-Policy Unit

**Translation Path: Complab Country-Year → Complab Country-Year-Policy**

**Complab Country-Year Unit to Complab Country-Year-Policy Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

### 5.14.3 Complab Country-Year-Track Unit

**Translation Path: Complab Country-Year → Complab Country-Year-Track**

**Complab Country-Year Unit to Complab Country-Year-Track Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

#### **5.14.4 Demscore Country-Year Unit**

**Translation Path: Complab Country-Year → Demscore Country-Year**

##### **Complab Country-Year Unit to Demscore Country-Year Unit translation**

COMPLAB Country-Year is translated to DEMSCORE Country-Year by matching country and year identifiers from both Output Units.

COMPLAB identifier combinations that cannot be matched to DEMSCORE identifier combinations are dropped.

#### **5.14.5 H-DATA Cabinet-Date Unit**

**Translation Path: Complab Country-Year → H-DATA Cabinet-Date**

##### **Complab Country-Year Unit to H-DATA Cabinet-Date Unit translation**

Complab Country-Year observations are matched to the final year a cabinet was in office.

Please note that your selected Complab variables may only contain observations for a subset of countries and years included in their primary Output Unit.

Complab identifier combinations that cannot be matched to H-DATA identifier combinations are dropped, as data-quality for H-DATA variables is prioritized in translations to this unit.

#### **5.14.6 H-DATA Country-Year Unit**

**Translation Path: Complab Country-Year → H-DATA Country-Year**

##### **Complab Country-Year Unit to H-DATA Country-Year Unit translation**

COMPLAB Country-Year is translated to H-DATA Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to H-DATA identifier combinations are dropped, as data-quality for H-DATA variables is prioritized in translations to this unit.

#### **5.14.7 QoG Country-Year Unit**

**Translation Path: Complab Country-Year → QoG Country-Year**

##### **Complab Country-Year Unit to QoG Country-Year Unit translation**

COMAPLB Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

#### **5.14.8 REPDEM Cabinet-Party Unit**

**Translation Path: Complab Country-Year → REPDEM Cabinet-Party**

##### **Complab Country-Year Unit to REPDEM Cabinet-Party Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

#### **5.14.9 REPDEM Country-Year Unit**

**Translation Path: Complab Country-Year → REPDEM Country-Year**

##### **Complab Country-Year Unit to REPDEM Country-Year Unit translation**

COMPLAB Country-Year is translated to REPDEM Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to REPDEM identifier combinations are dropped, as data-quality for REPDEM variables is prioritized in translations to this unit.

#### **5.14.10 Repdem Cabinet-Date Unit**

**Translation Path: Complab Country-Year → Repdem Cabinet-Date**

##### **Complab Country-Year Unit to Repdem Cabinet-Date Unit translation**

COMPLAB Country-Year observations are matched to the final year a cabinet was in office.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to REPDEM identifier combinations are dropped, as data-quality for REPDEM variables is prioritized in translations to this unit.

#### **5.14.11 UCDP Country-Year Unit**

**Translation Path: Complab Country-Year → UCDP Country-Year**

##### **Complab Country-Year Unit to UCDP Country-Year Unit translation**

COMPLAB Country-Year is translated to UCDP Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to UCDP identifier combinations are dropped, as data-quality for UCDP variables is prioritized in translations to this unit.

##### **Additional information:**

UCDP uses Gleditsch and Ward country identifiers, COMPLAB uses ISO 3166 country codes. We match on country names.

#### **5.14.12 UCDP Event ID Unit**

**Translation Path: Complab Country-Year → UCDP Event ID**

##### **Complab Country-Year Unit to UCDP Event ID Unit translation**

COMPLAB Country-Year is translated to UCDP Events by matching country and year identifiers from both Output Units. Country and year combinations from the starting Output unit are duplicated across all events that occurred with that country-year combination.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to UCDP identifier combinations are dropped

##### **Additional information:**

Please be aware that for this translation, we match Complab Country identifiers to the location variable in

the UCDP GED Dataset.

#### **5.14.13 UCDP Organized Violence Country-Year Unit**

**Translation Path: Complab Country-Year → UCDP Organized Violence Country-Year**

##### **Complab Country-Year Unit to UCDP Organized Violence Country-Year Unit translation**

COMPLAB Country-Year is translated to UCDP OV Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to UCDP identifier combinations are dropped, as data-quality for UCDP variables is prioritized in translations to this unit.

##### **Additional information:**

UCDP uses Gleditsch and Ward country identifiers, COMPLAB uses ISO 3166 country codes. We match on country names.

#### **5.14.14 V-Dem Country-Year Unit**

**Translation Path: Complab Country-Year → V-Dem Country-Year**

##### **Complab Country-Year Unit to V-Dem Country-Year Unit translation**

Complab Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

#### **5.14.15 H-DATA Dyad-Year Unit**

**Translation Path: Complab Country-Year → H-DATA Country-Year → H-DATA Dyad-Year**

##### **Complab Country-Year Unit to H-DATA Country-Year Unit translation**

COMPLAB Country-Year is translated to H-DATA Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to H-DATA identifier combinations are dropped, as data-quality for H-DATA variables is prioritized in translations to this unit.

##### **H-DATA Country-Year Unit to H-DATA Dyad-Year Unit translation**

Country-Years are matched to Country-Years using the country identifier for country 1 in the dyad.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

#### **5.14.16 H-DATA Minister-Date Unit**

**Translation Path: Complab Country-Year → H-DATA Country-Year → H-DATA Minister-Date**

##### **Complab Country-Year Unit to H-DATA Country-Year Unit translation**

COMPLAB Country-Year is translated to H-DATA Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to H-DATA identifier combinations are dropped, as data-quality for H-DATA variables is prioritized in translations to this unit.

#### **H-DATA Country-Year Unit to H-DATA Minister-Date Unit translation**

Country-Year observations are matched to Country-Year observations based on the final year a minister in a country was in office.

Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

#### **5.14.17 QoG Agency-Fiscal Year Unit**

**Translation Path: Complab Country-Year → QoG Country-Year → QoG Agency-Fiscal Year**

##### **Complab Country-Year Unit to QoG Country-Year Unit translation**

COMAPLB Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

##### **QoG Country-Year Unit to QoG Agency-Fiscal Year Unit translation**

Country-Year data for Sweden is matched to Agency-Year data based on the agency year.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit

#### **5.14.18 QoG Country Unit**

**Translation Path: Complab Country-Year → QoG Country-Year → QoG Country**

##### **Complab Country-Year Unit to QoG Country-Year Unit translation**

COMAPLB Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

##### **QoG Country-Year Unit to QoG Country Unit translation**

QoG Country-Year is translated to QoG Country by matching the most recent Country-Year observation to Country observations.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in the primary Output Unit.

#### **5.14.19 QoG Municipality-Year Unit**

**Translation Path: Complab Country-Year → QoG Country-Year → QoG Municipality-Year**

##### **Complab Country-Year Unit to QoG Country-Year Unit translation**

COMAPLB Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

#### **QoG Country-Year Unit to QoG Municipality-Year Unit translation**

QoG Country-Year data for Sweden is matched to Municipality-Year data based on year.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit

#### **5.14.20 QoG NUTS Region-Year Unit**

**Translation Path: Complab Country-Year → QoG Country-Year → QoG NUTS Region-Year**

#### **Complab Country-Year Unit to QoG Country-Year Unit translation**

COMAPLB Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

#### **QoG Country-Year Unit to QoG NUTS Region-Year Unit translation**

Country-Year is translated to Region-Year by matching country observations to regional observations collected for the NUTS0 level (and thus equal to the country level) and year identifiers to year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit.

#### **5.14.21 V-Dem Country-Date Unit**

**Translation Path: Complab Country-Year → V-Dem Country-Year → V-Dem Country-Date**

#### **Complab Country-Year Unit to V-Dem Country-Year Unit translation**

Complab Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

#### **V-Dem Country-Year Unit to V-Dem Country-Date Unit translation**

Countries are matched to countries and Year is extracted from Dates. Country-Year observations are then matched and duplicated across Country-Years.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

#### **5.14.22 V-Dem Party-Country-Year Unit**

**Translation Path: Complab Country-Year → V-Dem Country-Year → V-Dem Party-Country-Year**

#### **Complab Country-Year Unit to V-Dem Country-Year Unit translation**

Complab Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from

both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

#### **V-Dem Country-Year Unit to V-Dem Party-Country-Year Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

#### **5.14.23 QoG NUTS2 Region Unit**

**Translation Path: Complab Country-Year → QoG Country-Year → QoG NUTS Region-Year → QoG NUTS2 Region**

##### **Complab Country-Year Unit to QoG Country-Year Unit translation**

COMAPLB Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

##### **QoG Country-Year Unit to QoG NUTS Region-Year Unit translation**

Country-Year is translated to Region-Year by matching country observations to regional observations collected for the NUTS0 level (and thus equal to the country level) and year identifiers to year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit.

##### **QoG NUTS Region-Year Unit to QoG NUTS2 Region Unit translation**

Observations for 2021 from the QoG Region Year Output Unit are matched to Country-Year.

Please note that the dataset may only contain a subset of regions and years included in its primary Output Unit.

#### **5.14.24 V-Dem Country-Date-Coder Unit**

**Translation Path: Complab Country-Year → V-Dem Country-Year → V-Dem Country-Date → V-Dem Country-Date-Coder**

##### **Complab Country-Year Unit to V-Dem Country-Year Unit translation**

Complab Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

##### **V-Dem Country-Year Unit to V-Dem Country-Date Unit translation**

Countries are matched to countries and Year is extracted from Dates. Country-Year observations are then matched and duplicated across Country-Years.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output

Unit.

#### **V-Dem Country-Date Unit to V-Dem Country-Date-Coder Unit translation**

Country-Dates are matched to Country-Dates. Country-Date combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit.

#### **5.14.25 V-Dem Party-Date-Coder Unit**

**Translation Path: Complab Country-Year → V-Dem Country-Year → V-Dem Party-Country-Year → V-Dem Party-Date-Coder**

#### **Complab Country-Year Unit to V-Dem Country-Year Unit translation**

Complab Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

#### **V-Dem Country-Year Unit to V-Dem Party-Country-Year Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

#### **V-Dem Party-Country-Year Unit to V-Dem Party-Date-Coder Unit translation**

Year is extracted from date. Country-, year- and party identifiers are matched to corresponding country-year-party combinations. Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit.



## 5.15 COMPLAB SPIN The Social Insurance Entitlements Dataset (SIED)

*Dataset tag:* complab\_spin\_sied

*Output Unit:* COMPLAB Country-Year, i.e., data is collected per country and year.

*Description:* The Social Insurance Entitlements dataset (SIED) is a continuation of the SCIP project, but carries on data collection beyond 2005 for a larger number of countries. The SIE dataset closely follows the structure of SCIP, thus covering the same social insurance programs and sharing the same variable names. The SIE dataset includes the original 18 SCIP countries, but also stores data for all EU Member States as of 2010. The current version of SIED stores three waves of data for all EU countries, 2005 to 2015. Data for Greece, Portugal and Spain goes back to 1980.

*Dataset citation:* Nelson, K., Fredriksson, D., Korpi, T., Korpi, W., Palme, J. and O. Sjöberg. 2020. The Social Policy Indicators (SPIN) database. *International Journal of Social Welfare*. 29 (3). 285-289. <https://doi.org/10.1111/ijsw.12418>

*License:* Complab datasets are free to use. Although variables have been carefully extracted, processed and analyzed, no warranty is given that the information supplied is free from error. Researchers involved in the establishment of SPIN shall not be liable for any loss suffered through the use of any of this information. References to data should acknowledge the SPIN research infrastructure (see reference below) and the specific data module.

More detailed information on the dataset can be found at the following web page: <https://www.spin.su.se/datasets/sied>

**Unit Notes:** The unit for this dataset is country and year. That means each row in the dataset can be identified by one country in combination with a year, using the columns `country_code` (ISO 3-letter-code) and year or `country_nr` (ISO numeric code) and year.

An additional country column storing the countries' full names is created as a unit identifier.

Please note that we renamed the original country variables to synchronize Complab country variable names in Demscore.

### 5.15.1 Complab Country-Year Unit

**Translation Path: Complab Country-Year (Primary Output Unit)**

Complab Country-Year is the primary unit.

### 5.15.2 Complab Country-Year-Policy Unit

**Translation Path: Complab Country-Year → Complab Country-Year-Policy**

**Complab Country-Year Unit to Complab Country-Year-Policy Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

### 5.15.3 Complab Country-Year-Track Unit

**Translation Path: Complab Country-Year → Complab Country-Year-Track**

**Complab Country-Year Unit to Complab Country-Year-Track Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output

Unit.

#### **5.15.4 Demscore Country-Year Unit**

**Translation Path: Complab Country-Year → Demscore Country-Year**

##### **Complab Country-Year Unit to Demscore Country-Year Unit translation**

COMPLAB Country-Year is translated to DEMSCORE Country-Year by matching country and year identifiers from both Output Units.

COMPLAB identifier combinations that cannot be matched to DEMSCORE identifier combinations are dropped.

#### **5.15.5 H-DATA Cabinet-Date Unit**

**Translation Path: Complab Country-Year → H-DATA Cabinet-Date**

##### **Complab Country-Year Unit to H-DATA Cabinet-Date Unit translation**

Complab Country-Year observations are matched to the final year a cabinet was in office.

Please note that your selected Complab variables may only contain observations for a subset of countries and years included in their primary Output Unit.

Complab identifier combinations that cannot be matched to H-DATA identifier combinations are dropped, as data-quality for H-DATA variables is prioritized in translations to this unit.

#### **5.15.6 H-DATA Country-Year Unit**

**Translation Path: Complab Country-Year → H-DATA Country-Year**

##### **Complab Country-Year Unit to H-DATA Country-Year Unit translation**

COMPLAB Country-Year is translated to H-DATA Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to H-DATA identifier combinations are dropped, as data-quality for H-DATA variables is prioritized in translations to this unit.

#### **5.15.7 QoG Country-Year Unit**

**Translation Path: Complab Country-Year → QoG Country-Year**

##### **Complab Country-Year Unit to QoG Country-Year Unit translation**

COMAPLB Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

#### **5.15.8 REPDEM Cabinet-Party Unit**

**Translation Path: Complab Country-Year → REPDEM Cabinet-Party**

##### **Complab Country-Year Unit to REPDEM Cabinet-Party Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

#### **5.15.9 REPDEM Country-Year Unit**

**Translation Path: Complab Country-Year → REPDEM Country-Year**

##### **Complab Country-Year Unit to REPDEM Country-Year Unit translation**

COMPLAB Country-Year is translated to REPDEM Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to REPDEM identifier combinations are dropped, as data-quality for REPDEM variables is prioritized in translations to this unit.

#### **5.15.10 Repdem Cabinet-Date Unit**

**Translation Path: Complab Country-Year → Repdem Cabinet-Date**

##### **Complab Country-Year Unit to Repdem Cabinet-Date Unit translation**

COMPLAB Country-Year observations are matched to the final year a cabinet was in office.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to REPDEM identifier combinations are dropped, as data-quality for REPDEM variables is prioritized in translations to this unit.

#### **5.15.11 UCDP Country-Year Unit**

**Translation Path: Complab Country-Year → UCDP Country-Year**

##### **Complab Country-Year Unit to UCDP Country-Year Unit translation**

COMPLAB Country-Year is translated to UCDP Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to UCDP identifier combinations are dropped, as data-quality for UCDP variables is prioritized in translations to this unit.

##### **Additional information:**

UCDP uses Gleditsch and Ward country identifiers, COMPLAB uses ISO 3166 country codes. We match on country names.

#### **5.15.12 UCDP Event ID Unit**

**Translation Path: Complab Country-Year → UCDP Event ID**

##### **Complab Country-Year Unit to UCDP Event ID Unit translation**

COMPLAB Country-Year is translated to UCDP Events by matching country and year identifiers from both Output Units. Country and year combinations from the starting Output unit are duplicated across all events that occurred with that country-year combination.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to UCDP identifier combinations are dropped

##### **Additional information:**

Please be aware that for this translation, we match Complab Country identifiers to the location variable in

the UCDP GED Dataset.

#### **5.15.13 UCDP Organized Violence Country-Year Unit**

**Translation Path: Complab Country-Year → UCDP Organized Violence Country-Year**

##### **Complab Country-Year Unit to UCDP Organized Violence Country-Year Unit translation**

COMPLAB Country-Year is translated to UCDP OV Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to UCDP identifier combinations are dropped, as data-quality for UCDP variables is prioritized in translations to this unit.

#### **5.15.14 V-Dem Country-Year Unit**

**Translation Path: Complab Country-Year → V-Dem Country-Year**

##### **Complab Country-Year Unit to V-Dem Country-Year Unit translation**

Complab Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

#### **5.15.15 H-DATA Dyad-Year Unit**

**Translation Path: Complab Country-Year → H-DATA Country-Year → H-DATA Dyad-Year**

##### **Complab Country-Year Unit to H-DATA Country-Year Unit translation**

COMPLAB Country-Year is translated to H-DATA Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to H-DATA identifier combinations are dropped, as data-quality for H-DATA variables is prioritized in translations to this unit.

##### **H-DATA Country-Year Unit to H-DATA Dyad-Year Unit translation**

Country-Years are matched to Country-Years using the country identifier for country 1 in the dyad.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

#### **5.15.16 H-DATA Minister-Date Unit**

**Translation Path: Complab Country-Year → H-DATA Country-Year → H-DATA Minister-Date**

##### **Complab Country-Year Unit to H-DATA Country-Year Unit translation**

COMPLAB Country-Year is translated to H-DATA Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to H-DATA identifier combinations are dropped, as data-quality for H-DATA variables is prioritized in translations to this unit.

### **H-DATA Country-Year Unit to H-DATA Minister-Date Unit translation**

Country-Year observations are matched to Country-Year observations based on the final year a minister in a country was in office.

Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

### **5.15.17 QoG Agency-Fiscal Year Unit**

**Translation Path: Complab Country-Year → QoG Country-Year → QoG Agency-Fiscal Year**

#### **Complab Country-Year Unit to QoG Country-Year Unit translation**

COMAPLB Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

#### **QoG Country-Year Unit to QoG Agency-Fiscal Year Unit translation**

Country-Year data for Sweden is matched to Agency-Year data based on the agency year.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit

### **5.15.18 QoG Country Unit**

**Translation Path: Complab Country-Year → QoG Country-Year → QoG Country**

#### **Complab Country-Year Unit to QoG Country-Year Unit translation**

COMAPLB Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

#### **QoG Country-Year Unit to QoG Country Unit translation**

QoG Country-Year is translated to QoG Country by matching the most recent Country-Year observation to Country observations.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in the primary Output Unit.

### **5.15.19 QoG Municipality-Year Unit**

**Translation Path: Complab Country-Year → QoG Country-Year → QoG Municipality-Year**

#### **Complab Country-Year Unit to QoG Country-Year Unit translation**

COMAPLB Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

### **QoG Country-Year Unit to QoG Municipality-Year Unit translation**

QoG Country-Year data for Sweden is matched to Municipality-Year data based on year.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit

### **5.15.20 QoG NUTS Region-Year Unit**

**Translation Path: Complab Country-Year → QoG Country-Year → QoG NUTS Region-Year**

#### **Complab Country-Year Unit to QoG Country-Year Unit translation**

COMAPLB Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

#### **QoG Country-Year Unit to QoG NUTS Region-Year Unit translation**

Country-Year is translated to Region-Year by matching country observations to regional observations collected for the NUTS0 level (and thus equal to the country level) and year identifiers to year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit.

### **5.15.21 V-Dem Country-Date Unit**

**Translation Path: Complab Country-Year → V-Dem Country-Year → V-Dem Country-Date**

#### **Complab Country-Year Unit to V-Dem Country-Year Unit translation**

Complab Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

#### **V-Dem Country-Year Unit to V-Dem Country-Date Unit translation**

Countries are matched to countries and Year is extracted from Dates. Country-Year observations are then matched and duplicated across Country-Years.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

### **5.15.22 V-Dem Party-Country-Year Unit**

**Translation Path: Complab Country-Year → V-Dem Country-Year → V-Dem Party-Country-Year**

#### **Complab Country-Year Unit to V-Dem Country-Year Unit translation**

Complab Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations

to this unit.

#### **V-Dem Country-Year Unit to V-Dem Party-Country-Year Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

#### **5.15.23 QoG NUTS2 Region Unit**

**Translation Path: Complab Country-Year → QoG Country-Year → QoG NUTS Region-Year → QoG NUTS2 Region**

##### **Complab Country-Year Unit to QoG Country-Year Unit translation**

COMAPLB Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

##### **QoG Country-Year Unit to QoG NUTS Region-Year Unit translation**

Country-Year is translated to Region-Year by matching country observations to regional observations collected for the NUTS0 level (and thus equal to the country level) and year identifiers to year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit.

##### **QoG NUTS Region-Year Unit to QoG NUTS2 Region Unit translation**

Observations for 2021 from the QoG Region Year Output Unit are matched to Country-Year.

Please note that the dataset may only contain a subset of regions and years included in its primary Output Unit.

#### **5.15.24 V-Dem Country-Date-Coder Unit**

**Translation Path: Complab Country-Year → V-Dem Country-Year → V-Dem Country-Date → V-Dem Country-Date-Coder**

##### **Complab Country-Year Unit to V-Dem Country-Year Unit translation**

Complab Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

##### **V-Dem Country-Year Unit to V-Dem Country-Date Unit translation**

Countries are matched to countries and Year is extracted from Dates. Country-Year observations are then matched and duplicated across Country-Years.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

##### **V-Dem Country-Date Unit to V-Dem Country-Date-Coder Unit translation**

Country-Dates are matched to Country-Dates. Country-Date combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit.

#### **5.15.25 V-Dem Party-Date-Coder Unit**

**Translation Path: Complab Country-Year → V-Dem Country-Year → V-Dem Party-Country-Year → V-Dem Party-Date-Coder**

##### **Complab Country-Year Unit to V-Dem Country-Year Unit translation**

Complab Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

##### **V-Dem Country-Year Unit to V-Dem Party-Country-Year Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

##### **V-Dem Party-Country-Year Unit to V-Dem Party-Date-Coder Unit translation**

Year is extracted from date. Country-, year- and party identifiers are matched to corresponding country-year-party combinations. Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit.



## 5.16 COMPLAB SPIN The Student Support and Fees Dataset (SSFD)

**Dataset tag:** complab\_spin\_ssfd

**Output Unit:** COMPLAB Country-Year, i.e., data is collected per country and year.

**Description:** The Student Support and Fees Dataset (SSFD) aims to improve the possibilities to conduct large-scale, institutionally informed comparative and longitudinal analyses of student finance systems in general, and of student rights to financial aid and their obligations to pay tuition fees in particular. The dataset is based on calculations of support and fees for three model families. Focus is on social rights and obligations of full-time undergraduate students. The current version of SSFD includes 32 countries for the years 2005, 2010, and 2015.

The SSFD is the result of an ongoing research project aimed at understanding the causes and consequences of student finance systems in affluent countries. The project is a collaborative endeavor of the SPIN research infrastructure at the Swedish Institute for Social Research and Krzysztof Czarnecki at the Poznań University of Economics and Business.

**Dataset citation:** Nelson, K., Fredriksson, D., Korpi, T., Korpi, W., Palme, J. and O. Sjöberg. 2020. The Social Policy Indicators (SPIN) database. *International Journal of Social Welfare*. 29 (3). 285-289. <https://doi.org/10.1111/ijsw.12418>

**License:** Complab datasets are free to use. Although variables have been carefully extracted, processed and analyzed, no warranty is given that the information supplied is free from error. Researchers involved in the establishment of SPIN shall not be liable for any loss suffered through the use of any of this information. References to data should acknowledge the SPIN research infrastructure (see reference below) and the specific data module.

More detailed information on the dataset can be found at the following web page: <https://www.spin.su.se/datasets/ssfd>

**Unit Notes:** The unit for this dataset is country and year. That means each row in the dataset can be identified by one country in combination with a year, using the columns country\_code (ISO 3-letter-code) and year or country\_nr (ISO numeric code) and year.

An additional country column storing the countries' full names is created as a unit identifier.

Please note that we renamed the original country variables to synchronize Complab country variable names in Demscore.

When data for Great Britain is translated from this dataset, GBR only refers to England. See the original reference document for more details.

### 5.16.1 Complab Country-Year Unit

**Translation Path: Complab Country-Year (Primary Output Unit)**

Complab Country-Year is the primary unit.

### 5.16.2 Complab Country-Year-Policy Unit

**Translation Path: Complab Country-Year → Complab Country-Year-Policy**

**Complab Country-Year Unit to Complab Country-Year-Policy Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

### 5.16.3 Complab Country-Year-Track Unit

**Translation Path: Complab Country-Year → Complab Country-Year-Track**

#### **Complab Country-Year Unit to Complab Country-Year-Track Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

#### **5.16.4 Demscore Country-Year Unit**

**Translation Path: Complab Country-Year → Demscore Country-Year**

##### **Complab Country-Year Unit to Demscore Country-Year Unit translation**

COMPLAB Country-Year is translated to DEMSCORE Country-Year by matching country and year identifiers from both Output Units.

COMPLAB identifier combinations that cannot be matched to DEMSCORE identifier combinations are dropped.

#### **5.16.5 H-DATA Cabinet-Date Unit**

**Translation Path: Complab Country-Year → H-DATA Cabinet-Date**

##### **Complab Country-Year Unit to H-DATA Cabinet-Date Unit translation**

Complab Country-Year observations are matched to the final year a cabinet was in office.

Please note that your selected Complab variables may only contain observations for a subset of countries and years included in their primary Output Unit.

Complab identifier combinations that cannot be matched to H-DATA identifier combinations are dropped, as data-quality for H-DATA variables is prioritized in translations to this unit.

#### **5.16.6 H-DATA Country-Year Unit**

**Translation Path: Complab Country-Year → H-DATA Country-Year**

##### **Complab Country-Year Unit to H-DATA Country-Year Unit translation**

COMPLAB Country-Year is translated to H-DATA Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to H-DATA identifier combinations are dropped, as data-quality for H-DATA variables is prioritized in translations to this unit.

#### **5.16.7 QoG Country-Year Unit**

**Translation Path: Complab Country-Year → QoG Country-Year**

##### **Complab Country-Year Unit to QoG Country-Year Unit translation**

COMAPLB Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

#### **5.16.8 REPDEM Cabinet-Party Unit**

**Translation Path: Complab Country-Year → REPDEM Cabinet-Party**

### **Complab Country-Year Unit to REPDEM Cabinet-Party Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

### **5.16.9 REPDEM Country-Year Unit**

**Translation Path: Complab Country-Year → REPDEM Country-Year**

#### **Complab Country-Year Unit to REPDEM Country-Year Unit translation**

COMPLAB Country-Year is translated to REPDEM Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to REPDEM identifier combinations are dropped, as data-quality for REPDEM variables is prioritized in translations to this unit.

### **5.16.10 Repdem Cabinet-Date Unit**

**Translation Path: Complab Country-Year → Repdem Cabinet-Date**

#### **Complab Country-Year Unit to Repdem Cabinet-Date Unit translation**

COMPLAB Country-Year observations are matched to the final year a cabinet was in office.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to REPDEM identifier combinations are dropped, as data-quality for REPDEM variables is prioritized in translations to this unit.

### **5.16.11 UCDP Country-Year Unit**

**Translation Path: Complab Country-Year → UCDP Country-Year**

#### **Complab Country-Year Unit to UCDP Country-Year Unit translation**

COMPLAB Country-Year is translated to UCDP Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to UCDP identifier combinations are dropped, as data-quality for UCDP variables is prioritized in translations to this unit.

#### **Additional information:**

UCDP uses Gleditsch and Ward country identifiers, COMPLAB uses ISO 3166 country codes. We match on country names.

### **5.16.12 UCDP Event ID Unit**

**Translation Path: Complab Country-Year → UCDP Event ID**

#### **Complab Country-Year Unit to UCDP Event ID Unit translation**

COMPLAB Country-Year is translated to UCDP Events by matching country and year identifiers from both Output Units. Country and year combinations from the starting Output unit are duplicated across all events that occurred with that country-year combination.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries

and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to UCDP identifier combinations are dropped

**Additional information:**

Please be aware that for this translation, we match Complab Country identifiers to the location variable in the UCDP GED Dataset.

**5.16.13 UCDP Organized Violence Country-Year Unit**

**Translation Path: Complab Country-Year → UCDP Organized Violence Country-Year**

**Complab Country-Year Unit to UCDP Organized Violence Country-Year Unit translation**

COMPLAB Country-Year is translated to UCDP OV Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to UCDP identifier combinations are dropped, as data-quality for UCDP variables is prioritized in translations to this unit.

**5.16.14 V-Dem Country-Year Unit**

**Translation Path: Complab Country-Year → V-Dem Country-Year**

**Complab Country-Year Unit to V-Dem Country-Year Unit translation**

Complab Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

**5.16.15 H-DATA Dyad-Year Unit**

**Translation Path: Complab Country-Year → H-DATA Country-Year → H-DATA Dyad-Year**

**Complab Country-Year Unit to H-DATA Country-Year Unit translation**

COMPLAB Country-Year is translated to H-DATA Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to H-DATA identifier combinations are dropped, as data-quality for H-DATA variables is prioritized in translations to this unit.

**H-DATA Country-Year Unit to H-DATA Dyad-Year Unit translation**

Country-Years are matched to Country-Years using the country identifier for country 1 in the dyad.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

**5.16.16 H-DATA Minister-Date Unit**

**Translation Path: Complab Country-Year → H-DATA Country-Year → H-DATA Minister-Date**

**Complab Country-Year Unit to H-DATA Country-Year Unit translation**

COMPLAB Country-Year is translated to H-DATA Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to H-DATA identifier combinations are dropped, as data-quality for H-DATA variables is prioritized in translations to this unit.

#### **H-DATA Country-Year Unit to H-DATA Minister-Date Unit translation**

Country-Year observations are matched to Country-Year observations based on the final year a minister in a country was in office.

Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

#### **5.16.17 QoG Agency-Fiscal Year Unit**

**Translation Path: Complab Country-Year → QoG Country-Year → QoG Agency-Fiscal Year**

##### **Complab Country-Year Unit to QoG Country-Year Unit translation**

COMAPLB Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

##### **QoG Country-Year Unit to QoG Agency-Fiscal Year Unit translation**

Country-Year data for Sweden is matched to Agency-Year data based on the agency year.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit

#### **5.16.18 QoG Country Unit**

**Translation Path: Complab Country-Year → QoG Country-Year → QoG Country**

##### **Complab Country-Year Unit to QoG Country-Year Unit translation**

COMAPLB Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

##### **QoG Country-Year Unit to QoG Country Unit translation**

QoG Country-Year is translated to QoG Country by matching the most recent Country-Year observation to Country observations.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in the primary Output Unit.

#### **5.16.19 QoG Municipality-Year Unit**

**Translation Path: Complab Country-Year → QoG Country-Year → QoG Municipality-Year**

##### **Complab Country-Year Unit to QoG Country-Year Unit translation**

COMAPLB Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

#### **QoG Country-Year Unit to QoG Municipality-Year Unit translation**

QoG Country-Year data for Sweden is matched to Municipality-Year data based on year.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit

#### **5.16.20 QoG NUTS Region-Year Unit**

**Translation Path: Complab Country-Year → QoG Country-Year → QoG NUTS Region-Year**

#### **Complab Country-Year Unit to QoG Country-Year Unit translation**

COMAPLB Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

#### **QoG Country-Year Unit to QoG NUTS Region-Year Unit translation**

Country-Year is translated to Region-Year by matching country observations to regional observations collected for the NUTS0 level (and thus equal to the country level) and year identifiers to year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit.

#### **5.16.21 V-Dem Country-Date Unit**

**Translation Path: Complab Country-Year → V-Dem Country-Year → V-Dem Country-Date**

#### **Complab Country-Year Unit to V-Dem Country-Year Unit translation**

Complab Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

#### **V-Dem Country-Year Unit to V-Dem Country-Date Unit translation**

Countries are matched to countries and Year is extracted from Dates. Country-Year observations are then matched and duplicated across Country-Years.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

#### **5.16.22 V-Dem Party-Country-Year Unit**

**Translation Path: Complab Country-Year → V-Dem Country-Year → V-Dem Party-Country-Year**

#### **Complab Country-Year Unit to V-Dem Country-Year Unit translation**

Complab Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from

both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

#### **V-Dem Country-Year Unit to V-Dem Party-Country-Year Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

#### **5.16.23 QoG NUTS2 Region Unit**

**Translation Path: Complab Country-Year → QoG Country-Year → QoG NUTS Region-Year → QoG NUTS2 Region**

##### **Complab Country-Year Unit to QoG Country-Year Unit translation**

COMAPLB Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

##### **QoG Country-Year Unit to QoG NUTS Region-Year Unit translation**

Country-Year is translated to Region-Year by matching country observations to regional observations collected for the NUTS0 level (and thus equal to the country level) and year identifiers to year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit.

##### **QoG NUTS Region-Year Unit to QoG NUTS2 Region Unit translation**

Observations for 2021 from the QoG Region Year Output Unit are matched to Country-Year.

Please note that the dataset may only contain a subset of regions and years included in its primary Output Unit.

#### **5.16.24 V-Dem Country-Date-Coder Unit**

**Translation Path: Complab Country-Year → V-Dem Country-Year → V-Dem Country-Date → V-Dem Country-Date-Coder**

##### **Complab Country-Year Unit to V-Dem Country-Year Unit translation**

Complab Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

##### **V-Dem Country-Year Unit to V-Dem Country-Date Unit translation**

Countries are matched to countries and Year is extracted from Dates. Country-Year observations are then matched and duplicated across Country-Years.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output

Unit.

#### **V-Dem Country-Date Unit to V-Dem Country-Date-Coder Unit translation**

Country-Dates are matched to Country-Dates. Country-Date combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit.

#### **5.16.25 V-Dem Party-Date-Coder Unit**

**Translation Path: Complab Country-Year → V-Dem Country-Year → V-Dem Party-Country-Year → V-Dem Party-Date-Coder**

#### **Complab Country-Year Unit to V-Dem Country-Year Unit translation**

Complab Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected COMPLAB variables may only contain observations for a subset of countries and years included in their primary Output Unit. COMPLAB identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

#### **V-Dem Country-Year Unit to V-Dem Party-Country-Year Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

#### **V-Dem Party-Country-Year Unit to V-Dem Party-Date-Coder Unit translation**

Year is extracted from date. Country-, year- and party identifiers are matched to corresponding country-year-party combinations. Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit.



## 5.17 H-DATA Historical Cabinets

*Dataset tag:* hdata\_cab

*Output Unit:*

*Description:* The Historical Cabinets (H-CAB) dataset is an historical extension of the Party Government in Europe Database (PAGED) and covers cabinets formed between 1919-1945 in 12 European countries (Austria, Belgium, Denmark, Finland, France, Germany, Iceland, Ireland, Netherland, Norway, Sweden, United Kingdom). In addition, new data for France was also collected for the period 1945-1958, covering the Fourth Republic which is not included in PAGED. The H-CAB dataset provides data on dates of cabinet formation and dissolution, along with data on the cabinet party composition, allowing for analysis on cabinet formation and duration during the interwar period.

*Dataset citation:* When using this dataset, please cite the following:

Teorell, Jan, Johan Hellström Joseph Noonan (2023), Historical Cabinets (H-CAB) Dataset v1.0, <https://www.su.se/english/research/research-projects/h-data>

*License:* CC-BY-SA 4.0 International  
<https://creativecommons.org/licenses/by-sa/4.0/legalcode>

More detailed information on the dataset can be found at the following web page: <https://www.su.se/english/research/research-projects/h-data/datasets-1.610144>

**Unit Notes:** NA

### 5.17.1 H-DATA Cabinet-Date Unit

**Translation Path: H-DATA Cabinet-Date (Primary Output Unit)**

H-DATA Cabinet-Date is the primary unit.

### 5.17.2 Complab Country-Year Unit

**Translation Path: H-DATA Cabinet-Date → Complab Country-Year**

**H-DATA Cabinet-Date Unit to Complab Country-Year Unit translation**

H-DATA Cabinet-Date is aggregated to Country-Date by matching cabinets to countries. In the case of date overlaps, the incoming cabinet is given preference over the outgoing cabinet. This is then aggregated to Country-Year and Country-Year is translated to Complab Country-Year selecting and matching the cabinet with the longest tenure in each given year. Rows are added for those years in which a cabinet has been in power throughout the whole year; these rows have the same observations as the first year that cabinet is in power.

H-DATA identifier combinations that cannot be matched to Complab identifier combinations are dropped, as data-quality for Complab variables is prioritized in translations to this unit.

### 5.17.3 Complab Country-Year-Policy Unit

**Translation Path: H-DATA Cabinet-Date → Complab Country-Year-Policy**

**H-DATA Cabinet-Date Unit to Complab Country-Year-Policy Unit translation**

H-DATA Cabinet-Date is aggregated to Country-Date by matching cabinets to countries. In the case of date overlaps, the incoming cabinet is given preference over the outgoing cabinet. This is then aggregated to Country-Year and Country-Year is translated to Complab Country-Year selecting and matching the cabinet with the longest tenure in each given year. Rows are added for those years in which a cabinet has been in power throughout the whole year; these rows have the same observations as the first year that cabinet is in power. Country-Year observations are then duplicated for each country-year within the same track.

H-DATA identifier combinations that cannot be matched to Complab identifier combinations are dropped, as data-quality for Complab variables is prioritized in translations to this unit.

#### 5.17.4 Demscore Country-Year Unit

**Translation Path: H-DATA Cabinet-Date → Demscore Country-Year**

##### **H-DATA Cabinet-Date Unit to Demscore Country-Year Unit translation**

H-DATA Cabinet-Date is aggregated to Country-Date by matching cabinets to countries. In the case of date overlaps, the incoming cabinet is given preference over the outgoing cabinet. This is then aggregated to Country-Year and Country-Year is translated to Demscore Country-Year selecting and matching the cabinet with the longest tenure in each given year. Rows are added for those years in which a cabinet has been in power throughout the whole year; these rows have the same observations as the first year that cabinet is in power.

H-DATA identifier combinations that cannot be matched to Demscore identifier combinations are dropped, as data-quality for Demscore variables is prioritized in translations to this unit.

#### 5.17.5 H-DATA Country-Year Unit

**Translation Path: H-DATA Cabinet-Date → H-DATA Country-Year**

##### **H-DATA Cabinet-Date Unit to H-DATA Country-Year Unit translation**

H-DATA Cabinet-Date is aggregated to Country-Date by matching cabinets to countries. In the case of date overlaps, the incoming cabinet is given preference over the outgoing cabinet. This is then aggregated to Country-Year and Country-Year is translated to H-DATA Country-Year selecting and matching the cabinet with the longest tenure in each given year. Rows are added for those years in which a cabinet has been in power throughout the whole year; these rows have the same observations as the first year that cabinet is in power.

H-DATA identifier combinations from the starting Output Unit that cannot be matched to H-DATA identifier combinations in the end Output Unit are dropped, as data-quality for H-DATA variables in the end Output Unit is prioritized in translations to this unit.

#### 5.17.6 H-DATA Minister-Date Unit

**Translation Path: H-DATA Cabinet-Date → H-DATA Minister-Date**

##### **H-DATA Cabinet-Date Unit to H-DATA Minister-Date Unit translation**

We match countries based on the country variable that exists in both datasets, and matching dates to the `date_in` of the H-DATA minister. `date_in` was selected because we are matching observations of sitting foreign ministers to cabinets, so selecting the incoming cabinet provides a better match than the `date_out`.

We create one row per day a cabinet was in power and match that to the H-DATA Country-Date-in. Rows that do not match H-DATA Country-Dates are dropped again. In the case of overlaps, the incoming cabinet is given preference over the outgoing cabinet, as we are matching to the `date_in` of the H-DATA foreign minister.

#### 5.17.7 V-Dem Country-Date Unit

**Translation Path: H-DATA Cabinet-Date → V-Dem Country-Year → V-Dem Country-Date**

##### **H-DATA Cabinet-Date Unit to V-Dem Country-Year Unit translation**

H-DATA Cabinet-Date is aggregated to Country-Date by matching cabinets to countries. In the case of date overlaps, the incoming cabinet is given preference over the outgoing cabinet. This is then aggregated to Country-Year and Country-Year is translated to V-Dem Country-Year selecting and matching the cabinet with the longest tenure in each given year. Rows are added for those years in which a cabinet has been in power throughout the whole year; these rows have the same observations as the first year that cabinet is in power.

H-DATA identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

##### **V-Dem Country-Year Unit to V-Dem Country-Date Unit translation**

Countries are matched to countries and Year is extracted from Dates. Country-Year observations are then matched and duplicated across Country-Years.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

#### **5.17.8 V-Dem Country-Year Unit**

**Translation Path: H-DATA Cabinet-Date → V-Dem Country-Year**

##### **H-DATA Cabinet-Date Unit to V-Dem Country-Year Unit translation**

H-DATA Cabinet-Date is aggregated to Country-Date by matching cabinets to countries. In the case of date overlaps, the incoming cabinet is given preference over the outgoing cabinet. This is then aggregated to Country-Year and Country-Year is translated to V-Dem Country-Year selecting and matching the cabinet with the longest tenure in each given year. Rows are added for those years in which a cabinet has been in power throughout the whole year; these rows have the same observations as the first year that cabinet is in power.

H-DATA identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

#### **5.17.9 H-DATA Dyad-Year Unit**

**Translation Path: H-DATA Cabinet-Date → H-DATA Country-Year → H-DATA Dyad-Year**

##### **H-DATA Cabinet-Date Unit to H-DATA Country-Year Unit translation**

H-DATA Cabinet-Date is aggregated to Country-Date by matching cabinets to countries. In the case of date overlaps, the incoming cabinet is given preference over the outgoing cabinet. This is then aggregated to Country-Year and Country-Year is translated to H-DATA Country-Year selecting and matching the cabinet with the longest tenure in each given year. Rows are added for those years in which a cabinet has been in power throughout the whole year; these rows have the same observations as the first year that cabinet is in power.

H-DATA identifier combinations from the starting Output Unit that cannot be matched to H-DATA identifier combinations in the end Output Unit are dropped, as data-quality for H-DATA variables in the end Output Unit is prioritized in translations to this unit.

##### **H-DATA Country-Year Unit to H-DATA Dyad-Year Unit translation**

Country-Years are matched to Country-Years using the country identifier for country 1 in the dyad.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

#### **5.17.10 V-Dem Country-Date-Coder Unit**

**Translation Path: H-DATA Cabinet-Date → V-Dem Country-Year → V-Dem Country-Date → V-Dem Country-Date-Coder**

##### **H-DATA Cabinet-Date Unit to V-Dem Country-Year Unit translation**

H-DATA Cabinet-Date is aggregated to Country-Date by matching cabinets to countries. In the case of date overlaps, the incoming cabinet is given preference over the outgoing cabinet. This is then aggregated to Country-Year and Country-Year is translated to V-Dem Country-Year selecting and matching the cabinet with the longest tenure in each given year. Rows are added for those years in which a cabinet has been in power throughout the whole year; these rows have the same observations as the first year that cabinet is in power.

H-DATA identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

##### **V-Dem Country-Year Unit to V-Dem Country-Date Unit translation**

Countries are matched to countries and Year is extracted from Dates. Country-Year observations are then

matched and duplicated across Country-Years.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

**V-Dem Country-Date Unit to V-Dem Country-Date-Coder Unit translation**

Country-Dates are matched to Country-Dates. Country-Date combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit.

## 5.18 H-DATA Historical Conflicts - Country-Year Level

*Dataset tag:* hdata\_conflict\_cy

*Output Unit:*

*Description:*

Timespan: 1816-1945

Coverage: 480 wars spanning 130 countries

The Historical Conflict Dataset (HCD) dataset merges multiple existing datasets on wars from 1816-1945 to create a comprehensive list of interstate, intrastate, and extrasystemic wars during this time period. It uses an expanded definition of statehood from the International System(s) Dataset to reduce the Eurocentric bias in defining what constitutes a state. The ambition of this dataset is not to make methodological changes to how conflict is defined or measured, but rather to reclassify war based on a more inclusive definition of statehood and to create a dataset that increases ease of access to war data, particularly for scholars working with country-level historical data between 1816 to 1945.

The data is available in two formats: country-war and country-year. In the country-war datasets has a single case for each country participant and war. The country-year format contains binary variables on whether a country was involved in the different types of conflicts and has one case per country-year.

*Dataset citation:* When using this dataset, please cite the following:

Noonan, Joseph Jan Teorell (2023), Historical Conflict Dataset (HCD) Dataset v1.0, <https://www.su.se/english/research/research-projects/h-data>

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<https://creativecommons.org/licenses/by-sa/4.0/legalcode>

More detailed information on the dataset can be found at the following web page: <https://www.su.se/english/research/research-projects/h-data/datasets-1.610144>

*Unit Notes:* NA

### 5.18.1 H-DATA Country-Year Unit

**Translation Path: H-DATA Country-Year (Primary Output Unit)**

H-DATA Country-Year is the primary unit.

### 5.18.2 Complab Country-Year Unit

**Translation Path: H-DATA Country-Year → Complab Country-Year**

**H-DATA Country-Year Unit to Complab Country-Year Unit translation**

H-DATA Country-Year is translated to COMPLAB Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected H-DATA variables may only contain observations for a subset of countries and years included in their primary Output Unit. H-DATA identifier combinations that cannot be matched to COMPLAB identifier combinations are dropped, as data-quality for COMPLAB variables is prioritized in translations to this unit.

### 5.18.3 Complab Country-Year-Policy Unit

**Translation Path: H-DATA Country-Year → Complab Country-Year-Policy**

**H-DATA Country-Year Unit to Complab Country-Year-Policy Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

#### **5.18.4 Complab Country-Year-Track Unit**

**Translation Path: H-DATA Country-Year → Complab Country-Year-Track**

##### **H-DATA Country-Year Unit to Complab Country-Year-Track Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

#### **5.18.5 Demscore Country-Year Unit**

**Translation Path: H-DATA Country-Year → Demscore Country-Year**

##### **H-DATA Country-Year Unit to Demscore Country-Year Unit translation**

H-DATA Country-Year is translated to Country-Year by matching country and year identifiers from both Output Units.

H-DATA identifier combinations that cannot be matched to DEMSCORE identifier combinations are dropped.

#### **5.18.6 H-DATA Dyad-Year Unit**

**Translation Path: H-DATA Country-Year → H-DATA Dyad-Year**

##### **H-DATA Country-Year Unit to H-DATA Dyad-Year Unit translation**

Country-Years are matched to Country-Years using the country identifier for country 1 in the dyad.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

#### **5.18.7 H-DATA Minister-Date Unit**

**Translation Path: H-DATA Country-Year → H-DATA Minister-Date**

##### **H-DATA Country-Year Unit to H-DATA Minister-Date Unit translation**

Country-Year observations are matched to Country-Year observations based on the final year a minister in a country was in office.

Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

#### **5.18.8 QoG Country-Year Unit**

**Translation Path: H-DATA Country-Year → QoG Country-Year**

##### **H-DATA Country-Year Unit to QoG Country-Year Unit translation**

H-DATA Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected H-DATA variables may only contain observations for a subset of countries and years included in their primary Output Unit. H-DATA identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

#### **5.18.9 REPDEM Cabinet-Party Unit**

**Translation Path: H-DATA Country-Year → REPDEM Cabinet-Party**

##### **H-DATA Country-Year Unit to REPDEM Cabinet-Party Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

#### **5.18.10 REPDEM Country-Year Unit**

**Translation Path: H-DATA Country-Year → Repdem Country-Date → REPDEM Country-Year**

c("textbfH-DATA Country-Year Unit to Repdem Country-Date Unit translation ", "textbfH-DATA Country-Year Unit to Repdem Country-Date Unit translation ")c("textbfRepdem Country-Date Unit to Repdem Country-Date Unit translation ", "textbfRepdem Country-Date Unit to Repdem Country-Date Unit translation ")c("textbfRepdem Country-Date Unit to REPDEM Country-Year Unit translation ", "textbfRepdem Country-Date Unit to REPDEM Country-Year Unit translation ")

#### **5.18.11 Repdem Cabinet-Date Unit**

**Translation Path: H-DATA Country-Year → Repdem Cabinet-Date**

**H-DATA Country-Year Unit to Repdem Cabinet-Date Unit translation**

H-DATA Country-Year observations are matched to the final year a cabinet was in office.

Please note that your selected H-DATA variables may only contain observations for a subset of countries and years included in their primary Output Unit. H-DATA identifier combinations that cannot be matched to REPDEM identifier combinations are dropped, as data-quality for REPDEM variables is prioritized in translations to this unit.

#### **5.18.12 UCDP Country-Year Unit**

**Translation Path: H-DATA Country-Year → UCDP Country-Year**

**H-DATA Country-Year Unit to UCDP Country-Year Unit translation**

H-DATA Country-Year is translated to UCDP Country-Year by matching country and year identifiers from both Output Units.

As H-DATA country definitions are based on the country definitions of the *Historical Varieties of Democracy* project, H-DATA France, Netherlands, Portugal, Spain, United Kingdom and United States of America do not include overseas territories. UCDP uses Gleditsch and Ward country identifiers and definitions.

Please note that your selected H-DATA variables may only contain observations for a subset of countries and years included in their primary Output Unit. H-DATA identifier combinations that cannot be matched to UCDP identifier combinations are dropped, as data-quality for UCDP variables is prioritized in translations to this unit.

#### **5.18.13 UCDP Event ID Unit**

**Translation Path: H-DATA Country-Year → UCDP Event ID**

**H-DATA Country-Year Unit to UCDP Event ID Unit translation**

H-DATA Country-Year is translated to UCDP Events by matching country and year identifiers from both Output Units. Country and year combinations from the starting Output unit are duplicated across all events that occurred with that country-year combination.

Please note that your selected H-DATA variables may only contain observations for a subset of countries and years included in their primary Output Unit. H-DATA identifier combinations that cannot be matched to UCDP identifier combinations are dropped

#### **5.18.14 UCDP Organized Violence Country-Year Unit**

**Translation Path: H-DATA Country-Year → UCDP Organized Violence Country-Year**

##### **H-DATA Country-Year Unit to UCDP Organized Violence Country-Year Unit translation**

H-DATA Country-Year is translated to UCDP OV Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected H-DATA variables may only contain observations for a subset of countries and years included in their primary Output Unit. H-DATA identifier combinations that cannot be matched to UCDP identifier combinations are dropped, as data-quality for UCDP variables is prioritized in translations to this unit.

#### **5.18.15 V-Dem Country-Year Unit**

**Translation Path: H-DATA Country-Year → V-Dem Country-Year**

##### **H-DATA Country-Year Unit to V-Dem Country-Year Unit translation**

H-DATA Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected H-DATA variables may only contain observations for a subset of countries and years included in their primary Output Unit. H-DATA identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

#### **5.18.16 QoG Agency-Fiscal Year Unit**

**Translation Path: H-DATA Country-Year → QoG Country-Year → QoG Agency-Fiscal Year**

##### **H-DATA Country-Year Unit to QoG Country-Year Unit translation**

H-DATA Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected H-DATA variables may only contain observations for a subset of countries and years included in their primary Output Unit. H-DATA identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

##### **QoG Country-Year Unit to QoG Agency-Fiscal Year Unit translation**

Country-Year data for Sweden is matched to Agency-Year data based on the agency year.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit

#### **5.18.17 QoG Country Unit**

**Translation Path: H-DATA Country-Year → QoG Country-Year → QoG Country**

##### **H-DATA Country-Year Unit to QoG Country-Year Unit translation**

H-DATA Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected H-DATA variables may only contain observations for a subset of countries and years included in their primary Output Unit. H-DATA identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

##### **QoG Country-Year Unit to QoG Country Unit translation**



QoG Country-Year is translated to QoG Country by matching the most recent Country-Year observation to Country observations.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in the primary Output Unit.

#### **5.18.18 QoG NUTS Region-Year Unit**

**Translation Path: H-DATA Country-Year → QoG Country-Year → QoG NUTS Region-Year**

##### **H-DATA Country-Year Unit to QoG Country-Year Unit translation**

H-DATA Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected H-DATA variables may only contain observations for a subset of countries and years included in their primary Output Unit. H-DATA identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

##### **QoG Country-Year Unit to QoG NUTS Region-Year Unit translation**

Country-Year is translated to Region-Year by matching country observations to regional observations collected for the NUTS0 level (and thus equal to the country level) and year identifiers to year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit.

#### **5.18.19 V-Dem Country-Date Unit**

**Translation Path: H-DATA Country-Year → V-Dem Country-Year → V-Dem Country-Date**

##### **H-DATA Country-Year Unit to V-Dem Country-Year Unit translation**

H-DATA Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected H-DATA variables may only contain observations for a subset of countries and years included in their primary Output Unit. H-DATA identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

##### **V-Dem Country-Year Unit to V-Dem Country-Date Unit translation**

Countries are matched to countries and Year is extracted from Dates. Country-Year observations are then matched and duplicated across Country-Years.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

#### **5.18.20 V-Dem Country-Date-Coder Unit**

**Translation Path: H-DATA Country-Year → V-Dem Country-Year → V-Dem Country-Date-Coder**

##### **H-DATA Country-Year Unit to V-Dem Country-Year Unit translation**

H-DATA Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected H-DATA variables may only contain observations for a subset of countries and years included in their primary Output Unit. H-DATA identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

##### **V-Dem Country-Year Unit to V-Dem Country-Date-Coder Unit translation**

NA

### **5.18.21 V-Dem Party-Country-Year Unit**

**Translation Path: H-DATA Country-Year → V-Dem Country-Year → V-Dem Party-Country-Year**

#### **H-DATA Country-Year Unit to V-Dem Country-Year Unit translation**

H-DATA Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected H-DATA variables may only contain observations for a subset of countries and years included in their primary Output Unit. H-DATA identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

#### **V-Dem Country-Year Unit to V-Dem Party-Country-Year Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

### **5.18.22 V-Dem Party-Date-Coder Unit**

**Translation Path: H-DATA Country-Year → V-Dem Country-Year → V-Dem Party-Date-Coder**

#### **H-DATA Country-Year Unit to V-Dem Country-Year Unit translation**

H-DATA Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected H-DATA variables may only contain observations for a subset of countries and years included in their primary Output Unit. H-DATA identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

#### **V-Dem Country-Year Unit to V-Dem Party-Date-Coder Unit translation**

## 5.19 H-DATA Historical Conflicts - War Level

*Dataset tag:* hdata\_conflict\_war

*Output Unit:*

*Description:*

Timespan: 1816-1945

Coverage: 480 wars spanning 130 countries

The Historical Conflict Dataset (HCD) dataset merges multiple existing datasets on wars from 1816-1945 to create a comprehensive list of interstate, intrastate, and extrasystemic wars during this time period. It uses an expanded definition of statehood from the International System(s) Dataset to reduce the Eurocentric bias in defining what constitutes a state. The ambition of this dataset is not to make methodological changes to how conflict is defined or measured, but rather to reclassify war based on a more inclusive definition of statehood and to create a dataset that increases ease of access to war data, particularly for scholars working with country-level historical data between 1816 to 1945.

The data is available in two formats: country-war and country-year. In the county-war datasets has a single case for each country participant and war. The country-year format contains binary variables on whether a country was involved in the different types of conflicts and has one case per country-year.

*Dataset citation:* When using this dataset, please cite the following:

Noonan, Joseph Jan Teorell (2023), Historical Conflict Dataset (HCD) Dataset v1.0, <https://www.su.se/english/research/research-projects/h-data>

*License:* CC-BY-SA 4.0 International

<https://creativecommons.org/licenses/by-sa/4.0/legalcode>

More detailed information on the dataset can be found at the following web page: <https://www.su.se/english/research/research-projects/h-data/datasets-1.610144>

**Unit Notes:** NA

### 5.19.1 H-DATA Country-Year-War Unit

**Translation Path: H-DATA Country-Year-War (Primary Output Unit)**

H-DATA Country-Year-War is the primary unit.

## 5.20 H-DATA Diplomatic Representation

**Dataset tag:** hdata\_direp

**Output Unit:** H-DATA Dyad-Year, i.e., data is collected per country dyad and year.

**Description:** This dataset builds upon the Correlates of War (COW) dataset Diplomatic Exchange, 1817-2005 (v2006.1) by expanding the country and temporal coverage of diplomatic representation during the 19th century by including states that have been excluded from the COW sample. The dataset is dyadic with each row containing two sets of identifiers, with the key variable being the level of diplomatic representation of country 2 by country 1. This dataset was used in Jan Teorell's article Rules of recognition? Explaining diplomatic representation since the Congress of Vienna published in *Cooperation and Conflict* in 2022.

**Dataset citation:** When using this dataset, please cite the following paper:

Teorell, J. (2022), Rules of recognition? Explaining diplomatic representation since the Congress of Vienna, *Cooperation and Conflict*, <https://doi.org/10.1177/00108367221093151>

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More detailed information on the dataset can be found at the following web page: <https://www.su.se/english/research/research-projects/h-data/datasets-1.610144>

**Unit Notes:** The unit for this dataset is a dyad and a year. The dyad consist of two country variables, with country 2 being the country that is diplomatically represented by country 1 in a given year.

### 5.20.1 H-DATA Dyad-Year Unit

**Translation Path:** H-DATA Dyad-Year (Primary Output Unit)

H-DATA Dyad-Year is the primary unit.

**Additional information:**

All translations are done using country names/code of country 1 in the dyad, which is the country representing country 2.

### 5.20.2 H-DATA Country-Year Unit

**Translation Path:** H-DATA Dyad-Year → H-DATA Country-Year

**H-DATA Dyad-Year Unit to H-DATA Country-Year Unit translation**

H-DATA Dyad-Year is aggregated to Country-Year by counting how many countries a country 1 represents at which level of diplomatic representation in a given year. We create new variables for each level of representation in the aggregated dataset, each storing the count of occurrences of a diprep\_dr level (0, 1, 2, 3, 9) in a given country 1-year.

### 5.20.3 Complab Country-Year Unit

**Translation Path:** H-DATA Dyad-Year → H-DATA Country-Year → Complab Country-Year

**H-DATA Dyad-Year Unit to H-DATA Country-Year Unit translation**

H-DATA Dyad-Year is aggregated to Country-Year by counting how many countries a country 1 represents at which level of diplomatic representation in a given year. We create new variables for each level of representation in the aggregated dataset, each storing the count of occurrences of a diprep\_dr level (0, 1, 2, 3, 9) in a given country 1-year.

**H-DATA Country-Year Unit to Complab Country-Year Unit translation**

H-DATA Country-Year is translated to COMPLAB Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected H-DATA variables may only contain observations for a subset of countries and years included in their primary Output Unit. H-DATA identifier combinations that cannot be matched to COMPLAB identifier combinations are dropped, as data-quality for COMPLAB variables is prioritized in translations to this unit.

#### 5.20.4 Demscore Country-Year Unit

**Translation Path: H-DATA Dyad-Year → H-DATA Country-Year → Demscore Country-Year**

##### **H-DATA Dyad-Year Unit to H-DATA Country-Year Unit translation**

H-DATA Dyad-Year is aggregated to Country-Year by counting how many countries a country 1 represents at which level of diplomatic representation in a given year. We create new variables for each level of representation in the aggregated dataset, each storing the count of occurrences of a diprep\_dr level (0, 1, 2, 3, 9) in a given country 1-year.

##### **H-DATA Country-Year Unit to Demscore Country-Year Unit translation**

H-DATA Country-Year is translated to Country-Year by matching country and year identifiers from both Output Units.

H-DATA identifier combinations that cannot be matched to DEMSCORE identifier combinations are dropped.

#### 5.20.5 H-DATA Cabinet-Date Unit

**Translation Path: H-DATA Dyad-Year → H-DATA Country-Year → H-DATA Cabinet-Date**

##### **H-DATA Dyad-Year Unit to H-DATA Country-Year Unit translation**

H-DATA Dyad-Year is aggregated to Country-Year by counting how many countries a country 1 represents at which level of diplomatic representation in a given year. We create new variables for each level of representation in the aggregated dataset, each storing the count of occurrences of a diprep\_dr level (0, 1, 2, 3, 9) in a given country 1-year.

##### **H-DATA Country-Year Unit to H-DATA Cabinet-Date Unit translation**

#### 5.20.6 H-DATA Minister-Date Unit

**Translation Path: H-DATA Dyad-Year → H-DATA Country-Year → H-DATA Minister-Date**

##### **H-DATA Dyad-Year Unit to H-DATA Country-Year Unit translation**

H-DATA Dyad-Year is aggregated to Country-Year by counting how many countries a country 1 represents at which level of diplomatic representation in a given year. We create new variables for each level of representation in the aggregated dataset, each storing the count of occurrences of a diprep\_dr level (0, 1, 2, 3, 9) in a given country 1-year.

##### **H-DATA Country-Year Unit to H-DATA Minister-Date Unit translation**

Country-Year observations are matched to Country-Year observations based on the final year a minister in a country was in office.

Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

#### 5.20.7 QoG Country-Year Unit

**Translation Path: H-DATA Dyad-Year → H-DATA Country-Year → QoG Country-Year**

##### **H-DATA Dyad-Year Unit to H-DATA Country-Year Unit translation**

H-DATA Dyad-Year is aggregated to Country-Year by counting how many countries a country 1 represents at which level of diplomatic representation in a given year. We create new variables for each level of representation in the aggregated dataset, each storing the count of occurrences of a diprep\_dr level (0, 1, 2, 3, 9) in a given country 1-year.

### **H-DATA Country-Year Unit to QoG Country-Year Unit translation**

H-DATA Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected H-DATA variables may only contain observations for a subset of countries and years included in their primary Output Unit. H-DATA identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

### **5.20.8 REPDEM Cabinet-Party Unit**

**Translation Path: H-DATA Dyad-Year → H-DATA Country-Year → REPDEM Cabinet-Party**

#### **H-DATA Dyad-Year Unit to H-DATA Country-Year Unit translation**

H-DATA Dyad-Year is aggregated to Country-Year by counting how many countries a country 1 represents at which level of diplomatic representation in a given year. We create new variables for each level of representation in the aggregated dataset, each storing the count of occurrences of a diprep\_dr level (0, 1, 2, 3, 9) in a given country 1-year.

#### **H-DATA Country-Year Unit to REPDEM Cabinet-Party Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

### **5.20.9 REPDEM Country-Year Unit**

**Translation Path: H-DATA Dyad-Year → H-DATA Country-Year → REPDEM Country-Year**

#### **H-DATA Dyad-Year Unit to H-DATA Country-Year Unit translation**

H-DATA Dyad-Year is aggregated to Country-Year by counting how many countries a country 1 represents at which level of diplomatic representation in a given year. We create new variables for each level of representation in the aggregated dataset, each storing the count of occurrences of a diprep\_dr level (0, 1, 2, 3, 9) in a given country 1-year.

#### **H-DATA Country-Year Unit to REPDEM Country-Year Unit translation**

H-DATA Country-Year is translated to REPDEM Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected H-DATA variables may only contain observations for a subset of countries and years included in their primary Output Unit. H-DATA identifier combinations that cannot be matched to REPDEM identifier combinations are dropped, as data-quality for REPDEM variables is prioritized in translations to this unit.

### **5.20.10 Repdem Cabinet-Date Unit**

**Translation Path: H-DATA Dyad-Year → H-DATA Country-Year → Repdem Cabinet-Date**

#### **H-DATA Dyad-Year Unit to H-DATA Country-Year Unit translation**

H-DATA Dyad-Year is aggregated to Country-Year by counting how many countries a country 1 represents at which level of diplomatic representation in a given year. We create new variables for each level of representation in the aggregated dataset, each storing the count of occurrences of a diprep\_dr level (0, 1, 2, 3, 9) in a given country 1-year.

#### **H-DATA Country-Year Unit to Repdem Cabinet-Date Unit translation**

H-DATA Country-Year observations are matched to the final year a cabinet was in office.

Please note that your selected H-DATA variables may only contain observations for a subset of countries and years included in their primary Output Unit. H-DATA identifier combinations that cannot be matched to REPDEM identifier combinations are dropped, as data-quality for REPDEM variables is prioritized in translations to this unit.

#### **5.20.11 UCDP Country-Year Unit**

**Translation Path: H-DATA Dyad-Year → H-DATA Country-Year → UCDP Country-Year**

##### **H-DATA Dyad-Year Unit to H-DATA Country-Year Unit translation**

H-DATA Dyad-Year is aggregated to Country-Year by counting how many countries a country 1 represents at which level of diplomatic representation in a given year. We create new variables for each level of representation in the aggregated dataset, each storing the count of occurrences of a diprep\_dr level (0, 1, 2, 3, 9) in a given country 1-year.

##### **H-DATA Country-Year Unit to UCDP Country-Year Unit translation**

H-DATA Country-Year is translated to UCDP Country-Year by matching country and year identifiers from both Output Units.

As H-DATA country definitions are based on the country definitions of the *Historical Varieties of Democracy* project, H-DATA France, Netherlands, Portugal, Spain, United Kingdom and United States of America do not include overseas territories. UCDP uses Gleditsch and Ward country identifiers and definitions.

Please note that your selected H-DATA variables may only contain observations for a subset of countries and years included in their primary Output Unit. H-DATA identifier combinations that cannot be matched to UCDP identifier combinations are dropped, as data-quality for UCDP variables is prioritized in translations to this unit.

#### **5.20.12 UCDP Event ID Unit**

**Translation Path: H-DATA Dyad-Year → H-DATA Country-Year → UCDP Event ID**

##### **H-DATA Dyad-Year Unit to H-DATA Country-Year Unit translation**

H-DATA Dyad-Year is aggregated to Country-Year by counting how many countries a country 1 represents at which level of diplomatic representation in a given year. We create new variables for each level of representation in the aggregated dataset, each storing the count of occurrences of a diprep\_dr level (0, 1, 2, 3, 9) in a given country 1-year.

##### **H-DATA Country-Year Unit to UCDP Event ID Unit translation**

H-DATA Country-Year is translated to UCDP Events by matching country and year identifiers from both Output Units. Country and year combinations from the starting Output unit are duplicated across all events that occurred with that country-year combination.

Please note that your selected H-DATA variables may only contain observations for a subset of countries and years included in their primary Output Unit. H-DATA identifier combinations that cannot be matched to UCDP identifier combinations are dropped

#### **5.20.13 UCDP Organized Violence Country-Year Unit**

**Translation Path: H-DATA Dyad-Year → H-DATA Country-Year → UCDP Organized Violence Country-Year**

##### **H-DATA Dyad-Year Unit to H-DATA Country-Year Unit translation**

H-DATA Dyad-Year is aggregated to Country-Year by counting how many countries a country 1 represents at which level of diplomatic representation in a given year. We create new variables for each level of representation in the aggregated dataset, each storing the count of occurrences of a diprep\_dr level (0, 1, 2, 3, 9) in a given country 1-year.

##### **H-DATA Country-Year Unit to UCDP Organized Violence Country-Year Unit translation**

H-DATA Country-Year is translated to UCDP OV Country-Year by matching country and year identifiers

from both Output Units.

Please note that your selected H-DATA variables may only contain observations for a subset of countries and years included in their primary Output Unit. H-DATA identifier combinations that cannot be matched to UCDP identifier combinations are dropped, as data-quality for UCDP variables is prioritized in translations to this unit.

#### **5.20.14 V-Dem Country-Year Unit**

**Translation Path: H-DATA Dyad-Year → H-DATA Country-Year → V-Dem Country-Year → V-Dem Party-Country-Year**

##### **H-DATA Dyad-Year Unit to H-DATA Country-Year Unit translation**

H-DATA Dyad-Year is aggregated to Country-Year by counting how many countries a country 1 represents at which level of diplomatic representation in a given year. We create new variables for each level of representation in the aggregated dataset, each storing the count of occurrences of a diprep\_dr level (0, 1, 2, 3, 9) in a given country 1-year.

##### **H-DATA Country-Year Unit to V-Dem Country-Year Unit translation**

H-DATA Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected H-DATA variables may only contain observations for a subset of countries and years included in their primary Output Unit. H-DATA identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

##### **V-Dem Country-Year Unit to V-Dem Party-Country-Year Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

#### **5.20.15 QoG NUTS Region-Year Unit**

**Translation Path: H-DATA Dyad-Year → H-DATA Country-Year → QoG Country-Year → QoG NUTS Region-Year**

##### **H-DATA Dyad-Year Unit to H-DATA Country-Year Unit translation**

H-DATA Dyad-Year is aggregated to Country-Year by counting how many countries a country 1 represents at which level of diplomatic representation in a given year. We create new variables for each level of representation in the aggregated dataset, each storing the count of occurrences of a diprep\_dr level (0, 1, 2, 3, 9) in a given country 1-year.

##### **H-DATA Country-Year Unit to QoG Country-Year Unit translation**

H-DATA Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected H-DATA variables may only contain observations for a subset of countries and years included in their primary Output Unit. H-DATA identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

##### **QoG Country-Year Unit to QoG NUTS Region-Year Unit translation**

Country-Year is translated to Region-Year by matching country observations to regional observations collected for the NUTS0 level (and thus equal to the country level) and year identifiers to year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit.



## 5.21 H-DATA Foreign Minister Dataset

**Dataset tag:** hdata\_fomin

**Output Unit:** H-DATA Minister-Year, i.e., data is collected per foreign minister and the date they got into office.

**Description:** For their article "War, Performance, and the Survival of Foreign Ministers", Hanna Bäck, Jan Teorell, Alexander Von Hagen-Jamar and Alejandro Quiroz Flores created The Foreign Minister Dataset. The Foreign Minister Dataset consists of comparative historical data on foreign ministers' background and reasons for leaving office in the world's 13 former and current great powers from 1789 to the present. The data covers 1155 regular (non-acting) foreign ministers, as well as partial information on 173 acting foreign ministers, for the following 13 great powers: Austria (the Habsburg Empire/Austria-Hungary), Britain, China (Qing Empire/Republic/People's Republic of China), France, Italy, Japan, the Netherlands, Prussia/Germany, the Ottoman Empire/Turkey, Russia, Spain, Sweden and the United States.

**Dataset citation:** When using this dataset, please cite the following paper:

Hanna Bäck, Jan Teorell, Alexander Von Hagen-Jamar, Alejandro Quiroz Flores, War, Performance, and the Survival of Foreign Ministers, *Foreign Policy Analysis*, Volume 17, Issue 2, April 2021, oraa024, <https://doi.org/10.1093/fpa/oraa024>

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More detailed information on the dataset can be found at the following web page: <https://www.su.se/english/research/research-projects/h-data/datasets-1.610144>

**Unit Notes:** The unit for this dataset is foreign minister and the day they entered office. That means each row in the dataset can be identified by one minister in combination with a date, using the columns foreignminister and date\_in. The date\_in column does not exist in the original dataset but is a concatenation of the columns fminyear, fminmonth and fminday.

Several other columns, such as date\_out, country\_name, etc. are added to the unit table in order to aggregate and later translate to other Output Units.

### 5.21.1 H-DATA Minister-Date Unit

**Translation Path:** H-DATA Minister-Date (Primary Output Unit)

H-DATA Minister-Date is the primary unit.

### 5.21.2 H-DATA Cabinet-Date Unit

**Translation Path:** H-DATA Minister-Date → H-DATA Cabinet-Date

**H-DATA Minister-Date Unit to H-DATA Cabinet-Date Unit translation**

Dates are matched to dates. In-dates are prioritized over out-dates.

### 5.21.3 H-DATA Country-Year Unit

**Translation Path:** H-DATA Minister-Date → H-DATA Country-Year

**H-DATA Minister-Date Unit to H-DATA Country-Year Unit translation**

H-DATA Minister-Date is aggregated to Country-Date using the in-date, i.e. the date a minister entered office. In cases of overlap, the foreign minister with a longer tenure is selected. Country-Date is aggregated to a Country-Year level by only keeping one observation per year for the minister who was in office for the highest number of days during that year. Country-Years are finally matched to Country-Years.

### 5.21.4 H-DATA Dyad-Year Unit

**Translation Path:** H-DATA Minister-Date → H-DATA Dyad-Year

### **H-DATA Minister-Date Unit to H-DATA Dyad-Year Unit translation**

Minister-Date is aggregated to Country-Date using the in-date, i.e. the date a minister entered office. In cases of overlap, the foreign minister with a longer tenure is selected. Country-Date is aggregated to a Country-Year level by only keeping one observation per year for the minister who was in office for the highest number of days during that year. Country-Years are finally matched to Country-Years using the country identifier for country 1 in the dyad.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

#### **5.21.5 Repdem Cabinet-Date Unit**

**Translation Path: H-DATA Minister-Date → Repdem Cabinet-Date**

### **H-DATA Minister-Date Unit to Repdem Cabinet-Date Unit translation**

We first aggregate the Minister-Date combinations to a Country-Date level. We then create one row per day a foreign minister was in power and match that to Repdem Country and in-date combinations. Rows that do not match Repdem Country-Dates are dropped again.

#### **Additional information:**

We chose to match on in-dates because we are matching observations of sitting cabinets to ministers. Hence, selecting the incoming minister provides a better match than the outgoing minister.

#### **5.21.6 V-Dem Country-Date Unit**

**Translation Path: H-DATA Minister-Date → V-Dem Country-Date**

### **H-DATA Minister-Date Unit to V-Dem Country-Date Unit translation**

H-DATA Minister-Date is translated to V-Dem Country-Date by matching foreign minister and date combinations to country-date combinations. We create one row per day a foreign minister was in office and match them to V-Dem Country-Dates. Rows that do not match V-Dem Country-Dates are dropped again. In the case of overlaps, the incoming foreign minister is given preference over the outgoing foreign minister.

#### **5.21.7 Complab Country-Year Unit**

**Translation Path: H-DATA Minister-Date → H-DATA Country-Year → Complab Country-Year**

### **H-DATA Minister-Date Unit to H-DATA Country-Year Unit translation**

H-DATA Minister-Date is aggregated to Country-Date using the in-date, i.e. the date a minister entered office. In cases of overlap, the foreign minister with a longer tenure is selected. Country-Date is aggregated to a Country-Year level by only keeping one observation per year for the minister who was in office for the highest number of days during that year. Country-Years are finally matched to Country-Years.

### **H-DATA Country-Year Unit to Complab Country-Year Unit translation**

H-DATA Country-Year is translated to COMPLAB Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected H-DATA variables may only contain observations for a subset of countries and years included in their primary Output Unit. H-DATA identifier combinations that cannot be matched to COMPLAB identifier combinations are dropped, as data-quality for COMPLAB variables is prioritized in translations to this unit.

#### **5.21.8 Demscore Country-Year Unit**

**Translation Path: H-DATA Minister-Date → H-DATA Country-Year → Demscore Country-Year**

### **H-DATA Minister-Date Unit to H-DATA Country-Year Unit translation**

H-DATA Minister-Date is aggregated to Country-Date using the in-date, i.e. the date a minister entered office. In cases of overlap, the foreign minister with a longer tenure is selected. Country-Date is aggregated to a Country-Year level by only keeping one observation per year for the minister who was in office for the highest number of days during that year. Country-Years are finally matched to Country-Years.

#### **H-DATA Country-Year Unit to Demscore Country-Year Unit translation**

H-DATA Country-Year is translated to Country-Year by matching country and year identifiers from both Output Units.

H-DATA identifier combinations that cannot be matched to DEMSCORE identifier combinations are dropped.

### **5.21.9 QoG Country-Year Unit**

**Translation Path: H-DATA Minister-Date → H-DATA Country-Year → QoG Country-Year**

#### **H-DATA Minister-Date Unit to H-DATA Country-Year Unit translation**

H-DATA Minister-Date is aggregated to Country-Date using the in-date, i.e. the date a minister entered office. In cases of overlap, the foreign minister with a longer tenure is selected. Country-Date is aggregated to a Country-Year level by only keeping one observation per year for the minister who was in office for the highest number of days during that year. Country-Years are finally matched to Country-Years.

#### **H-DATA Country-Year Unit to QoG Country-Year Unit translation**

H-DATA Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected H-DATA variables may only contain observations for a subset of countries and years included in their primary Output Unit. H-DATA identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

### **5.21.10 REPDEM Cabinet-Party Unit**

**Translation Path: H-DATA Minister-Date → H-DATA Country-Year → REPDEM Cabinet-Party**

#### **H-DATA Minister-Date Unit to H-DATA Country-Year Unit translation**

H-DATA Minister-Date is aggregated to Country-Date using the in-date, i.e. the date a minister entered office. In cases of overlap, the foreign minister with a longer tenure is selected. Country-Date is aggregated to a Country-Year level by only keeping one observation per year for the minister who was in office for the highest number of days during that year. Country-Years are finally matched to Country-Years.

#### **H-DATA Country-Year Unit to REPDEM Cabinet-Party Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

### **5.21.11 REPDEM Country-Year Unit**

**Translation Path: H-DATA Minister-Date → H-DATA Country-Year → REPDEM Country-Year**

#### **H-DATA Minister-Date Unit to H-DATA Country-Year Unit translation**

H-DATA Minister-Date is aggregated to Country-Date using the in-date, i.e. the date a minister entered office. In cases of overlap, the foreign minister with a longer tenure is selected. Country-Date is aggregated to a Country-Year level by only keeping one observation per year for the minister who was in office for the highest number of days during that year. Country-Years are finally matched to Country-Years.

### **H-DATA Country-Year Unit to REPDEM Country-Year Unit translation**

H-DATA Country-Year is translated to REPDEM Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected H-DATA variables may only contain observations for a subset of countries and years included in their primary Output Unit. H-DATA identifier combinations that cannot be matched to REPDEM identifier combinations are dropped, as data-quality for REPDEM variables is prioritized in translations to this unit.

### **5.21.12 UCDP Country-Year Unit**

**Translation Path: H-DATA Minister-Date → H-DATA Country-Year → UCDP Country-Year**

#### **H-DATA Minister-Date Unit to H-DATA Country-Year Unit translation**

H-DATA Minister-Date is aggregated to Country-Date using the in-date, i.e. the date a minister entered office. In cases of overlap, the foreign minister with a longer tenure is selected. Country-Date is aggregated to a Country-Year level by only keeping one observation per year for the minister who was in office for the highest number of days during that year. Country-Years are finally matched to Country-Years.

#### **H-DATA Country-Year Unit to UCDP Country-Year Unit translation**

H-DATA Country-Year is translated to UCDP Country-Year by matching country and year identifiers from both Output Units.

As H-DATA country definitions are based on the country definitions of the *Historical Varieties of Democracy* project, H-DATA France, Netherlands, Portugal, Spain, United Kingdom and United States of America do not include overseas territories. UCDP uses Gleditsch and Ward country identifiers and definitions.

Please note that your selected H-DATA variables may only contain observations for a subset of countries and years included in their primary Output Unit. H-DATA identifier combinations that cannot be matched to UCDP identifier combinations are dropped, as data-quality for UCDP variables is prioritized in translations to this unit.

### **5.21.13 UCDP Event ID Unit**

**Translation Path: H-DATA Minister-Date → H-DATA Country-Year → UCDP Event ID**

#### **H-DATA Minister-Date Unit to H-DATA Country-Year Unit translation**

H-DATA Minister-Date is aggregated to Country-Date using the in-date, i.e. the date a minister entered office. In cases of overlap, the foreign minister with a longer tenure is selected. Country-Date is aggregated to a Country-Year level by only keeping one observation per year for the minister who was in office for the highest number of days during that year. Country-Years are finally matched to Country-Years.

#### **H-DATA Country-Year Unit to UCDP Event ID Unit translation**

H-DATA Country-Year is translated to UCDP Events by matching country and year identifiers from both Output Units. Country and year combinations from the starting Output unit are duplicated across all events that occurred with that country-year combination.

Please note that your selected H-DATA variables may only contain observations for a subset of countries and years included in their primary Output Unit. H-DATA identifier combinations that cannot be matched to UCDP identifier combinations are dropped

### **5.21.14 UCDP Organized Violence Country-Year Unit**

**Translation Path: H-DATA Minister-Date → H-DATA Country-Year → UCDP Organized Violence Country-Year**

#### **H-DATA Minister-Date Unit to H-DATA Country-Year Unit translation**

H-DATA Minister-Date is aggregated to Country-Date using the in-date, i.e. the date a minister entered office. In cases of overlap, the foreign minister with a longer tenure is selected. Country-Date is aggregated to a Country-Year level by only keeping one observation per year for the minister who was in office for the

highest number of days during that year. Country-Years are finally matched to Country-Years.

#### **H-DATA Country-Year Unit to UCDP Organized Violence Country-Year Unit translation**

H-DATA Country-Year is translated to UCDP OV Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected H-DATA variables may only contain observations for a subset of countries and years included in their primary Output Unit. H-DATA identifier combinations that cannot be matched to UCDP identifier combinations are dropped, as data-quality for UCDP variables is prioritized in translations to this unit.

#### **5.21.15 V-Dem Country-Date-Coder Unit**

**Translation Path: H-DATA Minister-Date → V-Dem Country-Date → V-Dem Country-Date-Coder**

##### **H-DATA Minister-Date Unit to V-Dem Country-Date Unit translation**

H-DATA Minister-Date is translated to V-Dem Country-Date by matching foreign minister and date combinations to country-date combinations. We create one row per day a foreign minister was in office and match them to V-Dem Country-Dates. Rows that do not match V-Dem Country-Dates are dropped again. In the case of overlaps, the incoming foreign minister is given preference over the outgoing foreign minister.

##### **V-Dem Country-Date Unit to V-Dem Country-Date-Coder Unit translation**

Country-Dates are matched to Country-Dates. Country-Date combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit.

#### **5.21.16 V-Dem Country-Year Unit**

**Translation Path: H-DATA Minister-Date → H-DATA Country-Year → V-Dem Country-Year**

##### **H-DATA Minister-Date Unit to H-DATA Country-Year Unit translation**

H-DATA Minister-Date is aggregated to Country-Date using the in-date, i.e. the date a minister entered office. In cases of overlap, the foreign minister with a longer tenure is selected. Country-Date is aggregated to a Country-Year level by only keeping one observation per year for the minister who was in office for the highest number of days during that year. Country-Years are finally matched to Country-Years.

##### **H-DATA Country-Year Unit to V-Dem Country-Year Unit translation**

H-DATA Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected H-DATA variables may only contain observations for a subset of countries and years included in their primary Output Unit. H-DATA identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

#### **5.21.17 QoG Agency-Fiscal Year Unit**

**Translation Path: H-DATA Minister-Date → H-DATA Country-Year → QoG Country-Year → QoG Agency-Fiscal Year**

##### **H-DATA Minister-Date Unit to H-DATA Country-Year Unit translation**

H-DATA Minister-Date is aggregated to Country-Date using the in-date, i.e. the date a minister entered office. In cases of overlap, the foreign minister with a longer tenure is selected. Country-Date is aggregated to a Country-Year level by only keeping one observation per year for the minister who was in office for the highest number of days during that year. Country-Years are finally matched to Country-Years.

##### **H-DATA Country-Year Unit to QoG Country-Year Unit translation**

H-DATA Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected H-DATA variables may only contain observations for a subset of countries and years included in their primary Output Unit. H-DATA identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

#### **QoG Country-Year Unit to QoG Agency-Fiscal Year Unit translation**

Country-Year data for Sweden is matched to Agency-Year data based on the agency year.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit

#### **5.21.18 QoG Country Unit**

**Translation Path: H-DATA Minister-Date → H-DATA Country-Year → QoG Country-Year → QoG Country**

##### **H-DATA Minister-Date Unit to H-DATA Country-Year Unit translation**

H-DATA Minister-Date is aggregated to Country-Date using the in-date, i.e. the date a minister entered office. In cases of overlap, the foreign minister with a longer tenure is selected. Country-Date is aggregated to a Country-Year level by only keeping one observation per year for the minister who was in office for the highest number of days during that year. Country-Years are finally matched to Country-Years.

##### **H-DATA Country-Year Unit to QoG Country-Year Unit translation**

H-DATA Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected H-DATA variables may only contain observations for a subset of countries and years included in their primary Output Unit. H-DATA identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

##### **QoG Country-Year Unit to QoG Country Unit translation**

QoG Country-Year is translated to QoG Country by matching the most recent Country-Year observation to Country observations.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in the primary Output Unit.

#### **5.21.19 QoG NUTS Region-Year Unit**

**Translation Path: H-DATA Minister-Date → H-DATA Country-Year → QoG Country-Year → QoG NUTS Region-Year**

##### **H-DATA Minister-Date Unit to H-DATA Country-Year Unit translation**

H-DATA Minister-Date is aggregated to Country-Date using the in-date, i.e. the date a minister entered office. In cases of overlap, the foreign minister with a longer tenure is selected. Country-Date is aggregated to a Country-Year level by only keeping one observation per year for the minister who was in office for the highest number of days during that year. Country-Years are finally matched to Country-Years.

##### **H-DATA Country-Year Unit to QoG Country-Year Unit translation**

H-DATA Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected H-DATA variables may only contain observations for a subset of countries and years included in their primary Output Unit. H-DATA identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

### **QoG Country-Year Unit to QoG NUTS Region-Year Unit translation**

Country-Year is translated to Region-Year by matching country observations to regional observations collected for the NUTS0 level (and thus equal to the country level) and year identifiers to year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit.

### **5.21.20 V-Dem Party-Country-Year Unit**

**Translation Path: H-DATA Minister-Date → H-DATA Country-Year → V-Dem Country-Year → V-Dem Party-Country-Year**

#### **H-DATA Minister-Date Unit to H-DATA Country-Year Unit translation**

H-DATA Minister-Date is aggregated to Country-Date using the in-date, i.e. the date a minister entered office. In cases of overlap, the foreign minister with a longer tenure is selected. Country-Date is aggregated to a Country-Year level by only keeping one observation per year for the minister who was in office for the highest number of days during that year. Country-Years are finally matched to Country-Years.

#### **H-DATA Country-Year Unit to V-Dem Country-Year Unit translation**

H-DATA Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected H-DATA variables may only contain observations for a subset of countries and years included in their primary Output Unit. H-DATA identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

#### **V-Dem Country-Year Unit to V-Dem Party-Country-Year Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

### **5.21.21 V-Dem Party-Date-Coder Unit**

**Translation Path: H-DATA Minister-Date → H-DATA Country-Year → V-Dem Country-Year → V-Dem Party-Country-Year → V-Dem Party-Date-Coder**

#### **H-DATA Minister-Date Unit to H-DATA Country-Year Unit translation**

H-DATA Minister-Date is aggregated to Country-Date using the in-date, i.e. the date a minister entered office. In cases of overlap, the foreign minister with a longer tenure is selected. Country-Date is aggregated to a Country-Year level by only keeping one observation per year for the minister who was in office for the highest number of days during that year. Country-Years are finally matched to Country-Years.

#### **H-DATA Country-Year Unit to V-Dem Country-Year Unit translation**

H-DATA Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected H-DATA variables may only contain observations for a subset of countries and years included in their primary Output Unit. H-DATA identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

#### **V-Dem Country-Year Unit to V-Dem Party-Country-Year Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

**V-Dem Party-Country-Year Unit to V-Dem Party-Date-Coder Unit translation**

Year is extracted from date. Country-, year- and party identifiers are matched to corresponding country-year-party combinations. Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit.



## 5.22 H-DATA Information Capacity Dataset

**Dataset tag:** hdata\_infocap

**Output Unit:** H-DATA Country-Year, i.e., data is collected per country and year.

**Description:** Thomas Brambor, Agustín Goenaga, Johannes Lindvall and Jan Teorell created The Information Capacity Dataset for their article "The Lay of the Land: Information Capacity and the Modern State". The Information Capacity Dataset offers numerical data on five institutions and policies that modern states use to collect information about their populations and territories: (1) the regular implementation of a reliable census, (2) the regular release of statistical yearbooks, the operation of (3) civil and (4) population registers, and (5) the establishment of a government agency tasked with processing statistical information. The dataset also includes an overall index of "information capacity" for 85 polities from 1750 to 2015.

**Dataset citation:** When using this data, please cite the following paper:

Brambor, Thomas, Agustín Goenaga, Johannes Lindvall and Jan Teorell. 2019. "The Lay of the Land: Information Capacity and the State." Forthcoming in *Comparative Political Studies*.

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More detailed information on the dataset can be found at the following web page: <https://www.su.se/english/research/research-projects/h-data/datasets-1.610144>

**Unit Notes:** The unit for this dataset is country and year. That means each row in the dataset can be identified by one country in combination with a year, using the columns cname and year. Alternatively, each row in the dataset can be identified by a combination of ccodecow and year.

### 5.22.1 H-DATA Country-Year Unit

**Translation Path: H-DATA Country-Year (Primary Output Unit)**

H-DATA Country-Year is the primary unit.

### 5.22.2 Complab Country-Year Unit

**Translation Path: H-DATA Country-Year → Complab Country-Year**

**H-DATA Country-Year Unit to Complab Country-Year Unit translation**

H-DATA Country-Year is translated to COMPLAB Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected H-DATA variables may only contain observations for a subset of countries and years included in their primary Output Unit. H-DATA identifier combinations that cannot be matched to COMPLAB identifier combinations are dropped, as data-quality for COMPLAB variables is prioritized in translations to this unit.

### 5.22.3 Complab Country-Year-Policy Unit

**Translation Path: H-DATA Country-Year → Complab Country-Year-Policy**

**H-DATA Country-Year Unit to Complab Country-Year-Policy Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

#### **5.22.4 Demscore Country-Year Unit**

**Translation Path: H-DATA Country-Year → Demscore Country-Year**

##### **H-DATA Country-Year Unit to Demscore Country-Year Unit translation**

H-DATA Country-Year is translated to Country-Year by matching country and year identifiers from both Output Units.

H-DATA identifier combinations that cannot be matched to DEMSCORE identifier combinations are dropped.

#### **5.22.5 H-DATA Dyad-Year Unit**

**Translation Path: H-DATA Country-Year → H-DATA Dyad-Year**

##### **H-DATA Country-Year Unit to H-DATA Dyad-Year Unit translation**

Country-Years are matched to Country-Years using the country identifier for country 1 in the dyad.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

#### **5.22.6 H-DATA Minister-Date Unit**

**Translation Path: H-DATA Country-Year → H-DATA Minister-Date**

##### **H-DATA Country-Year Unit to H-DATA Minister-Date Unit translation**

Country-Year observations are matched to Country-Year observations based on the final year a minister in a country was in office.

Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

#### **5.22.7 QoG Country-Year Unit**

**Translation Path: H-DATA Country-Year → QoG Country-Year**

##### **H-DATA Country-Year Unit to QoG Country-Year Unit translation**

H-DATA Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected H-DATA variables may only contain observations for a subset of countries and years included in their primary Output Unit. H-DATA identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

#### **5.22.8 REPDEM Cabinet-Party Unit**

**Translation Path: H-DATA Country-Year → REPDEM Cabinet-Party**

##### **H-DATA Country-Year Unit to REPDEM Cabinet-Party Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

#### **5.22.9 REPDEM Country-Year Unit**

**Translation Path: H-DATA Country-Year → REPDEM Country-Year**

##### **H-DATA Country-Year Unit to REPDEM Country-Year Unit translation**

H-DATA Country-Year is translated to REPDEM Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected H-DATA variables may only contain observations for a subset of countries and years included in their primary Output Unit. H-DATA identifier combinations that cannot be matched to REPDEM identifier combinations are dropped, as data-quality for REPDEM variables is prioritized in translations to this unit.

#### **5.22.10 Repdem Cabinet-Date Unit**

**Translation Path: H-DATA Country-Year → Repdem Cabinet-Date**

##### **H-DATA Country-Year Unit to Repdem Cabinet-Date Unit translation**

H-DATA Country-Year observations are matched to the final year a cabinet was in office.

Please note that your selected H-DATA variables may only contain observations for a subset of countries and years included in their primary Output Unit. H-DATA identifier combinations that cannot be matched to REPDEM identifier combinations are dropped, as data-quality for REPDEM variables is prioritized in translations to this unit.

#### **5.22.11 UCDP Country-Year Unit**

**Translation Path: H-DATA Country-Year → UCDP Country-Year**

##### **H-DATA Country-Year Unit to UCDP Country-Year Unit translation**

H-DATA Country-Year is translated to UCDP Country-Year by matching country and year identifiers from both Output Units.

As H-DATA country definitions are based on the country definitions of the *Historical Varieties of Democracy* project, H-DATA France, Netherlands, Portugal, Spain, United Kingdom and United States of America do not include overseas territories. UCDP uses Gleditsch and Ward country identifiers and definitions.

Please note that your selected H-DATA variables may only contain observations for a subset of countries and years included in their primary Output Unit. H-DATA identifier combinations that cannot be matched to UCDP identifier combinations are dropped, as data-quality for UCDP variables is prioritized in translations to this unit.

##### **Additional information:**

We match countries based on the Gleditsch and Ward country identifiers in UCDP and the Correlates of War country identifiers in H-DATA. For the two cases the country identifiers differ (Germany and Yemen), we match them together nonetheless by adjusting the CoW identifier in H-DATA to the GW identifier from UCDP.

#### **5.22.12 UCDP Event ID Unit**

**Translation Path: H-DATA Country-Year → UCDP Event ID**

##### **H-DATA Country-Year Unit to UCDP Event ID Unit translation**

H-DATA Country-Year is translated to UCDP Events by matching country and year identifiers from both Output Units. Country and year combinations from the starting Output unit are duplicated across all events that occurred with that country-year combination.

Please note that your selected H-DATA variables may only contain observations for a subset of countries and years included in their primary Output Unit. H-DATA identifier combinations that cannot be matched to UCDP identifier combinations are dropped

##### **Additional information:**

Please be aware that for this translation, we match H-DATA Country identifiers to the location variable in the UCDP GED Dataset.

### 5.22.13 UCDP Organized Violence Country-Year Unit

**Translation Path: H-DATA Country-Year → UCDP Organized Violence Country-Year**

#### **H-DATA Country-Year Unit to UCDP Organized Violence Country-Year Unit translation**

H-DATA Country-Year is translated to UCDP OV Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected H-DATA variables may only contain observations for a subset of countries and years included in their primary Output Unit. H-DATA identifier combinations that cannot be matched to UCDP identifier combinations are dropped, as data-quality for UCDP variables is prioritized in translations to this unit.

#### **Additional information:**

We match countries based on the Gleditsch and Ward country identifiers in UCDP and the Correlates of War country identifiers in H-DATA. For the two cases the country identifiers differ (Germany and Yemen), we match them together nonetheless by adjusting the CoW identifier in H-DATA to the GW identifier from UCDP.

### 5.22.14 V-Dem Country-Year Unit

**Translation Path: H-DATA Country-Year → V-Dem Country-Year**

#### **H-DATA Country-Year Unit to V-Dem Country-Year Unit translation**

H-DATA Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected H-DATA variables may only contain observations for a subset of countries and years included in their primary Output Unit. H-DATA identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

### 5.22.15 Complab Country-Year-Track Unit

**Translation Path: H-DATA Country-Year → Complab Country-Year → Complab Country-Year-Track**

#### **H-DATA Country-Year Unit to Complab Country-Year Unit translation**

H-DATA Country-Year is translated to COMPLAB Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected H-DATA variables may only contain observations for a subset of countries and years included in their primary Output Unit. H-DATA identifier combinations that cannot be matched to COMPLAB identifier combinations are dropped, as data-quality for COMPLAB variables is prioritized in translations to this unit.

#### **Complab Country-Year Unit to Complab Country-Year-Track Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

### 5.22.16 QoG Agency-Fiscal Year Unit

**Translation Path: H-DATA Country-Year → QoG Country-Year → QoG Agency-Fiscal Year**

#### **H-DATA Country-Year Unit to QoG Country-Year Unit translation**

H-DATA Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected H-DATA variables may only contain observations for a subset of countries and years included in their primary Output Unit. H-DATA identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

#### **QoG Country-Year Unit to QoG Agency-Fiscal Year Unit translation**

Country-Year data for Sweden is matched to Agency-Year data based on the agency year.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit

#### **5.22.17 QoG Country Unit**

**Translation Path: H-DATA Country-Year → QoG Country-Year → QoG Country**

#### **H-DATA Country-Year Unit to QoG Country-Year Unit translation**

H-DATA Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected H-DATA variables may only contain observations for a subset of countries and years included in their primary Output Unit. H-DATA identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

#### **QoG Country-Year Unit to QoG Country Unit translation**

QoG Country-Year is translated to QoG Country by matching the most recent Country-Year observation to Country observations.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in the primary Output Unit.

#### **5.22.18 QoG NUTS Region-Year Unit**

**Translation Path: H-DATA Country-Year → QoG Country-Year → QoG NUTS Region-Year**

#### **H-DATA Country-Year Unit to QoG Country-Year Unit translation**

H-DATA Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected H-DATA variables may only contain observations for a subset of countries and years included in their primary Output Unit. H-DATA identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

#### **QoG Country-Year Unit to QoG NUTS Region-Year Unit translation**

Country-Year is translated to Region-Year by matching country observations to regional observations collected for the NUTS0 level (and thus equal to the country level) and year identifiers to year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit.

#### **5.22.19 V-Dem Country-Date Unit**

**Translation Path: H-DATA Country-Year → V-Dem Country-Year → V-Dem Country-Date**

#### **H-DATA Country-Year Unit to V-Dem Country-Year Unit translation**

H-DATA Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected H-DATA variables may only contain observations for a subset of countries and years included in their primary Output Unit. H-DATA identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

#### **V-Dem Country-Year Unit to V-Dem Country-Date Unit translation**

Countries are matched to countries and Year is extracted from Dates. Country-Year observations are then matched and duplicated across Country-Years.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

#### **5.22.20 V-Dem Party-Country-Year Unit**

**Translation Path: H-DATA Country-Year → V-Dem Country-Year → V-Dem Party-Country-Year**

#### **H-DATA Country-Year Unit to V-Dem Country-Year Unit translation**

H-DATA Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected H-DATA variables may only contain observations for a subset of countries and years included in their primary Output Unit. H-DATA identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

#### **V-Dem Country-Year Unit to V-Dem Party-Country-Year Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

#### **5.22.21 V-Dem Country-Date-Coder Unit**

**Translation Path: H-DATA Country-Year → V-Dem Country-Year → V-Dem Country-Date → V-Dem Country-Date-Coder**

#### **H-DATA Country-Year Unit to V-Dem Country-Year Unit translation**

H-DATA Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected H-DATA variables may only contain observations for a subset of countries and years included in their primary Output Unit. H-DATA identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

#### **V-Dem Country-Year Unit to V-Dem Country-Date Unit translation**

Countries are matched to countries and Year is extracted from Dates. Country-Year observations are then matched and duplicated across Country-Years.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

#### **V-Dem Country-Date Unit to V-Dem Country-Date-Coder Unit translation**

Country-Dates are matched to Country-Dates. Country-Date combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit.

### **5.22.22 V-Dem Party-Date-Coder Unit**

**Translation Path: H-DATA Country-Year → V-Dem Country-Year → V-Dem Party-Country-Year → V-Dem Party-Date-Coder**

#### **H-DATA Country-Year Unit to V-Dem Country-Year Unit translation**

H-DATA Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected H-DATA variables may only contain observations for a subset of countries and years included in their primary Output Unit. H-DATA identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

#### **V-Dem Country-Year Unit to V-Dem Party-Country-Year Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

#### **V-Dem Party-Country-Year Unit to V-Dem Party-Date-Coder Unit translation**

Year is extracted from date. Country-, year- and party identifiers are matched to corresponding country-year-party combinations. Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit.

## 5.23 QoG Environmental Indicators Dataset

*Dataset tag:* qog\_ei

*Output Unit:* QoG Country-Year, i.e., data is collected per country and year.

*Description:* The Quality of Government Environmental Indicators Dataset (QoG-EI) is a compilation of major freely available indicators measuring environmental performance of countries over time.

*Dataset citation:* Povitkina, Marina, Natalia Alvarado Pachon Cem Mert Dalli. 2021. The Quality of Government Environmental Indicators Dataset, version Sep21. University of Gothenburg: The Quality of Government Institute, <https://www.gu.se/en/quality-government>

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We do not allow other uses of these data including but not limited to redistribution, commercialization and other for-profit usage. If a user is interested in such use or has doubts about the license, they will have to refer to the original source and check with them if this is allowed and what requirements they need to fulfill.

Be mindful that the original data sources are the only owners of their data and they can adjust their license without previous warning.

More detailed information on the dataset can be found at the following web page: <https://www.gu.se/en/quality-government/qog-data/data-downloads/environmental-indicators-dataset>

**Unit Notes:** The unit for this dataset is a country and year. That means there is one row for each combination of country and year in the dataset. This unit is identified using the cname column and the year column.

### 5.23.1 QoG Country-Year Unit

**Translation Path: QoG Country-Year (Primary Output Unit)**

QoG Country-Year is the primary unit.

### 5.23.2 Complab Country-Year Unit

**Translation Path: QoG Country-Year → Complab Country-Year**

**QoG Country-Year Unit to Complab Country-Year Unit translation**

QoG Country-Year is translated to COMPLAB Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to COMPLAB identifier combinations are dropped, as data-quality for COMPLAB variables is prioritized in translations to this unit.

### 5.23.3 Complab Country-Year-Policy Unit

**Translation Path: QoG Country-Year → Complab Country-Year-Policy**

**QoG Country-Year Unit to Complab Country-Year-Policy Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.



#### **5.23.4 Demscore Country-Year Unit**

**Translation Path: QoG Country-Year → Demscore Country-Year**

##### **QoG Country-Year Unit to Demscore Country-Year Unit translation**

QoG Country-Year observations are matched to DEMSCORE Country-Year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to DEMSCORE identifier combinations are dropped.

#### **5.23.5 H-DATA Country-Year Unit**

**Translation Path: QoG Country-Year → H-DATA Country-Year**

##### **QoG Country-Year Unit to H-DATA Country-Year Unit translation**

QoG Country-Year is translated to H-DATA Country-Year by matching country and year identifiers from both Output Units.

As the QoG datasets are compiled from different sources, the exact country definitions are not always given and thus may differ from H-DATA country definitions.

H-DATA refers to historical Serbia, Yugoslavia, and modern-day Serbia as 'Serbia/Yugoslavia' while QoG includes Yugoslavia (until 1991), Serbia and Montenegro (1992- 2005) and Serbia (2006 onwards) separately.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to H-DATA identifier combinations are dropped, as data-quality for H-DATA variables is prioritized in translations to this unit.

#### **5.23.6 QoG Agency-Agency Instruction Unit**

**Translation Path: QoG Country-Year → QoG Agency-Agency Instruction**

##### **QoG Country-Year Unit to QoG Agency-Agency Instruction Unit translation**

Country-Year observations are matched to Country-Year observations.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit

#### **5.23.7 QoG Agency-Fiscal Year Unit**

**Translation Path: QoG Country-Year → QoG Agency-Fiscal Year**

##### **QoG Country-Year Unit to QoG Agency-Fiscal Year Unit translation**

Country-Year data for Sweden is matched to Agency-Year data based on the agency year.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit

#### **5.23.8 QoG Country Unit**

**Translation Path: QoG Country-Year → QoG Country**

##### **QoG Country-Year Unit to QoG Country Unit translation**

QoG Country-Year is translated to QoG Country by matching the most recent Country-Year observation to

Country observations.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in the primary Output Unit.

#### **5.23.9 QoG EQI Perceptions Respondent ID 2017 Unit**

**Translation Path: QoG Country-Year → QoG EQI Perceptions Respondent ID 2017**

**QoG Country-Year Unit to QoG EQI Perceptions Respondent ID 2017 Unit translation**

Country-Year observations are matched to Country-Year observations.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit.

#### **5.23.10 QoG EQI Respondent ID 2010-2013 Unit**

**Translation Path: QoG Country-Year → QoG EQI Respondent ID 2010-2013**

**QoG Country-Year Unit to QoG EQI Respondent ID 2010-2013 Unit translation**

Country-Year observations are matched to Country-Year observations.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit

#### **5.23.11 QoG EQI Respondent ID 2017 Unit**

**Translation Path: QoG Country-Year → QoG EQI Respondent ID 2017**

**QoG Country-Year Unit to QoG EQI Respondent ID 2017 Unit translation**

QoG Country-Year observations are matched to Country-Year combinations in the Respondnet ID unit.

Identifier combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit.

#### **5.23.12 QoG EQI Respondent ID 2021 Unit**

**Translation Path: QoG Country-Year → QoG EQI Respondent ID 2021**

**QoG Country-Year Unit to QoG EQI Respondent ID 2021 Unit translation**

Country-Year observations are matched to Country-Year observations.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that the dataset may only contain a subset of countries and years included in its primary Output Unit.

#### **5.23.13 QoG Municipality-Year Unit**

**Translation Path: QoG Country-Year → QoG Municipality-Year**

**QoG Country-Year Unit to QoG Municipality-Year Unit translation**

QoG Country-Year data for Sweden is matched to Municipality-Year data based on year.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit

#### **5.23.14 QoG NUTS Region-Year Unit**

**Translation Path: QoG Country-Year → QoG NUTS Region-Year**

##### **QoG Country-Year Unit to QoG NUTS Region-Year Unit translation**

Country-Year is translated to Region-Year by matching country observations to regional observations collected for the NUTS0 level (and thus equal to the country level) and year identifiers to year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit.

#### **5.23.15 QoG NUTS2 Region Unit**

**Translation Path: QoG Country-Year → QoG NUTS2 Region**

##### **QoG Country-Year Unit to QoG NUTS2 Region Unit translation**

Country-Year observations are translated to Region by matching observations from the latest Country-Year to observations collected on the NUTS0 regional level, which is the country level.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit

#### **5.23.16 REPDEM Cabinet-Party Unit**

**Translation Path: QoG Country-Year → REPDEM Cabinet-Party**

##### **QoG Country-Year Unit to REPDEM Cabinet-Party Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

#### **5.23.17 REPDEM Country-Year Unit**

**Translation Path: QoG Country-Year → REPDEM Country-Year**

##### **QoG Country-Year Unit to REPDEM Country-Year Unit translation**

QoG Country-Year observations are matched to REPDEM Country-Year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to REPDEM identifier combinations are dropped, as data-quality for REPDEM variables is prioritized in translations to this unit.

#### **5.23.18 Repdem Cabinet-Date Unit**

**Translation Path: QoG Country-Year → Repdem Cabinet-Date**

##### **QoG Country-Year Unit to Repdem Cabinet-Date Unit translation**

QoG Country-Year observations are matched to REPDEM identifiers for the final year a cabinet was in office.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to REPDEM identifier combinations are dropped, as data-quality for REPDEM variables is prioritized in this translations to this unit.

### **5.23.19 UCDP Country-Year Unit**

**Translation Path: QoG Country-Year → UCDP Country-Year**

#### **QoG Country-Year Unit to UCDP Country-Year Unit translation**

QoG Country-Year observations are matched to UCDP Country-Year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to UCDP identifier combinations are dropped, as data-quality for UCDP variables is prioritized in translations to this unit.

#### **Additional information:**

QoG bases their country identifiers on ISO-3166-1 standard, while UCDP uses Gleditsch and Ward. We match countries based on the numeric Gleditsch and Ward country identifiers in UCDP and the numeric Correlates of War country identifiers in QoG. For the two cases the country identifiers differ (Germany and Yemen), we match them together nonetheless by adjusting the CoW identifier in QoG to the GW identifier from UCDP.

### **5.23.20 UCDP Event ID Unit**

**Translation Path: QoG Country-Year → UCDP Event ID**

#### **QoG Country-Year Unit to UCDP Event ID Unit translation**

QoG Country-Year is translated to UCDP Event IDs by matching country and year identifiers from both Output Units. QoG Country-Year combinations are duplicated across all events that occurred within a UCDP Country-Year combination in the Event ID unit, and combinations from QoG that do not exist in UCDP are dropped.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit.

#### **Additional information:**

QoG bases their country identifiers on ISO-3166-1 standard, while UCDP uses Gleditsch and Ward. Please be aware that for this translation, we match QoG Country identifiers to the location variable in the UCDP GED Dataset.

### **5.23.21 UCDP Organized Violence Country-Year Unit**

**Translation Path: QoG Country-Year → UCDP Organized Violence Country-Year**

#### **QoG Country-Year Unit to UCDP Organized Violence Country-Year Unit translation**

QoG Country-Year observations are matched to UCDP Country-Year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to UCDP identifier combinations are dropped, as data-quality for UCDP variables is prioritized in translations to this unit.

#### **Additional information:**

QoG bases their country identifiers on ISO-3166-1 standard, while UCDP uses Gleditsch and Ward. We match countries based on the numeric Gleditsch and Ward country identifiers in UCDP and the numeric Correlates of War country identifiers in QoG. For the two cases the country identifiers differ (Germany and Yemen), we match them together nonetheless by adjusting the CoW identifier in QoG to the GW identifier from UCDP.

### **5.23.22 V-Dem Country-Year Unit**

**Translation Path: QoG Country-Year → V-Dem Country-Year**

#### **QoG Country-Year Unit to V-Dem Country-Year Unit translation**

QoG Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

### **5.23.23 Complab Country-Year-Track Unit**

**Translation Path: QoG Country-Year → Complab Country-Year → Complab Country-Year-Track**

#### **QoG Country-Year Unit to Complab Country-Year Unit translation**

QoG Country-Year is translated to COMPLAB Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to COMPLAB identifier combinations are dropped, as data-quality for COMPLAB variables is prioritized in translations to this unit.

#### **Complab Country-Year Unit to Complab Country-Year-Track Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

### **5.23.24 H-DATA Dyad-Year Unit**

**Translation Path: QoG Country-Year → H-DATA Country-Year → H-DATA Dyad-Year**

#### **QoG Country-Year Unit to H-DATA Country-Year Unit translation**

QoG Country-Year is translated to H-DATA Country-Year by matching country and year identifiers from both Output Units.

As the QoG datasets are compiled from different sources, the exact country definitions are not always given and thus may differ from H-DATA country definitions.

H-DATA refers to historical Serbia, Yugoslavia, and modern-day Serbia as 'Serbia/Yugoslavia' while QoG includes Yugoslavia (until 1991), Serbia and Montenegro (1992- 2005) and Serbia (2006 onwards) separately.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to H-DATA identifier combinations are dropped, as data-quality for H-DATA variables is prioritized in translations to this unit.

#### **H-DATA Country-Year Unit to H-DATA Dyad-Year Unit translation**

Country-Years are matched to Country-Years using the country identifier for country 1 in the dyad.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

### **5.23.25 H-DATA Minister-Date Unit**

**Translation Path: QoG Country-Year → H-DATA Country-Year → H-DATA Minister-Date**

#### **QoG Country-Year Unit to H-DATA Country-Year Unit translation**

QoG Country-Year is translated to H-DATA Country-Year by matching country and year identifiers from both Output Units.

As the QoG datasets are compiled from different sources, the exact country definitions are not always given and thus may differ from H-DATA country definitions.

H-DATA refers to historical Serbia, Yugoslavia, and modern-day Serbia as 'Serbia/Yugoslavia' while QoG includes Yugoslavia (until 1991), Serbia and Montenegro (1992- 2005) and Serbia (2006 onwards) separately.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to H-DATA identifier combinations are dropped, as data-quality for H-DATA variables is prioritized in translations to this unit.

#### **H-DATA Country-Year Unit to H-DATA Minister-Date Unit translation**

Country-Year observations are matched to Country-Year observations based on the final year a minister in a country was in office.

Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

### **5.23.26 V-Dem Country-Date Unit**

**Translation Path: QoG Country-Year → V-Dem Country-Year → V-Dem Country-Date**

#### **QoG Country-Year Unit to V-Dem Country-Year Unit translation**

QoG Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

#### **V-Dem Country-Year Unit to V-Dem Country-Date Unit translation**

Countries are matched to countries and Year is extracted from Dates. Country-Year observations are then matched and duplicated across Country-Years.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

### **5.23.27 V-Dem Party-Country-Year Unit**

**Translation Path: QoG Country-Year → V-Dem Country-Year → V-Dem Party-Country-Year**

#### **QoG Country-Year Unit to V-Dem Country-Year Unit translation**

QoG Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

#### **V-Dem Country-Year Unit to V-Dem Party-Country-Year Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting

Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

### **5.23.28 V-Dem Country-Date-Coder Unit**

**Translation Path: QoG Country-Year → V-Dem Country-Year → V-Dem Country-Date → V-Dem Country-Date-Coder**

#### **QoG Country-Year Unit to V-Dem Country-Year Unit translation**

QoG Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

#### **V-Dem Country-Year Unit to V-Dem Country-Date Unit translation**

Countries are matched to countries and Year is extracted from Dates. Country-Year observations are then matched and duplicated across Country-Years.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

#### **V-Dem Country-Date Unit to V-Dem Country-Date-Coder Unit translation**

Country-Dates are matched to Country-Dates. Country-Date combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit.

### **5.23.29 V-Dem Party-Date-Coder Unit**

**Translation Path: QoG Country-Year → V-Dem Country-Year → V-Dem Party-Country-Year → V-Dem Party-Date-Coder**

#### **QoG Country-Year Unit to V-Dem Country-Year Unit translation**

QoG Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

#### **V-Dem Country-Year Unit to V-Dem Party-Country-Year Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

#### **V-Dem Party-Country-Year Unit to V-Dem Party-Date-Coder Unit translation**

Year is extracted from date. Country-, year- and party identifiers are matched to corresponding country-year-party combinations. Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit.

## 5.24 QoG EQI Regional Level 2021 (with all NUTS2 regions)

**Dataset tag:** qog\_eqi\_agg21

**Output Unit:** QoG NUTS2 Region, i.e., data is collected per NUTS2 region.

**Description:** This index focuses on both perceptions and experiences with public sector corruption, along with the extent to which citizens believe various public sector services are impartially allocated and of good quality in the EU.

**Dataset citation:** Charron, Nicholas, Victor Lapuente, and Monika Bauhr. 2021. Sub-national Quality of Government in EU Member States: Presenting the 2021 European Quality of Government Index and its relationship with Covid-19 indicators. University of Gothenburg: The QoG Working Paper Series 2021:4.

**License:** The QoG datasets are open and available, free of charge and without a need to register your data. You can use them for your analysis, graphs, teaching, and other academic-related and non-commercial purposes. We ask our users to cite always the original source(s) of the data and our datasets.

We do not allow other uses of these data including but not limited to redistribution, commercialization and other for-profit usage. If a user is interested in such use or has doubts about the license, they will have to refer to the original source and check with them if this is allowed and what requirements they need to fulfill.

Be mindful that the original data sources are the only owners of their data and they can adjust their license without previous warning.

More detailed information on the dataset can be found at the following web page: <https://www.gu.se/en/quality-government/qog-data/data-downloads/european-quality-of-government-index>

**Unit Notes:** The unit for this dataset is a NUTS2 region. That means there is one row for each region in the dataset. The unit is expressed through the column `region_code` but can also be expressed through the column name.

### 5.24.1 QoG NUTS2 Region Unit

**Translation Path:** QoG NUTS2 Region (Primary Output Unit)

QoG NUTS2 Region is the primary unit.

**Additional information:**

The spelling of NUTS0 region names is adjusted to match the region names to country names: instead of capital letters only now in normal writing language (first letter upper case, the rest lower case).

### 5.24.2 QoG NUTS Region-Year Unit

**Translation Path:** QoG NUTS2 Region → QoG NUTS Region-Year

**QoG NUTS2 Region Unit to QoG NUTS Region-Year Unit translation**

Region is translated to Region-Year by matching Region observations to the most recent Region-Year observations.

Please note that the dataset may only contain a subset of regions included in its primary Output Unit.

### 5.24.3 QoG Country-Year Unit

**Translation Path:** QoG NUTS2 Region → QoG NUTS Region-Year → QoG Country-Year

**QoG NUTS2 Region Unit to QoG NUTS Region-Year Unit translation**

Region is translated to Region-Year by matching Region observations to the most recent Region-Year observations.

Please note that the dataset may only contain a subset of regions included in its primary Output Unit.



#### **QoG NUTS Region-Year Unit to QoG Country-Year Unit translation**

Region-Year is translated to Country-Year by matching regional observations collected for the NUTS0 level (and thus equal to the country level) to country identifiers and year identifiers to year identifiers.

Please note that the dataset may only contain a subset of regions and years included in its primary Output Unit.

#### **5.24.4 QoG EQI Perceptions Respondent ID 2017 Unit**

**Translation Path: QoG NUTS2 Region → QoG NUTS Region-Year → QoG EQI Perceptions Respondent ID 2017**

##### **QoG NUTS2 Region Unit to QoG NUTS Region-Year Unit translation**

Region is translated to Region-Year by matching Region observations to the most recent Region-Year observations.

Please note that the dataset may only contain a subset of regions included in its primary Output Unit.

##### **QoG NUTS Region-Year Unit to QoG EQI Perceptions Respondent ID 2017 Unit translation**

Region-Year observations are matched to Region-Year observations on the country level.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that the dataset may only contain a subset of countries and years included in its primary Output Unit.

#### **5.24.5 QoG EQI Respondent ID 2010-2013 Unit**

**Translation Path: QoG NUTS2 Region → QoG NUTS Region-Year → QoG EQI Respondent ID 2010-2013**

##### **QoG NUTS2 Region Unit to QoG NUTS Region-Year Unit translation**

Region is translated to Region-Year by matching Region observations to the most recent Region-Year observations.

Please note that the dataset may only contain a subset of regions included in its primary Output Unit.

##### **QoG NUTS Region-Year Unit to QoG EQI Respondent ID 2010-2013 Unit translation**

Region-Year observations are matched to Region-Year observations on the country level.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that the dataset may only contain a subset of countries and years included in its primary Output Unit.

#### **5.24.6 QoG EQI Respondent ID 2017 Unit**

**Translation Path: QoG NUTS2 Region → QoG NUTS Region-Year → QoG EQI Respondent ID 2017**

##### **QoG NUTS2 Region Unit to QoG NUTS Region-Year Unit translation**

Region is translated to Region-Year by matching Region observations to the most recent Region-Year observations.

Please note that the dataset may only contain a subset of regions included in its primary Output Unit.

##### **QoG NUTS Region-Year Unit to QoG EQI Respondent ID 2017 Unit translation**

Region-Year observations are matched to Region-Year observations on the country level.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that the dataset may only contain a subset of countries and years included in its primary Output Unit.

#### **5.24.7 QoG EQI Respondent ID 2021 Unit**

**Translation Path: QoG NUTS2 Region → QoG NUTS Region-Year → QoG EQI Respondent ID 2021**

##### **QoG NUTS2 Region Unit to QoG NUTS Region-Year Unit translation**

Region is translated to Region-Year by matching Region observations to the most recent Region-Year observations.

Please note that the dataset may only contain a subset of regions included in its primary Output Unit.

##### **QoG NUTS Region-Year Unit to QoG EQI Respondent ID 2021 Unit translation**

Region-Year observations are matched to Region-Year observations on the country level.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that the dataset may only contain a subset of countries and years included in its primary Output Unit.

#### **5.24.8 Demscore Country-Year Unit**

**Translation Path: QoG NUTS2 Region → QoG NUTS Region-Year → QoG Country-Year → Demscore Country-Year**

##### **QoG NUTS2 Region Unit to QoG NUTS Region-Year Unit translation**

Region is translated to Region-Year by matching Region observations to the most recent Region-Year observations.

Please note that the dataset may only contain a subset of regions included in its primary Output Unit.

##### **QoG NUTS Region-Year Unit to QoG Country-Year Unit translation**

Region-Year is translated to Country-Year by matching regional observations collected for the NUTS0 level (and thus equal to the country level) to country identifiers and year identifiers to year identifiers.

Please note that the dataset may only contain a subset of regions and years included in its primary Output Unit.

##### **QoG Country-Year Unit to Demscore Country-Year Unit translation**

QoG Country-Year observations are matched to DEMSCORE Country-Year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to DEMSCORE identifier combinations are dropped.

#### **5.24.9 QoG Agency-Agency Instruction Unit**

**Translation Path: QoG NUTS2 Region → QoG NUTS Region-Year → QoG Country-Year → QoG Agency-Agency Instruction**

##### **QoG NUTS2 Region Unit to QoG NUTS Region-Year Unit translation**

Region is translated to Region-Year by matching Region observations to the most recent Region-Year observations.

Please note that the dataset may only contain a subset of regions included in its primary Output Unit.

#### **QoG NUTS Region-Year Unit to QoG Country-Year Unit translation**

Region-Year is translated to Country-Year by matching regional observations collected for the NUTS0 level (and thus equal to the country level) to country identifiers and year identifiers to year identifiers.

Please note that the dataset may only contain a subset of regions and years included in its primary Output Unit.

#### **QoG Country-Year Unit to QoG Agency-Agency Instruction Unit translation**

Country-Year observations are matched to Country-Year observations.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit

#### **5.24.10 QoG Agency-Fiscal Year Unit**

**Translation Path: QoG NUTS2 Region → QoG NUTS Region-Year → QoG Country-Year → QoG Agency Fiscal-Year**

#### **QoG NUTS2 Region Unit to QoG NUTS Region-Year Unit translation**

Region is translated to Region-Year by matching Region observations to the most recent Region-Year observations.

Please note that the dataset may only contain a subset of regions included in its primary Output Unit.

#### **QoG NUTS Region-Year Unit to QoG Country-Year Unit translation**

Region-Year is translated to Country-Year by matching regional observations collected for the NUTS0 level (and thus equal to the country level) to country identifiers and year identifiers to year identifiers.

Please note that the dataset may only contain a subset of regions and years included in its primary Output Unit.

#### **5.24.11 REPDEM Country-Year Unit**

**Translation Path: QoG NUTS2 Region → QoG NUTS Region-Year → QoG Country-Year → REPDEM Country-Year**

#### **QoG NUTS2 Region Unit to QoG NUTS Region-Year Unit translation**

Region is translated to Region-Year by matching Region observations to the most recent Region-Year observations.

Please note that the dataset may only contain a subset of regions included in its primary Output Unit.

#### **QoG NUTS Region-Year Unit to QoG Country-Year Unit translation**

Region-Year is translated to Country-Year by matching regional observations collected for the NUTS0 level (and thus equal to the country level) to country identifiers and year identifiers to year identifiers.

Please note that the dataset may only contain a subset of regions and years included in its primary Output Unit.

#### **QoG Country-Year Unit to REPDEM Country-Year Unit translation**

QoG Country-Year observations are matched to REPDEM Country-Year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to REPDEM identifier combinations are dropped, as data-quality for REPDEM variables is prioritized in translations to this unit.

#### **5.24.12 UCDP Country-Year Unit**

**Translation Path: QoG NUTS2 Region → QoG NUTS Region-Year → QoG Country-Year → UCDP Country-Year**

##### **QoG NUTS2 Region Unit to QoG NUTS Region-Year Unit translation**

Region is translated to Region-Year by matching Region observations to the most recent Region-Year observations.

Please note that the dataset may only contain a subset of regions included in its primary Output Unit.

##### **QoG NUTS Region-Year Unit to QoG Country-Year Unit translation**

Region-Year is translated to Country-Year by matching regional observations collected for the NUTS0 level (and thus equal to the country level) to country identifiers and year identifiers to year identifiers.

Please note that the dataset may only contain a subset of regions and years included in its primary Output Unit.

##### **QoG Country-Year Unit to UCDP Country-Year Unit translation**

QoG Country-Year observations are matched to UCDP Country-Year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to UCDP identifier combinations are dropped, as data-quality for UCDP variables is prioritized in translations to this unit.

#### **5.24.13 UCDP Organized Violence Country-Year Unit**

**Translation Path: QoG NUTS2 Region → QoG NUTS Region-Year → QoG Country-Year → UCDP Organized Violence Country-Year**

##### **QoG NUTS2 Region Unit to QoG NUTS Region-Year Unit translation**

Region is translated to Region-Year by matching Region observations to the most recent Region-Year observations.

Please note that the dataset may only contain a subset of regions included in its primary Output Unit.

##### **QoG NUTS Region-Year Unit to QoG Country-Year Unit translation**

Region-Year is translated to Country-Year by matching regional observations collected for the NUTS0 level (and thus equal to the country level) to country identifiers and year identifiers to year identifiers.

Please note that the dataset may only contain a subset of regions and years included in its primary Output Unit.

##### **QoG Country-Year Unit to UCDP Organized Violence Country-Year Unit translation**

QoG Country-Year observations are matched to UCDP Country-Year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to UCDP identifier combinations are dropped, as data-quality for UCDP variables is prioritized in translations to this unit.

## 5.25 QoG European Quality of Government Index CATI - Country Level (2021)

**Dataset tag:** qog\_eqi\_cati\_long

**Output Unit:** QoG Country-Year, i.e., data is collected per country and year.

**Description:** This index focuses on both perceptions and experiences with public sector corruption, along with the extent to which citizens believe various public sector services are impartially allocated and of good quality in the EU.

**Dataset citation:** Charron, Nicholas, Victor Lapuente, and Monika Bauhr. 2021. Sub-national Quality of Government in EU Member States: Presenting the 2021 European Quality of Government Index and its relationship with Covid-19 indicators. University of Gothenburg: The QoG Working Paper Series 2021:4.

**License:** The QoG datasets are open and available, free of charge and without a need to register your data. You can use them for your analysis, graphs, teaching, and other academic-related and non-commercial purposes. We ask our users to cite always the original source(s) of the data and our datasets.

We do not allow other uses of these data including but not limited to redistribution, commercialization and other for-profit usage. If a user is interested in such use or has doubts about the license, they will have to refer to the original source and check with them if this is allowed and what requirements they need to fulfill.

Be mindful that the original data sources are the only owners of their data and they can adjust their license without previous warning.

More detailed information on the dataset can be found at the following web page: <https://www.gu.se/en/quality-government/qog-data/data-downloads/european-quality-of-government-index>

**Unit Notes:** The unit for this dataset is a country and year. That means there is one row for each combination of country and year in the dataset. This unit is identified using the cname column and the year column.

### 5.25.1 QoG Country-Year Unit

**Translation Path: QoG Country-Year (Primary Output Unit)**

QoG Country-Year is the primary unit.

**Additional information:**

Datasets within this Output Unit use slightly deviating country names. The country names are adjusted for the Output Unit using the naming standard as used in the QoG Standard Time Series Dataset.

### 5.25.2 Complab Country-Year Unit

**Translation Path: QoG Country-Year → Complab Country-Year**

**QoG Country-Year Unit to Complab Country-Year Unit translation**

QoG Country-Year is translated to COMPLAB Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to COMPLAB identifier combinations are dropped, as data-quality for COMPLAB variables is prioritized in translations to this unit.

### 5.25.3 Complab Country-Year-Policy Unit

**Translation Path: QoG Country-Year → Complab Country-Year-Policy**

**QoG Country-Year Unit to Complab Country-Year-Policy Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting

Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

#### **5.25.4 Demscore Country-Year Unit**

**Translation Path: QoG Country-Year → Demscore Country-Year**

##### **QoG Country-Year Unit to Demscore Country-Year Unit translation**

QoG Country-Year observations are matched to DEMSCORE Country-Year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to DEMSCORE identifier combinations are dropped.

#### **5.25.5 H-DATA Country-Year Unit**

**Translation Path: QoG Country-Year → H-DATA Country-Year**

##### **QoG Country-Year Unit to H-DATA Country-Year Unit translation**

QoG Country-Year is translated to H-DATA Country-Year by matching country and year identifiers from both Output Units.

As the QoG datasets are compiled from different sources, the exact country definitions are not always given and thus may differ from H-DATA country definitions.

H-DATA refers to historical Serbia, Yugoslavia, and modern-day Serbia as 'Serbia/Yugoslavia' while QoG includes Yugoslavia (until 1991), Serbia and Montenegro (1992- 2005) and Serbia (2006 onwards) separately.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to H-DATA identifier combinations are dropped, as data-quality for H-DATA variables is prioritized in translations to this unit.

#### **5.25.6 QoG Agency-Agency Instruction Unit**

**Translation Path: QoG Country-Year → QoG Agency-Agency Instruction**

##### **QoG Country-Year Unit to QoG Agency-Agency Instruction Unit translation**

Country-Year observations are matched to Country-Year observations.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit

#### **5.25.7 QoG Agency-Fiscal Year Unit**

**Translation Path: QoG Country-Year → QoG Agency-Fiscal Year**

##### **QoG Country-Year Unit to QoG Agency-Fiscal Year Unit translation**

Country-Year data for Sweden is matched to Agency-Year data based on the agency year.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit

**Additional information:**

This translation covers Sweden only as the QoG Agency-Fiscal Year Unit includes observations for Swedish agencies only.

#### **5.25.8 QoG Country Unit**

**Translation Path: QoG Country-Year → QoG Country**

##### **QoG Country-Year Unit to QoG Country Unit translation**

QoG Country-Year is translated to QoG Country by matching the most recent Country-Year observation to Country observations.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in the primary Output Unit.

#### **5.25.9 QoG EQI Perceptions Respondent ID 2017 Unit**

**Translation Path: QoG Country-Year → QoG EQI Perceptions Respondent ID 2017**

##### **QoG Country-Year Unit to QoG EQI Perceptions Respondent ID 2017 Unit translation**

Country-Year observations are matched to Country-Year observations.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit.

#### **5.25.10 QoG EQI Respondent ID 2010-2013 Unit**

**Translation Path: QoG Country-Year → QoG EQI Respondent ID 2010-2013**

##### **QoG Country-Year Unit to QoG EQI Respondent ID 2010-2013 Unit translation**

Country-Year observations are matched to Country-Year observations.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit

#### **5.25.11 QoG EQI Respondent ID 2017 Unit**

**Translation Path: QoG Country-Year → QoG EQI Respondent ID 2017**

##### **QoG Country-Year Unit to QoG EQI Respondent ID 2017 Unit translation**

QoG Country-Year observations are matched to Country-Year combinations in the Respondnet ID unit.

Identifier ombinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit.

#### **5.25.12 QoG EQI Respondent ID 2021 Unit**

**Translation Path: QoG Country-Year → QoG EQI Respondent ID 2021**

##### **QoG Country-Year Unit to QoG EQI Respondent ID 2021 Unit translation**

Country-Year observations are matched to Country-Year observations.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than

once in the end Output Unit, and combinations that do not exist are dropped.

Please note that the dataset may only contain a subset of countries and years included in its primary Output Unit.

#### **5.25.13 QoG Municipality-Year Unit**

**Translation Path: QoG Country-Year → QoG Municipality-Year**

**QoG Country-Year Unit to QoG Municipality-Year Unit translation**

QoG Country-Year data for Sweden is matched to Municipality-Year data based on year.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit

**Additional information:**

This translation covers Sweden only as QoG Municipality-Year includes observations for Swedish municipalities.

#### **5.25.14 QoG NUTS Region-Year Unit**

**Translation Path: QoG Country-Year → QoG NUTS Region-Year**

**QoG Country-Year Unit to QoG NUTS Region-Year Unit translation**

Country-Year is translated to Region-Year by matching country observations to regional observations collected for the NUTS0 level (and thus equal to the country level) and year identifiers to year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit.

#### **5.25.15 QoG NUTS2 Region Unit**

**Translation Path: QoG Country-Year → QoG NUTS2 Region**

**QoG Country-Year Unit to QoG NUTS2 Region Unit translation**

Country-Year observations are translated to Region by matching observations from the latest Country-Year to observations collected on the NUTS0 regional level, which is the country level.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit

#### **5.25.16 Repdem Cabinet-Date Unit**

**Translation Path: QoG Country-Year → Repdem Cabinet-Date**

**QoG Country-Year Unit to Repdem Cabinet-Date Unit translation**

QoG Country-Year observations are matched to REPDEM identifiers for the final year a cabinet was in office.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to REPDEM identifier combinations are dropped, as data-quality for REPDEM variables is prioritized in this translations to this unit.

#### **5.25.17 UCDP Country-Year Unit**

**Translation Path: QoG Country-Year → UCDP Country-Year**

**QoG Country-Year Unit to UCDP Country-Year Unit translation**



QoG Country-Year observations are matched to UCDP Country-Year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to UCDP identifier combinations are dropped, as data-quality for UCDP variables is prioritized in translations to this unit.

**Additional information:**

QoG bases their country identifiers on ISO-3166-1 standard, while UCDP uses Gleditsch and Ward. We match countries based on the numeric Gleditsch and Ward country identifiers in UCDP and the numeric Correlates of War country identifiers in QoG. For the two cases the country identifiers differ (Germany and Yemen), we match them together nonetheless by adjusting the CoW identifier in QoG to the GW identifier from UCDP.

#### **5.25.18 UCDP Event ID Unit**

**Translation Path: QoG Country-Year → UCDP Event ID**

##### **QoG Country-Year Unit to UCDP Event ID Unit translation**

QoG Country-Year is translated to UCDP Event IDs by matching country and year identifiers from both Output Units. QoG Country-Year combinations are duplicated across all events that occurred within a UCDP Country-Year combination in the Event ID unit, and combinations from QoG that do not exist in UCDP are dropped.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit.

**Additional information:**

QoG bases their country identifiers on ISO-3166-1 standard, while UCDP uses Gleditsch and Ward. Please be aware that for this translation, we match QoG Country identifiers to the location variable in the UCDP GED Dataset.

#### **5.25.19 UCDP Organized Violence Country-Year Unit**

**Translation Path: QoG Country-Year → UCDP Organized Violence Country-Year**

##### **QoG Country-Year Unit to UCDP Organized Violence Country-Year Unit translation**

QoG Country-Year observations are matched to UCDP Country-Year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to UCDP identifier combinations are dropped, as data-quality for UCDP variables is prioritized in translations to this unit.

**Additional information:**

QoG bases their country identifiers on ISO-3166-1 standard, while UCDP uses Gleditsch and Ward. We match countries based on the numeric Gleditsch and Ward country identifiers in UCDP and the numeric Correlates of War country identifiers in QoG. For the two cases the country identifiers differ (Germany and Yemen), we match them together nonetheless by adjusting the CoW identifier in QoG to the GW identifier from UCDP.

#### **5.25.20 V-Dem Country-Year Unit**

**Translation Path: QoG Country-Year → V-Dem Country-Year**

##### **QoG Country-Year Unit to V-Dem Country-Year Unit translation**

QoG Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected QoG variables may only contain observations for a subset of countries and

years included in their primary Output Unit. QoG identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

#### **5.25.21 Complab Country-Year-Track Unit**

**Translation Path: QoG Country-Year → Complab Country-Year → Complab Country-Year-Track**

##### **QoG Country-Year Unit to Complab Country-Year Unit translation**

QoG Country-Year is translated to COMPLAB Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to COMPLAB identifier combinations are dropped, as data-quality for COMPLAB variables is prioritized in translations to this unit.

##### **Complab Country-Year Unit to Complab Country-Year-Track Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

#### **5.25.22 H-DATA Dyad-Year Unit**

**Translation Path: QoG Country-Year → H-DATA Country-Year → H-DATA Dyad-Year**

##### **QoG Country-Year Unit to H-DATA Country-Year Unit translation**

QoG Country-Year is translated to H-DATA Country-Year by matching country and year identifiers from both Output Units.

As the QoG datasets are compiled from different sources, the exact country definitions are not always given and thus may differ from H-DATA country definitions.

H-DATA refers to historical Serbia, Yugoslavia, and modern-day Serbia as 'Serbia/Yugoslavia' while QoG includes Yugoslavia (until 1991), Serbia and Montenegro (1992- 2005) and Serbia (2006 onwards) separately.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to H-DATA identifier combinations are dropped, as data-quality for H-DATA variables is prioritized in translations to this unit.

##### **H-DATA Country-Year Unit to H-DATA Dyad-Year Unit translation**

Country-Years are matched to Country-Years using the country identifier for country 1 in the dyad.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

#### **5.25.23 H-DATA Minister-Date Unit**

**Translation Path: QoG Country-Year → H-DATA Country-Year → H-DATA Minister-Date**

##### **QoG Country-Year Unit to H-DATA Country-Year Unit translation**

QoG Country-Year is translated to H-DATA Country-Year by matching country and year identifiers from both Output Units.

As the QoG datasets are compiled from different sources, the exact country definitions are not always given and thus may differ from H-DATA country definitions.

H-DATA refers to historical Serbia, Yugoslavia, and modern-day Serbia as 'Serbia/Yugoslavia' while QoG includes Yugoslavia (until 1991), Serbia and Montenegro (1992- 2005) and Serbia (2006 onwards) separately.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to H-DATA identifier combinations are dropped, as data-quality for H-DATA variables is prioritized in translations to this unit.

#### **H-DATA Country-Year Unit to H-DATA Minister-Date Unit translation**

Country-Year observations are matched to Country-Year observations based on the final year a minister in a country was in office.

Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

#### **5.25.24 REPDEM Cabinet-Party Unit**

**Translation Path: QoG Country-Year → REPDEM Cabinet-Party**

##### **QoG Country-Year Unit to REPDEM Cabinet-Party Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

#### **5.25.25 REPDEM Country-Year Unit**

**Translation Path: QoG Country-Year → REPDEM Country-Year**

##### **QoG Country-Year Unit to REPDEM Country-Year Unit translation**

QoG Country-Year observations are matched to REPDEM Country-Year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to REPDEM identifier combinations are dropped, as data-quality for REPDEM variables is prioritized in translations to this unit.

#### **5.25.26 V-Dem Country-Date Unit**

**Translation Path: QoG Country-Year → V-Dem Country-Year → V-Dem Country-Date**

##### **QoG Country-Year Unit to V-Dem Country-Year Unit translation**

QoG Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

##### **V-Dem Country-Year Unit to V-Dem Country-Date Unit translation**

Countries are matched to countries and Year is extracted from Dates. Country-Year observations are then matched and duplicated across Country-Years.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

### 5.25.27 V-Dem Party-Country-Year Unit

**Translation Path:** QoG Country-Year → V-Dem Country-Year → V-Dem Party-Country-Year

#### QoG Country-Year Unit to V-Dem Country-Year Unit translation

QoG Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

#### V-Dem Country-Year Unit to V-Dem Party-Country-Year Unit translation

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

### 5.25.28 V-Dem Country-Date-Coder Unit

**Translation Path:** QoG Country-Year → V-Dem Country-Year → V-Dem Country-Date → V-Dem Country-Date-Coder

#### QoG Country-Year Unit to V-Dem Country-Year Unit translation

QoG Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

#### V-Dem Country-Year Unit to V-Dem Country-Date Unit translation

Countries are matched to countries and Year is extracted from Dates. Country-Year observations are then matched and duplicated across Country-Years.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

#### V-Dem Country-Date Unit to V-Dem Country-Date-Coder Unit translation

Country-Dates are matched to Country-Dates. Country-Date combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit.

### 5.25.29 V-Dem Party-Date-Coder Unit

**Translation Path:** QoG Country-Year → V-Dem Country-Year → V-Dem Party-Country-Year → V-Dem Party-Date-Coder

#### QoG Country-Year Unit to V-Dem Country-Year Unit translation

QoG Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

#### **V-Dem Country-Year Unit to V-Dem Party-Country-Year Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

#### **V-Dem Party-Country-Year Unit to V-Dem Party-Date-Coder Unit translation**

Year is extracted from date. Country-, year- and party identifiers are matched to corresponding country-year-party combinations. Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit.

## 5.26 QoG European Quality of Government Index Individual Level (2010 & 2013)

*Dataset tag:* qog\_eqi\_ind\_1013

*Output Unit:* QoG EQI Respondent ID 2010-13, i.e., data is collected per respondent in this survey round.

*Description:* This index focuses on both perceptions and experiences with public sector corruption, along with the extent to which citizens believe various public sector services are impartially allocated and of good quality in the EU.

*Dataset citation:* Charron, N., Dijkstra, L., Lapuente, V. (2015). Mapping the regional divide in Europe: A measure for assessing quality of government in 206 European regions. *Social Indicators Research*, 122(2), 315-346.

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Be mindful that the original data sources are the only owners of their data and they can adjust their license without previous warning.

More detailed information on the dataset can be found at the following web page: <https://www.gu.se/en/quality-government/qog-data/data-downloads/european-quality-of-government-index>

**Unit Notes:** The unit for this dataset is a respondent. That means each row in the dataset can be identified by the respondent ID, using the resp\_id column (after removing six rows with missing respondent ids as suggested by QoG)

### 5.26.1 QoG EQI Respondent ID 2010-2013 Unit

**Translation Path: QoG EQI Respondent ID 2010-2013 (Primary Output Unit)**

QoG EQI Respondent ID 2010-2013 is the primary unit.

## 5.27 QoG European Quality of Government Index Individual Level (2017)

*Dataset tag:* qog\_eqi\_ind\_17

*Output Unit:* QoG EQI Respondent ID 2017, i.e., data is collected per respondent in this survey round.

*Description:* This index focuses on both perceptions and experiences with public sector corruption, along with the extent to which citizens believe various public sector services are impartially allocated and of good quality in the EU.

*Dataset citation:* Charron, N., V. Lapuente P. Annoni (2019). ‘Measuring Quality of Government in EU Regions Across Space and Time.’ Papers in Regional Science. DOI: 10.1111/pirs.12437

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Be mindful that the original data sources are the only owners of their data and they can adjust their license without previous warning.

More detailed information on the dataset can be found at the following web page: <https://www.gu.se/en/quality-government/qog-data/data-downloads/european-quality-of-government-index>

**Unit Notes:** The unit for this dataset is a respondent. That means each row in the dataset can be identified by a respondent ID using the idfinal column.

### 5.27.1 QoG EQI Respondent ID 2017 Unit

**Translation Path: QoG EQI Respondent ID 2017 (Primary Output Unit)**

QoG EQI Respondent ID 2017 is the primary unit.

## 5.28 QoG European Quality of Government Index Individual Level (2021)

*Dataset tag:* qog\_eqi\_ind\_21

*Output Unit:* QoG EQI Respondent ID 2021, i.e., data is collected per respondent in this survey round.

*Description:* This index focuses on both perceptions and experiences with public sector corruption, along with the extent to which citizens believe various public sector services are impartially allocated and of good quality in the EU.

*Dataset citation:* Charron, Nicholas, Victor Lapuente, and Monika Bauhr. 2021. Sub-national Quality of Government in EU Member States: Presenting the 2021 European Quality of Government Index and its relationship with Covid-19 indicators. University of Gothenburg: The QoG Working Paper Series 2021:4.

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Be mindful that the original data sources are the only owners of their data and they can adjust their license without previous warning.

More detailed information on the dataset can be found at the following web page: <https://www.gu.se/en/quality-government/qog-data/data-downloads/european-quality-of-government-index>

**Unit Notes:** The unit for this dataset is a respondent. That means each row in the dataset can be identified by a respondent ID using the resp\_id column.

### 5.28.1 QoG EQI Respondent ID 2021 Unit

**Translation Path: QoG EQI Respondent ID 2021 (Primary Output Unit)**

QoG EQI Respondent ID 2021 is the primary unit.



## 5.29 QoG European Quality of Government Index Regional Level (2010, 2013, 2017 & 2021)

**Dataset tag:** qog\_eqi\_long

**Output Unit:** QoG NUTS Region-Year, i.e., data is collected per European NUTS region and year.

**Description:** This index focuses on both perceptions and experiences with public sector corruption, along with the extent to which citizens believe various public sector services are impartially allocated and of good quality in the EU.

**Dataset citation:** Charron, Nicholas, Victor Lapuente Monika Bauhr. 2021. Sub-national Quality of Government in EU Member States: Presenting the 2021 European Quality of Government Index and its relationship with Covid-19 indicators. University of Gothenburg: The QoG Working Paper Series 2021:4.

**License:** The QoG datasets are open and available, free of charge and without a need to register your data. You can use them for your analysis, graphs, teaching, and other academic-related and non-commercial purposes. We ask our users to cite always the original source(s) of the data and our datasets.

We do not allow other uses of these data including but not limited to redistribution, commercialization and other for-profit usage. If a user is interested in such use or has doubts about the license, they will have to refer to the original source and check with them if this is allowed and what requirements they need to fulfill.

Be mindful that the original data sources are the only owners of their data and they can adjust their license without previous warning.

More detailed information on the dataset can be found at the following web page: <https://www.gu.se/en/quality-government/qog-data/data-downloads/european-quality-of-government-index>

**Unit Notes:** The unit for this dataset is a combination of a NUTS region and a year. This means that every row in the dataset can be identified through a combination of region and year. The unit can be expressed using the columns `region_code` and `year`. The unit can also be expressed through a combination of the columns `nuts0`, `nuts1`, `nuts2` and `year` or `name` and `year`.

### 5.29.1 QoG NUTS Region-Year Unit

**Translation Path:** QoG NUTS Region-Year (Primary Output Unit)

QoG NUTS Region-Year is the primary unit.

**Additional information:**

The spelling of NUTS0 region names is adjusted to match the region names to country names: instead of capital letters only now in normal writing language (first letter upper case, the rest lower case).

### 5.29.2 QoG Agency-Agency Instruction Unit

**Translation Path:** QoG NUTS Region-Year → QoG Agency-Fiscal Year → QoG Agency-Agency Instruction

**QoG NUTS Region-Year Unit to QoG Agency-Fiscal Year Unit translation**

Region-Year data for Sweden is matched to Agency-Year data based on the agency year.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that the dataset may only contain a subset of countries and years included in its primary Output Unit.

**QoG Agency-Fiscal Year Unit to QoG Agency-Agency Instruction Unit translation**

Agency IDs are matched to Agency IDs.

### **5.29.3 QoG Agency-Fiscal Year Unit**

**Translation Path: QoG NUTS Region-Year → QoG Agency-Fiscal Year**

#### **QoG NUTS Region-Year Unit to QoG Agency-Fiscal Year Unit translation**

Region-Year data for Sweden is matched to Agency-Year data based on the agency year.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that the dataset may only contain a subset of countries and years included in its primary Output Unit.

#### **Additional information:**

This translation covers Sweden only as the QoG Agency-Fiscal Year Unit includes observations for Swedish agencies only.

### **5.29.4 QoG Country Unit**

**Translation Path: QoG NUTS Region-Year → QoG Country**

#### **QoG NUTS Region-Year Unit to QoG Country Unit translation**

Region-Year is translated to country by matching the most recent Region-Year observation to Country observations.

Please note that the dataset may only contain a subset of countries and years included in its primary Output Unit.

### **5.29.5 QoG Country-Year Unit**

**Translation Path: QoG NUTS Region-Year → QoG Country-Year**

#### **QoG NUTS Region-Year Unit to QoG Country-Year Unit translation**

Region-Year is translated to Country-Year by matching regional observations collected for the NUTS0 level (and thus equal to the country level) to country identifiers and year identifiers to year identifiers.

Please note that the dataset may only contain a subset of regions and years included in its primary Output Unit.

### **5.29.6 QoG EQI Perceptions Respondent ID 2017 Unit**

**Translation Path: QoG NUTS Region-Year → QoG EQI Perceptions Respondent ID 2017**

#### **QoG NUTS Region-Year Unit to QoG EQI Perceptions Respondent ID 2017 Unit translation**

Region-Year observations are matched to Region-Year observations on the country level.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that the dataset may only contain a subset of countries and years included in its primary Output Unit.

### **5.29.7 QoG EQI Respondent ID 2010-2013 Unit**

**Translation Path: QoG NUTS Region-Year → QoG EQI Respondent ID 2010-2013**

#### **QoG NUTS Region-Year Unit to QoG EQI Respondent ID 2010-2013 Unit translation**

Region-Year observations are matched to Region-Year observations on the country level.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that the dataset may only contain a subset of countries and years included in its primary Output Unit.

#### **5.29.8 QoG EQI Respondent ID 2017 Unit**

**Translation Path: QoG NUTS Region-Year → QoG EQI Respondent ID 2017**

##### **QoG NUTS Region-Year Unit to QoG EQI Respondent ID 2017 Unit translation**

Region-Year observations are matched to Region-Year observations on the country level.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that the dataset may only contain a subset of countries and years included in its primary Output Unit.

#### **5.29.9 QoG EQI Respondent ID 2021 Unit**

**Translation Path: QoG NUTS Region-Year → QoG EQI Respondent ID 2021**

##### **QoG NUTS Region-Year Unit to QoG EQI Respondent ID 2021 Unit translation**

Region-Year observations are matched to Region-Year observations on the country level.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that the dataset may only contain a subset of countries and years included in its primary Output Unit.

#### **5.29.10 QoG Municipality-Year Unit**

**Translation Path: QoG NUTS Region-Year → QoG Municipality-Year**

##### **QoG NUTS Region-Year Unit to QoG Municipality-Year Unit translation**

Region-Year data for Sweden is matched to Municipality-Year data based on year.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

#### **5.29.11 QoG NUTS2 Region Unit**

**Translation Path: QoG NUTS Region-Year → QoG NUTS2 Region**

##### **QoG NUTS Region-Year Unit to QoG NUTS2 Region Unit translation**

Observations for 2021 from the QoG Region Year Output Unit are matched to Country-Year.

Please note that the dataset may only contain a subset of regions and years included in its primary Output Unit.

#### **5.29.12 Complab Country-Year Unit**

**Translation Path: QoG NUTS Region-Year → QoG Country-Year → Complab Country-Year**

##### **QoG NUTS Region-Year Unit to QoG Country-Year Unit translation**

Region-Year is translated to Country-Year by matching regional observations collected for the NUTS0 level (and thus equal to the country level) to country identifiers and year identifiers to year identifiers.

Please note that the dataset may only contain a subset of regions and years included in its primary Output Unit.

##### **QoG Country-Year Unit to Complab Country-Year Unit translation**

QoG Country-Year is translated to COMPLAB Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to COMPLAB identifier combinations are dropped, as data-quality for COMPLAB variables is prioritized in translations to this unit.

### **5.29.13 Demscore Country-Year Unit**

**Translation Path: QoG NUTS Region-Year → QoG Country-Year → Demscore Country-Year**

#### **QoG NUTS Region-Year Unit to QoG Country-Year Unit translation**

Region-Year is translated to Country-Year by matching regional observations collected for the NUTS0 level (and thus equal to the country level) to country identifiers and year identifiers to year identifiers.

Please note that the dataset may only contain a subset of regions and years included in its primary Output Unit.

#### **QoG Country-Year Unit to Demscore Country-Year Unit translation**

QoG Country-Year observations are matched to DEMSCORE Country-Year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to DEMSCORE identifier combinations are dropped.

### **5.29.14 H-DATA Country-Year Unit**

**Translation Path: QoG NUTS Region-Year → QoG Country-Year → H-DATA Country-Year**

#### **QoG NUTS Region-Year Unit to QoG Country-Year Unit translation**

Region-Year is translated to Country-Year by matching regional observations collected for the NUTS0 level (and thus equal to the country level) to country identifiers and year identifiers to year identifiers.

Please note that the dataset may only contain a subset of regions and years included in its primary Output Unit.

#### **QoG Country-Year Unit to H-DATA Country-Year Unit translation**

QoG Country-Year is translated to H-DATA Country-Year by matching country and year identifiers from both Output Units.

As the QoG datasets are compiled from different sources, the exact country definitions are not always given and thus may differ from H-DATA country definitions.

H-DATA refers to historical Serbia, Yugoslavia, and modern-day Serbia as 'Serbia/Yugoslavia' while QoG includes Yugoslavia (until 1991), Serbia and Montenegro (1992- 2005) and Serbia (2006 onwards) separately.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to H-DATA identifier combinations are dropped, as data-quality for H-DATA variables is prioritized in translations to this unit.

### **5.29.15 REPDEM Cabinet-Party Unit**

**Translation Path: QoG NUTS Region-Year → QoG Country-Year → REPDEM Cabinet-Party**

#### **QoG NUTS Region-Year Unit to QoG Country-Year Unit translation**

Region-Year is translated to Country-Year by matching regional observations collected for the NUTS0 level (and thus equal to the country level) to country identifiers and year identifiers to year identifiers.

Please note that the dataset may only contain a subset of regions and years included in its primary Output

Unit.

#### **QoG Country-Year Unit to REPDEM Cabinet-Party Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

#### **5.29.16 REPDEM Country-Year Unit**

**Translation Path: QoG NUTS Region-Year → QoG Country-Year → REPDEM Country-Year**

#### **QoG NUTS Region-Year Unit to QoG Country-Year Unit translation**

Region-Year is translated to Country-Year by matching regional observations collected for the NUTS0 level (and thus equal to the country level) to country identifiers and year identifiers to year identifiers.

Please note that the dataset may only contain a subset of regions and years included in its primary Output Unit.

#### **QoG Country-Year Unit to REPDEM Country-Year Unit translation**

QoG Country-Year observations are matched to REPDEM Country-Year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to REPDEM identifier combinations are dropped, as data-quality for REPDEM variables is prioritized in translations to this unit.

#### **5.29.17 Repdem Cabinet-Date Unit**

**Translation Path: QoG NUTS Region-Year → QoG Country-Year → Repdem Cabinet-Date**

#### **QoG NUTS Region-Year Unit to QoG Country-Year Unit translation**

Region-Year is translated to Country-Year by matching regional observations collected for the NUTS0 level (and thus equal to the country level) to country identifiers and year identifiers to year identifiers.

Please note that the dataset may only contain a subset of regions and years included in its primary Output Unit.

#### **QoG Country-Year Unit to Repdem Cabinet-Date Unit translation**

QoG Country-Year observations are matched to REPDEM identifiers for the final year a cabinet was in office.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to REPDEM identifier combinations are dropped, as data-quality for REPDEM variables is prioritized in this translations to this unit.

#### **5.29.18 UCDP Country-Year Unit**

**Translation Path: QoG NUTS Region-Year → QoG Country-Year → UCDP Country-Year**

#### **QoG NUTS Region-Year Unit to QoG Country-Year Unit translation**

Region-Year is translated to Country-Year by matching regional observations collected for the NUTS0 level (and thus equal to the country level) to country identifiers and year identifiers to year identifiers.

Please note that the dataset may only contain a subset of regions and years included in its primary Output Unit.

#### **QoG Country-Year Unit to UCDP Country-Year Unit translation**

QoG Country-Year observations are matched to UCDP Country-Year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to UCDP identifier combinations are dropped, as data-quality for UCDP variables is prioritized in translations to this unit.

#### **5.29.19 UCDP Organized Violence Country-Year Unit**

**Translation Path: QoG NUTS Region-Year → QoG Country-Year → UCDP Organized Violence Country-Year**

##### **QoG NUTS Region-Year Unit to QoG Country-Year Unit translation**

Region-Year is translated to Country-Year by matching regional observations collected for the NUTS0 level (and thus equal to the country level) to country identifiers and year identifiers to year identifiers.

Please note that the dataset may only contain a subset of regions and years included in its primary Output Unit.

##### **QoG Country-Year Unit to UCDP Organized Violence Country-Year Unit translation**

QoG Country-Year observations are matched to UCDP Country-Year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to UCDP identifier combinations are dropped, as data-quality for UCDP variables is prioritized in translations to this unit.

#### **5.29.20 V-Dem Country-Year Unit**

**Translation Path: QoG NUTS Region-Year → QoG Country-Year → V-Dem Country-Year**

##### **QoG NUTS Region-Year Unit to QoG Country-Year Unit translation**

Region-Year is translated to Country-Year by matching regional observations collected for the NUTS0 level (and thus equal to the country level) to country identifiers and year identifiers to year identifiers.

Please note that the dataset may only contain a subset of regions and years included in its primary Output Unit.

##### **QoG Country-Year Unit to V-Dem Country-Year Unit translation**

QoG Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

#### **5.29.21 H-DATA Dyad-Year Unit**

**Translation Path: QoG Region-Year → QoG Country-Year → H-DATA Country-Year → H-DATA Dyad-Year**

##### **QoG Country-Year Unit to H-DATA Country-Year Unit translation**

QoG Country-Year is translated to H-DATA Country-Year by matching country and year identifiers from both Output Units.

As the QoG datasets are compiled from different sources, the exact country definitions are not always given and thus may differ from H-DATA country definitions.

H-DATA refers to historical Serbia, Yugoslavia, and modern-day Serbia as 'Serbia/Yugoslavia' while QoG includes Yugoslavia (until 1991), Serbia and Montenegro (1992- 2005) and Serbia (2006 onwards) separately.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to H-DATA identifier combinations are dropped, as data-quality for H-DATA variables is prioritized in translations to this unit.

#### **H-DATA Country-Year Unit to H-DATA Dyad-Year Unit translation**

Country-Years are matched to Country-Years using the country identifier for country 1 in the dyad.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

#### **5.29.22 H-DATA Minister-Date Unit**

**Translation Path: QoG NUTS Region-Year → QoG Country-Year → H-DATA Country-Year → H-DATA Minister-Date**

#### **QoG NUTS Region-Year Unit to QoG Country-Year Unit translation**

Region-Year is translated to Country-Year by matching regional observations collected for the NUTS0 level (and thus equal to the country level) to country identifiers and year identifiers to year identifiers.

Please note that the dataset may only contain a subset of regions and years included in its primary Output Unit.

#### **QoG Country-Year Unit to H-DATA Country-Year Unit translation**

QoG Country-Year is translated to H-DATA Country-Year by matching country and year identifiers from both Output Units.

As the QoG datasets are compiled from different sources, the exact country definitions are not always given and thus may differ from H-DATA country definitions.

H-DATA refers to historical Serbia, Yugoslavia, and modern-day Serbia as 'Serbia/Yugoslavia' while QoG includes Yugoslavia (until 1991), Serbia and Montenegro (1992- 2005) and Serbia (2006 onwards) separately.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to H-DATA identifier combinations are dropped, as data-quality for H-DATA variables is prioritized in translations to this unit.

#### **H-DATA Country-Year Unit to H-DATA Minister-Date Unit translation**

Country-Year observations are matched to Country-Year observations based on the final year a minister in a country was in office.

Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

## 5.30 QoG EU Regional Dataset Long Data

**Dataset tag:** qog\_eureg\_long

**Output Unit:** QoG NUTS Region-Year, i.e., data is collected per European NUTS region and year.

**Description:** The QoG EU Regional dataset is a dataset consisting of more than 300 variables covering three levels of European regions - Nomenclature of Territorial Units for Statistics (NUTS): NUTS0 (country), NUTS1 (major socio-economic regions) and NUTS2 (basic regions for the application of regional policies).

The QoG Regional Data is presented in three different forms available in separate datasets. The variables are the same across all three datasets besides a varying suffix (`_nuts0`, `_nuts1`, `_nuts2`) indicating which NUTS level is represented.

All datasets are available in time-series format. The first one (The QoG Regional Data - Long Form) is a dataset where data is presented in the long form. The list of units of analysis contains regions of all NUTS levels.

Two other datasets are presented in the wide form for multilevel analysis. In the second dataset (The QoG Regional Data - Wide Form NUTS1) includes NUTS1 level as the unit of analysis and variables represent the values for this level and corresponding lower level – NUTS0. As an example, in this dataset the data is presented only for East Sweden (Ostra Sverige SE1), as a unit of analysis and has values for lower levels of this region - Sweden (SE).

In the third dataset (The QoG Regional Data - Wide Form NUTS2) the unit of analysis is NUTS2 level regions and variables provide values as for every unit of analysis, as well as for corresponding lower NUTS levels: NUTS1 and NUTS0. One example of unit of analysis in this dataset is Stockholm (SE11) and data for every variable will be for Stockholm, as well as for lower level regions - East Sweden (Ostra Sverige SE1) and Sweden (SE).

**Dataset citation:** Charron, Nicholas, Stefan Dahlberg, Aksel Sundström, Sören Holmberg, Bo Rothstein, Natalia Alvarado Pachon Cem Mert Dalli. 2020. The Quality of Government EU Regional Dataset, version Nov20. University of Gothenburg: The Quality of Government Institute, <https://www.gu.se/en/quality-government> doi:10.18157/qogeuregnov20

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Be mindful that the original data sources are the only owners of their data and they can adjust their license without previous warning.

More detailed information on the dataset can be found at the following web page: <https://www.gu.se/en/quality-government/qog-data/data-downloads/eu-regional-dataset>

**Unit Notes:** The unit for this dataset is a combination of a NUTS region and a year. This means that every row in the dataset can be identified through a combination of region and year. The unit can be expressed using the columns `region_code` and `year`. The unit can also be expressed through a combination of the columns `nuts0`, `nuts1` `nuts2` and `year`.

### 5.30.1 QoG NUTS Region-Year Unit

**Translation Path: QoG NUTS Region-Year (Primary Output Unit)**

QoG NUTS Region-Year is the primary unit.

**Additional information:**

The spelling of NUTS0 region names is adjusted to match the region names to country names: instead of capital letters only now in normal writing language (first letter upper case, the rest lower case).



### **5.30.2 QoG Agency-Agency Instruction Unit**

**Translation Path: QoG NUTS Region-Year → QoG Agency-Fiscal Year → QoG Agency-Agency Instruction**

#### **QoG NUTS Region-Year Unit to QoG Agency-Fiscal Year Unit translation**

Region-Year data for Sweden is matched to Agency-Year data based on the agency year.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that the dataset may only contain a subset of countries and years included in its primary Output Unit.

#### **QoG Agency-Fiscal Year Unit to QoG Agency-Agency Instruction Unit translation**

Agency IDs are matched to Agency IDs.

### **5.30.3 QoG Agency-Fiscal Year Unit**

**Translation Path: QoG NUTS Region-Year → QoG Agency-Fiscal Year**

#### **QoG NUTS Region-Year Unit to QoG Agency-Fiscal Year Unit translation**

Region-Year data for Sweden is matched to Agency-Year data based on the agency year.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that the dataset may only contain a subset of countries and years included in its primary Output Unit.

#### **Additional information:**

This translation covers Sweden only as the QoG Agency-Fiscal Year Unit includes observations for Swedish agencies only.

### **5.30.4 QoG Country Unit**

**Translation Path: QoG NUTS Region-Year → QoG Country**

#### **QoG NUTS Region-Year Unit to QoG Country Unit translation**

Region-Year is translated to country by matching the most recent Region-Year observation to Country observations.

Please note that the dataset may only contain a subset of countries and years included in its primary Output Unit.

### **5.30.5 QoG Country-Year Unit**

**Translation Path: QoG NUTS Region-Year → QoG Country-Year**

#### **QoG NUTS Region-Year Unit to QoG Country-Year Unit translation**

Region-Year is translated to Country-Year by matching regional observations collected for the NUTS0 level (and thus equal to the country level) to country identifiers and year identifiers to year identifiers.

Please note that the dataset may only contain a subset of regions and years included in its primary Output Unit.

### **5.30.6 QoG EQI Perceptions Respondent ID 2017 Unit**

**Translation Path: QoG NUTS Region-Year → QoG EQI Perceptions Respondent ID 2017**

#### **QoG NUTS Region-Year Unit to QoG EQI Perceptions Respondent ID 2017 Unit translation**

Region-Year observations are matched to Region-Year observations on the country level.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that the dataset may only contain a subset of countries and years included in its primary Output Unit.

### **5.30.7 QoG EQI Respondent ID 2010-2013 Unit**

**Translation Path: QoG NUTS Region-Year → QoG EQI Respondent ID 2010-2013**

**QoG NUTS Region-Year Unit to QoG EQI Respondent ID 2010-2013 Unit translation**

Region-Year observations are matched to Region-Year observations on the country level.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that the dataset may only contain a subset of countries and years included in its primary Output Unit.

### **5.30.8 QoG EQI Respondent ID 2017 Unit**

**Translation Path: QoG NUTS Region-Year → QoG EQI Respondent ID 2017**

**QoG NUTS Region-Year Unit to QoG EQI Respondent ID 2017 Unit translation**

Region-Year observations are matched to Region-Year observations on the country level.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that the dataset may only contain a subset of countries and years included in its primary Output Unit.

### **5.30.9 QoG EQI Respondent ID 2021 Unit**

**Translation Path: QoG NUTS Region-Year → QoG EQI Respondent ID 2021**

**QoG NUTS Region-Year Unit to QoG EQI Respondent ID 2021 Unit translation**

Region-Year observations are matched to Region-Year observations on the country level.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that the dataset may only contain a subset of countries and years included in its primary Output Unit.

### **5.30.10 QoG Municipality-Year Unit**

**Translation Path: QoG NUTS Region-Year → QoG Municipality-Year**

**QoG NUTS Region-Year Unit to QoG Municipality-Year Unit translation**

Region-Year data for Sweden is matched to Municipality-Year data based on year.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

#### **Additional information:**

This translation covers Sweden only as QoG Municipality-Year includes observations for Swedish municipalities.

### **5.30.11 QoG NUTS2 Region Unit**

**Translation Path: QoG NUTS Region-Year → QoG NUTS2 Region**

**QoG NUTS Region-Year Unit to QoG NUTS2 Region Unit translation**

Observations for 2021 from the QoG Region Year Output Unit are matched to Country-Year.

Please note that the dataset may only contain a subset of regions and years included in its primary Output Unit.

### **5.30.12 Complab Country-Year Unit**

**Translation Path: QoG NUTS Region-Year → QoG Country-Year → Complab Country-Year**

**QoG NUTS Region-Year Unit to QoG Country-Year Unit translation**

Region-Year is translated to Country-Year by matching regional observations collected for the NUTS0 level (and thus equal to the country level) to country identifiers and year identifiers to year identifiers.

Please note that the dataset may only contain a subset of regions and years included in its primary Output Unit.

**QoG Country-Year Unit to Complab Country-Year Unit translation**

QoG Country-Year is translated to COMPLAB Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to COMPLAB identifier combinations are dropped, as data-quality for COMPLAB variables is prioritized in translations to this unit.

### **5.30.13 Demscore Country-Year Unit**

**Translation Path: QoG NUTS Region-Year → QoG Country-Year → Demscore Country-Year**

**QoG NUTS Region-Year Unit to QoG Country-Year Unit translation**

Region-Year is translated to Country-Year by matching regional observations collected for the NUTS0 level (and thus equal to the country level) to country identifiers and year identifiers to year identifiers.

Please note that the dataset may only contain a subset of regions and years included in its primary Output Unit.

**QoG Country-Year Unit to Demscore Country-Year Unit translation**

QoG Country-Year observations are matched to DEMSCORE Country-Year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to DEMSCORE identifier combinations are dropped.

### **5.30.14 H-DATA Country-Year Unit**

**Translation Path: QoG NUTS Region-Year → QoG Country-Year → H-DATA Country-Year**

**QoG NUTS Region-Year Unit to QoG Country-Year Unit translation**

Region-Year is translated to Country-Year by matching regional observations collected for the NUTS0 level (and thus equal to the country level) to country identifiers and year identifiers to year identifiers.

Please note that the dataset may only contain a subset of regions and years included in its primary Output Unit.

**QoG Country-Year Unit to H-DATA Country-Year Unit translation**

QoG Country-Year is translated to H-DATA Country-Year by matching country and year identifiers from

both Output Units.

As the QoG datasets are compiled from different sources, the exact country definitions are not always given and thus may differ from H-DATA country definitions.

H-DATA refers to historical Serbia, Yugoslavia, and modern-day Serbia as 'Serbia/Yugoslavia' while QoG includes Yugoslavia (until 1991), Serbia and Montenegro (1992- 2005) and Serbia (2006 onwards) separately.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to H-DATA identifier combinations are dropped, as data-quality for H-DATA variables is prioritized in translations to this unit.

#### **5.30.15 REPDEM Cabinet-Party Unit**

**Translation Path: QoG NUTS Region-Year → QoG Country-Year → REPDEM Cabinet-Party**

##### **QoG NUTS Region-Year Unit to QoG Country-Year Unit translation**

Region-Year is translated to Country-Year by matching regional observations collected for the NUTS0 level (and thus equal to the country level) to country identifiers and year identifiers to year identifiers.

Please note that the dataset may only contain a subset of regions and years included in its primary Output Unit.

##### **QoG Country-Year Unit to REPDEM Cabinet-Party Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

#### **5.30.16 REPDEM Country-Year Unit**

**Translation Path: QoG NUTS Region-Year → QoG Country-Year → REPDEM Country-Year**

##### **QoG NUTS Region-Year Unit to QoG Country-Year Unit translation**

Region-Year is translated to Country-Year by matching regional observations collected for the NUTS0 level (and thus equal to the country level) to country identifiers and year identifiers to year identifiers.

Please note that the dataset may only contain a subset of regions and years included in its primary Output Unit.

##### **QoG Country-Year Unit to REPDEM Country-Year Unit translation**

QoG Country-Year observations are matched to REPDEM Country-Year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to REPDEM identifier combinations are dropped, as data-quality for REPDEM variables is prioritized in translations to this unit.

#### **5.30.17 Repdem Cabinet-Date Unit**

**Translation Path: QoG NUTS Region-Year → QoG Country-Year → Repdem Cabinet-Date**

##### **QoG NUTS Region-Year Unit to QoG Country-Year Unit translation**

Region-Year is translated to Country-Year by matching regional observations collected for the NUTS0 level (and thus equal to the country level) to country identifiers and year identifiers to year identifiers.

Please note that the dataset may only contain a subset of regions and years included in its primary Output Unit.

### **QoG Country-Year Unit to Repdem Cabinet-Date Unit translation**

QoG Country-Year observations are matched to REPDEM identifiers for the final year a cabinet was in office.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to REPDEM identifier combinations are dropped, as data-quality for REPDEM variables is prioritized in this translations to this unit.

### **5.30.18 UCDP Country-Year Unit**

**Translation Path: QoG NUTS Region-Year → QoG Country-Year → UCDP Country-Year**

#### **QoG NUTS Region-Year Unit to QoG Country-Year Unit translation**

Region-Year is translated to Country-Year by matching regional observations collected for the NUTS0 level (and thus equal to the country level) to country identifiers and year identifiers to year identifiers.

Please note that the dataset may only contain a subset of regions and years included in its primary Output Unit.

#### **QoG Country-Year Unit to UCDP Country-Year Unit translation**

QoG Country-Year observations are matched to UCDP Country-Year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to UCDP identifier combinations are dropped, as data-quality for UCDP variables is prioritized in translations to this unit.

### **5.30.19 UCDP Organized Violence Country-Year Unit**

**Translation Path: QoG NUTS Region-Year → QoG Country-Year → UCDP Organized Violence Country-Year**

#### **QoG NUTS Region-Year Unit to QoG Country-Year Unit translation**

Region-Year is translated to Country-Year by matching regional observations collected for the NUTS0 level (and thus equal to the country level) to country identifiers and year identifiers to year identifiers.

Please note that the dataset may only contain a subset of regions and years included in its primary Output Unit.

#### **QoG Country-Year Unit to UCDP Organized Violence Country-Year Unit translation**

QoG Country-Year observations are matched to UCDP Country-Year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to UCDP identifier combinations are dropped, as data-quality for UCDP variables is prioritized in translations to this unit.

### **5.30.20 V-Dem Country-Year Unit**

**Translation Path: QoG NUTS Region-Year → QoG Country-Year → V-Dem Country-Year**

#### **QoG NUTS Region-Year Unit to QoG Country-Year Unit translation**

Region-Year is translated to Country-Year by matching regional observations collected for the NUTS0 level (and thus equal to the country level) to country identifiers and year identifiers to year identifiers.

Please note that the dataset may only contain a subset of regions and years included in its primary Output Unit.

#### **QoG Country-Year Unit to V-Dem Country-Year Unit translation**

QoG Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both

Output Units.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

### **5.30.21 H-DATA Dyad-Year Unit**

**Translation Path: QoG Region-Year → QoG Country-Year → H-DATA Country-Year → H-DATA Dyad-Year**

#### **QoG Country-Year Unit to H-DATA Country-Year Unit translation**

QoG Country-Year is translated to H-DATA Country-Year by matching country and year identifiers from both Output Units.

As the QoG datasets are compiled from different sources, the exact country definitions are not always given and thus may differ from H-DATA country definitions.

H-DATA refers to historical Serbia, Yugoslavia, and modern-day Serbia as 'Serbia/Yugoslavia' while QoG includes Yugoslavia (until 1991), Serbia and Montenegro (1992- 2005) and Serbia (2006 onwards) separately.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to H-DATA identifier combinations are dropped, as data-quality for H-DATA variables is prioritized in translations to this unit.

#### **H-DATA Country-Year Unit to H-DATA Dyad-Year Unit translation**

Country-Years are matched to Country-Years using the country identifier for country 1 in the dyad.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

### **5.30.22 H-DATA Minister-Date Unit**

**Translation Path: QoG NUTS Region-Year → QoG Country-Year → H-DATA Country-Year → H-DATA Minister-Date**

#### **QoG NUTS Region-Year Unit to QoG Country-Year Unit translation**

Region-Year is translated to Country-Year by matching regional observations collected for the NUTS0 level (and thus equal to the country level) to country identifiers and year identifiers to year identifiers.

Please note that the dataset may only contain a subset of regions and years included in its primary Output Unit.

#### **QoG Country-Year Unit to H-DATA Country-Year Unit translation**

QoG Country-Year is translated to H-DATA Country-Year by matching country and year identifiers from both Output Units.

As the QoG datasets are compiled from different sources, the exact country definitions are not always given and thus may differ from H-DATA country definitions.

H-DATA refers to historical Serbia, Yugoslavia, and modern-day Serbia as 'Serbia/Yugoslavia' while QoG includes Yugoslavia (until 1991), Serbia and Montenegro (1992- 2005) and Serbia (2006 onwards) separately.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to H-DATA identifier combinations are dropped, as data-quality for H-DATA variables is prioritized in translations to this unit.

#### **H-DATA Country-Year Unit to H-DATA Minister-Date Unit translation**

Country-Year observations are matched to Country-Year observations based on the final year a minister in a

country was in office.

Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

## 5.31 QoG EU Regional Dataset Wide Data (NUTS 1)

**Dataset tag:** qog\_eureg\_wide1

**Output Unit:** QoG NUTS Region-Year, i.e., data is collected per European NUTS region and year.

**Description:** The QoG EU Regional dataset is a dataset consisting of more than 300 variables covering three levels of European regions - Nomenclature of Territorial Units for Statistics (NUTS): NUTS0 (country), NUTS1 (major socio-economic regions) and NUTS2 (basic regions for the application of regional policies).

The QoG Regional Data is presented in three different forms available in separate datasets. The variables are the same across all three datasets besides a varying suffix (`_nuts0`, `_nuts1`, `_nuts2`) indication which NUTS level is represented.

All datasets are available in time-series format. The first one (The QoG Regional Data - Long Form) is a dataset where data is presented in the long form. The list of units of analysis contains regions of all NUTS levels.

Two other datasets are presented in the wide form for multilevel analysis. In the second dataset (The QoG Regional Data - Wide Form NUTS1) includes NUTS1 level as the unit of analysis and variables represent the values for this level and corresponding lower level – NUTS0. As an example, in this dataset the data is presented only for East Sweden (Ostra Sverige SE1), as a unit of analysis and has values for lower levels of this region - Sweden (SE).

In the third dataset (The QoG Regional Data - Wide Form NUTS2) the unit of analysis is NUTS2 level regions and variables provide values as for every unit of analysis, as well as for corresponding lower NUTS levels: NUTS1 and NUTS0. One example of unit of analysis in this dataset is Stockholm (SE11) and data for every variable will be for Stockholm, as well as for lower level regions - East Sweden (Ostra Sverige SE1) and Sweden (SE).

**Dataset citation:** Charron, Nicholas, Stefan Dahlberg, Aksel Sundström, Sören Holmberg, Bo Rothstein, Natalia Alvarado Pachon Cem Mert Dalli. 2020. The Quality of Government EU Regional Dataset, version Nov20. University of Gothenburg: The Quality of Government Institute, <https://www.gu.se/en/quality-government>

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Be mindful that the original data sources are the only owners of their data and they can adjust their license without previous warning.

More detailed information on the dataset can be found at the following web page: <https://www.gu.se/en/quality-government/qog-data/data-downloads/eu-regional-dataset>

**Unit Notes:** The unit for this dataset is a combination of a NUTS region and a year. This means that every row in the dataset can be identified through a combination of region and year. The unit can be expressed using the columns `region_code` and `year`. The unit can also be expressed through a combination of the columns `nuts0`, `nuts1` and `year`.

### 5.31.1 QoG NUTS Region-Year Unit

**Translation Path: QoG NUTS Region-Year (Primary Output Unit)**

QoG NUTS Region-Year is the primary unit.

**Additional information:**

The spelling of NUTS0 region names is adjusted to match the region names to country names: instead of capital letters only now in normal writing language (first letter upper case, the rest lower case).



### **5.31.2 QoG Agency-Agency Instruction Unit**

**Translation Path: QoG NUTS Region-Year → QoG Agency-Fiscal Year → QoG Agency-Agency Instruction**

#### **QoG NUTS Region-Year Unit to QoG Agency-Fiscal Year Unit translation**

Region-Year data for Sweden is matched to Agency-Year data based on the agency year.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that the dataset may only contain a subset of countries and years included in its primary Output Unit.

#### **QoG Agency-Fiscal Year Unit to QoG Agency-Agency Instruction Unit translation**

Agency IDs are matched to Agency IDs.

### **5.31.3 QoG Agency-Fiscal Year Unit**

**Translation Path: QoG NUTS Region-Year → QoG Agency-Fiscal Year**

#### **QoG NUTS Region-Year Unit to QoG Agency-Fiscal Year Unit translation**

Region-Year data for Sweden is matched to Agency-Year data based on the agency year.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that the dataset may only contain a subset of countries and years included in its primary Output Unit.

#### **Additional information:**

This translation covers Sweden only as the QoG Agency-Fiscal Year Unit includes observations for Swedish agencies only.

### **5.31.4 QoG Country Unit**

**Translation Path: QoG NUTS Region-Year → QoG Country**

#### **QoG NUTS Region-Year Unit to QoG Country Unit translation**

Region-Year is translated to country by matching the most recent Region-Year observation to Country observations.

Please note that the dataset may only contain a subset of countries and years included in its primary Output Unit.

### **5.31.5 QoG Country-Year Unit**

**Translation Path: QoG NUTS Region-Year → QoG Country-Year**

#### **QoG NUTS Region-Year Unit to QoG Country-Year Unit translation**

Region-Year is translated to Country-Year by matching regional observations collected for the NUTS0 level (and thus equal to the country level) to country identifiers and year identifiers to year identifiers.

Please note that the dataset may only contain a subset of regions and years included in its primary Output Unit.

### **5.31.6 QoG EQI Perceptions Respondent ID 2017 Unit**

**Translation Path: QoG NUTS Region-Year → QoG EQI Perceptions Respondent ID 2017**

#### **QoG NUTS Region-Year Unit to QoG EQI Perceptions Respondent ID 2017 Unit translation**

Region-Year observations are matched to Region-Year observations on the country level.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that the dataset may only contain a subset of countries and years included in its primary Output Unit.

### **5.31.7 QoG EQI Respondent ID 2010-2013 Unit**

**Translation Path: QoG NUTS Region-Year → QoG EQI Respondent ID 2010-2013**

**QoG NUTS Region-Year Unit to QoG EQI Respondent ID 2010-2013 Unit translation**

Region-Year observations are matched to Region-Year observations on the country level.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that the dataset may only contain a subset of countries and years included in its primary Output Unit.

### **5.31.8 QoG EQI Respondent ID 2017 Unit**

**Translation Path: QoG NUTS Region-Year → QoG EQI Respondent ID 2017**

**QoG NUTS Region-Year Unit to QoG EQI Respondent ID 2017 Unit translation**

Region-Year observations are matched to Region-Year observations on the country level.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that the dataset may only contain a subset of countries and years included in its primary Output Unit.

### **5.31.9 QoG EQI Respondent ID 2021 Unit**

**Translation Path: QoG NUTS Region-Year → QoG EQI Respondent ID 2021**

**QoG NUTS Region-Year Unit to QoG EQI Respondent ID 2021 Unit translation**

Region-Year observations are matched to Region-Year observations on the country level.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that the dataset may only contain a subset of countries and years included in its primary Output Unit.

### **5.31.10 QoG Municipality-Year Unit**

**Translation Path: QoG NUTS Region-Year → QoG Municipality-Year**

**QoG NUTS Region-Year Unit to QoG Municipality-Year Unit translation**

Region-Year data for Sweden is matched to Municipality-Year data based on year.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

#### **Additional information:**

This translation covers Sweden only as QoG Municipality-Year includes observations for Swedish municipalities.

### **5.31.11 QoG NUTS2 Region Unit**

**Translation Path: QoG NUTS Region-Year → QoG NUTS2 Region**

#### **QoG NUTS Region-Year Unit to QoG NUTS2 Region Unit translation**

Observations for 2021 from the QoG Region Year Output Unit are matched to Country-Year.

Please note that the dataset may only contain a subset of regions and years included in its primary Output Unit.

### **5.31.12 Complab Country-Year Unit**

**Translation Path: QoG NUTS Region-Year → QoG Country-Year → Complab Country-Year**

#### **QoG NUTS Region-Year Unit to QoG Country-Year Unit translation**

Region-Year is translated to Country-Year by matching regional observations collected for the NUTS0 level (and thus equal to the country level) to country identifiers and year identifiers to year identifiers.

Please note that the dataset may only contain a subset of regions and years included in its primary Output Unit.

#### **QoG Country-Year Unit to Complab Country-Year Unit translation**

QoG Country-Year is translated to COMPLAB Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to COMPLAB identifier combinations are dropped, as data-quality for COMPLAB variables is prioritized in translations to this unit.

### **5.31.13 Demscore Country-Year Unit**

**Translation Path: QoG NUTS Region-Year → QoG Country-Year → Demscore Country-Year**

#### **QoG NUTS Region-Year Unit to QoG Country-Year Unit translation**

Region-Year is translated to Country-Year by matching regional observations collected for the NUTS0 level (and thus equal to the country level) to country identifiers and year identifiers to year identifiers.

Please note that the dataset may only contain a subset of regions and years included in its primary Output Unit.

#### **QoG Country-Year Unit to Demscore Country-Year Unit translation**

QoG Country-Year observations are matched to DEMSCORE Country-Year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to DEMSCORE identifier combinations are dropped.

### **5.31.14 H-DATA Country-Year Unit**

**Translation Path: QoG NUTS Region-Year → QoG Country-Year → H-DATA Country-Year**

#### **QoG NUTS Region-Year Unit to QoG Country-Year Unit translation**

Region-Year is translated to Country-Year by matching regional observations collected for the NUTS0 level (and thus equal to the country level) to country identifiers and year identifiers to year identifiers.

Please note that the dataset may only contain a subset of regions and years included in its primary Output Unit.

#### **QoG Country-Year Unit to H-DATA Country-Year Unit translation**

QoG Country-Year is translated to H-DATA Country-Year by matching country and year identifiers from

both Output Units.

As the QoG datasets are compiled from different sources, the exact country definitions are not always given and thus may differ from H-DATA country definitions.

H-DATA refers to historical Serbia, Yugoslavia, and modern-day Serbia as 'Serbia/Yugoslavia' while QoG includes Yugoslavia (until 1991), Serbia and Montenegro (1992- 2005) and Serbia (2006 onwards) separately.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to H-DATA identifier combinations are dropped, as data-quality for H-DATA variables is prioritized in translations to this unit.

#### **5.31.15 REPDEM Cabinet-Party Unit**

**Translation Path: QoG NUTS Region-Year → QoG Country-Year → REPDEM Cabinet-Party**

##### **QoG NUTS Region-Year Unit to QoG Country-Year Unit translation**

Region-Year is translated to Country-Year by matching regional observations collected for the NUTS0 level (and thus equal to the country level) to country identifiers and year identifiers to year identifiers.

Please note that the dataset may only contain a subset of regions and years included in its primary Output Unit.

##### **QoG Country-Year Unit to REPDEM Cabinet-Party Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

#### **5.31.16 REPDEM Country-Year Unit**

**Translation Path: QoG NUTS Region-Year → QoG Country-Year → REPDEM Country-Year**

##### **QoG NUTS Region-Year Unit to QoG Country-Year Unit translation**

Region-Year is translated to Country-Year by matching regional observations collected for the NUTS0 level (and thus equal to the country level) to country identifiers and year identifiers to year identifiers.

Please note that the dataset may only contain a subset of regions and years included in its primary Output Unit.

##### **QoG Country-Year Unit to REPDEM Country-Year Unit translation**

QoG Country-Year observations are matched to REPDEM Country-Year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to REPDEM identifier combinations are dropped, as data-quality for REPDEM variables is prioritized in translations to this unit.

#### **5.31.17 Repdem Cabinet-Date Unit**

**Translation Path: QoG NUTS Region-Year → QoG Country-Year → Repdem Cabinet-Date**

##### **QoG NUTS Region-Year Unit to QoG Country-Year Unit translation**

Region-Year is translated to Country-Year by matching regional observations collected for the NUTS0 level (and thus equal to the country level) to country identifiers and year identifiers to year identifiers.

Please note that the dataset may only contain a subset of regions and years included in its primary Output Unit.

### **QoG Country-Year Unit to Repdem Cabinet-Date Unit translation**

QoG Country-Year observations are matched to REPDEM identifiers for the final year a cabinet was in office.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to REPDEM identifier combinations are dropped, as data-quality for REPDEM variables is prioritized in this translations to this unit.

### **5.31.18 UCDP Country-Year Unit**

**Translation Path: QoG NUTS Region-Year → QoG Country-Year → UCDP Country-Year**

#### **QoG NUTS Region-Year Unit to QoG Country-Year Unit translation**

Region-Year is translated to Country-Year by matching regional observations collected for the NUTS0 level (and thus equal to the country level) to country identifiers and year identifiers to year identifiers.

Please note that the dataset may only contain a subset of regions and years included in its primary Output Unit.

#### **QoG Country-Year Unit to UCDP Country-Year Unit translation**

QoG Country-Year observations are matched to UCDP Country-Year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to UCDP identifier combinations are dropped, as data-quality for UCDP variables is prioritized in translations to this unit.

### **5.31.19 UCDP Organized Violence Country-Year Unit**

**Translation Path: QoG NUTS Region-Year → QoG Country-Year → UCDP Organized Violence Country-Year**

#### **QoG NUTS Region-Year Unit to QoG Country-Year Unit translation**

Region-Year is translated to Country-Year by matching regional observations collected for the NUTS0 level (and thus equal to the country level) to country identifiers and year identifiers to year identifiers.

Please note that the dataset may only contain a subset of regions and years included in its primary Output Unit.

#### **QoG Country-Year Unit to UCDP Organized Violence Country-Year Unit translation**

QoG Country-Year observations are matched to UCDP Country-Year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to UCDP identifier combinations are dropped, as data-quality for UCDP variables is prioritized in translations to this unit.

### **5.31.20 V-Dem Country-Year Unit**

**Translation Path: QoG NUTS Region-Year → QoG Country-Year → V-Dem Country-Year**

#### **QoG NUTS Region-Year Unit to QoG Country-Year Unit translation**

Region-Year is translated to Country-Year by matching regional observations collected for the NUTS0 level (and thus equal to the country level) to country identifiers and year identifiers to year identifiers.

Please note that the dataset may only contain a subset of regions and years included in its primary Output Unit.

#### **QoG Country-Year Unit to V-Dem Country-Year Unit translation**

QoG Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both

Output Units.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

### **5.31.21 H-DATA Dyad-Year Unit**

**Translation Path: QoG Region-Year → QoG Country-Year → H-DATA Country-Year → H-DATA Dyad-Year**

#### **QoG Country-Year Unit to H-DATA Country-Year Unit translation**

QoG Country-Year is translated to H-DATA Country-Year by matching country and year identifiers from both Output Units.

As the QoG datasets are compiled from different sources, the exact country definitions are not always given and thus may differ from H-DATA country definitions.

H-DATA refers to historical Serbia, Yugoslavia, and modern-day Serbia as 'Serbia/Yugoslavia' while QoG includes Yugoslavia (until 1991), Serbia and Montenegro (1992- 2005) and Serbia (2006 onwards) separately.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to H-DATA identifier combinations are dropped, as data-quality for H-DATA variables is prioritized in translations to this unit.

#### **H-DATA Country-Year Unit to H-DATA Dyad-Year Unit translation**

Country-Years are matched to Country-Years using the country identifier for country 1 in the dyad.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

### **5.31.22 H-DATA Minister-Date Unit**

**Translation Path: QoG NUTS Region-Year → QoG Country-Year → H-DATA Country-Year → H-DATA Minister-Date**

#### **QoG NUTS Region-Year Unit to QoG Country-Year Unit translation**

Region-Year is translated to Country-Year by matching regional observations collected for the NUTS0 level (and thus equal to the country level) to country identifiers and year identifiers to year identifiers.

Please note that the dataset may only contain a subset of regions and years included in its primary Output Unit.

#### **QoG Country-Year Unit to H-DATA Country-Year Unit translation**

QoG Country-Year is translated to H-DATA Country-Year by matching country and year identifiers from both Output Units.

As the QoG datasets are compiled from different sources, the exact country definitions are not always given and thus may differ from H-DATA country definitions.

H-DATA refers to historical Serbia, Yugoslavia, and modern-day Serbia as 'Serbia/Yugoslavia' while QoG includes Yugoslavia (until 1991), Serbia and Montenegro (1992- 2005) and Serbia (2006 onwards) separately.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to H-DATA identifier combinations are dropped, as data-quality for H-DATA variables is prioritized in translations to this unit.

#### **H-DATA Country-Year Unit to H-DATA Minister-Date Unit translation**

Country-Year observations are matched to Country-Year observations based on the final year a minister in a

country was in office.

Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

## 5.32 QoG EU Regional Dataset Wide Data (NUTS 2)

*Dataset tag:* qog\_eureg\_wide2

*Output Unit:* QoG NUTS Region-Year, i.e., data is collected per European NUTS region and year.

*Description:* The QoG EU Regional dataset is a dataset consisting of more than 300 variables covering three levels of European regions - Nomenclature of Territorial Units for Statistics (NUTS): NUTS0 (country), NUTS1 (major socio-economic regions) and NUTS2 (basic regions for the application of regional policies).

The QoG Regional Data is presented in three different forms available in separate datasets. The variables are the same across all three datasets besides a varying suffix (`_nuts0`, `_nuts1`, `_nuts2`) indicating which NUTS level is represented.

All datasets are available in time-series format. The first one (The QoG Regional Data - Long Form) is a dataset where data is presented in the long form. The list of units of analysis contains regions of all NUTS levels.

Two other datasets are presented in the wide form for multilevel analysis. In the second dataset (The QoG Regional Data - Wide Form NUTS1) includes NUTS1 level as the unit of analysis and variables represent the values for this level and corresponding lower level – NUTS0. As an example, in this dataset the data is presented only for East Sweden (Ostra Sverige SE1), as a unit of analysis and has values for lower levels of this region - Sweden (SE).

In the third dataset (The QoG Regional Data - Wide Form NUTS2) the unit of analysis is NUTS2 level regions and variables provide values as for every unit of analysis, as well as for corresponding lower NUTS levels: NUTS1 and NUTS0. One example of unit of analysis in this dataset is Stockholm (SE11) and data for every variable will be for Stockholm, as well as for lower level regions - East Sweden (Ostra Sverige SE1) and Sweden (SE).

*Dataset citation:* When using QoG EU Regional data, make sure to cite both the original source and our publication:

Charron, Nicholas, Stefan Dahlberg, Aksel Sundström, Sören Holmberg, Bo Rothstein, Natalia Alvarado Pachon, Cem Mert Dalli. 2020. The Quality of Government EU Regional Dataset, version Nov20. University of Gothenburg: The Quality of Government Institute, <https://www.gu.se/en/quality-government>

*License:* The QoG datasets are open and available, free of charge and without a need to register your data. You can use them for your analysis, graphs, teaching, and other academic-related and non-commercial purposes. We ask our users to cite always the original source(s) of the data and our datasets.

We do not allow other uses of these data including but not limited to redistribution, commercialization and other for-profit usage. If a user is interested in such use or has doubts about the license, they will have to refer to the original source and check with them if this is allowed and what requirements they need to fulfill.

Be mindful that the original data sources are the only owners of their data and they can adjust their license without previous warning.

More detailed information on the dataset can be found at the following web page: <https://www.gu.se/en/quality-government/qog-data/data-downloads/eu-regional-dataset>

**Unit Notes:** The unit for this dataset is a combination of a NUTS region and a year. This means that every row in the dataset can be identified through a combination of region and year. The unit can be expressed using the columns `region_code` and `year`. The unit can also be expressed through a combination of the columns `nuts0`, `nuts2` and `year`.

### 5.32.1 QoG NUTS Region-Year Unit

**Translation Path: QoG NUTS Region-Year (Primary Output Unit)**

QoG NUTS Region-Year is the primary unit.

**Additional information:**

The spelling of NUTS0 region names is adjusted to match the region names to country names: instead of capital letters only now in normal writing language (first letter upper case, the rest lower case).



### **5.32.2 QoG Agency-Agency Instruction Unit**

**Translation Path: QoG NUTS Region-Year → QoG Agency-Fiscal Year → QoG Agency-Agency Instruction**

#### **QoG NUTS Region-Year Unit to QoG Agency-Fiscal Year Unit translation**

Region-Year data for Sweden is matched to Agency-Year data based on the agency year.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that the dataset may only contain a subset of countries and years included in its primary Output Unit.

#### **QoG Agency-Fiscal Year Unit to QoG Agency-Agency Instruction Unit translation**

Agency IDs are matched to Agency IDs.

### **5.32.3 QoG Agency-Fiscal Year Unit**

**Translation Path: QoG NUTS Region-Year → QoG Agency-Fiscal Year**

#### **QoG NUTS Region-Year Unit to QoG Agency-Fiscal Year Unit translation**

Region-Year data for Sweden is matched to Agency-Year data based on the agency year.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that the dataset may only contain a subset of countries and years included in its primary Output Unit.

#### **Additional information:**

This translation covers Sweden only as the QoG Agency-Fiscal Year Unit includes observations for Swedish agencies only.

### **5.32.4 QoG Country Unit**

**Translation Path: QoG NUTS Region-Year → QoG Country**

#### **QoG NUTS Region-Year Unit to QoG Country Unit translation**

Region-Year is translated to country by matching the most recent Region-Year observation to Country observations.

Please note that the dataset may only contain a subset of countries and years included in its primary Output Unit.

### **5.32.5 QoG Country-Year Unit**

**Translation Path: QoG NUTS Region-Year → QoG Country-Year**

#### **QoG NUTS Region-Year Unit to QoG Country-Year Unit translation**

Region-Year is translated to Country-Year by matching regional observations collected for the NUTS0 level (and thus equal to the country level) to country identifiers and year identifiers to year identifiers.

Please note that the dataset may only contain a subset of regions and years included in its primary Output Unit.

### **5.32.6 QoG EQI Perceptions Respondent ID 2017 Unit**

**Translation Path: QoG NUTS Region-Year → QoG EQI Perceptions Respondent ID 2017**

#### **QoG NUTS Region-Year Unit to QoG EQI Perceptions Respondent ID 2017 Unit translation**

Region-Year observations are matched to Region-Year observations on the country level.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that the dataset may only contain a subset of countries and years included in its primary Output Unit.

### **5.32.7 QoG EQI Respondent ID 2010-2013 Unit**

**Translation Path: QoG NUTS Region-Year → QoG EQI Respondent ID 2010-2013**

**QoG NUTS Region-Year Unit to QoG EQI Respondent ID 2010-2013 Unit translation**

Region-Year observations are matched to Region-Year observations on the country level.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that the dataset may only contain a subset of countries and years included in its primary Output Unit.

### **5.32.8 QoG EQI Respondent ID 2017 Unit**

**Translation Path: QoG NUTS Region-Year → QoG EQI Respondent ID 2017**

**QoG NUTS Region-Year Unit to QoG EQI Respondent ID 2017 Unit translation**

Region-Year observations are matched to Region-Year observations on the country level.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that the dataset may only contain a subset of countries and years included in its primary Output Unit.

### **5.32.9 QoG EQI Respondent ID 2021 Unit**

**Translation Path: QoG NUTS Region-Year → QoG EQI Respondent ID 2021**

**QoG NUTS Region-Year Unit to QoG EQI Respondent ID 2021 Unit translation**

Region-Year observations are matched to Region-Year observations on the country level.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that the dataset may only contain a subset of countries and years included in its primary Output Unit.

### **5.32.10 QoG Municipality-Year Unit**

**Translation Path: QoG NUTS Region-Year → QoG Municipality-Year**

**QoG NUTS Region-Year Unit to QoG Municipality-Year Unit translation**

Region-Year data for Sweden is matched to Municipality-Year data based on year.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

#### **Additional information:**

This translation covers Sweden only as QoG Municipality-Year includes observations for Swedish municipalities.

### **5.32.11 QoG NUTS2 Region Unit**

**Translation Path: QoG NUTS Region-Year → QoG NUTS2 Region**

**QoG NUTS Region-Year Unit to QoG NUTS2 Region Unit translation**

Observations for 2021 from the QoG Region Year Output Unit are matched to Country-Year.

Please note that the dataset may only contain a subset of regions and years included in its primary Output Unit.

### **5.32.12 Complab Country-Year Unit**

**Translation Path: QoG NUTS Region-Year → QoG Country-Year → Complab Country-Year**

**QoG NUTS Region-Year Unit to QoG Country-Year Unit translation**

Region-Year is translated to Country-Year by matching regional observations collected for the NUTS0 level (and thus equal to the country level) to country identifiers and year identifiers to year identifiers.

Please note that the dataset may only contain a subset of regions and years included in its primary Output Unit.

**QoG Country-Year Unit to Complab Country-Year Unit translation**

QoG Country-Year is translated to COMPLAB Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to COMPLAB identifier combinations are dropped, as data-quality for COMPLAB variables is prioritized in translations to this unit.

### **5.32.13 Demscore Country-Year Unit**

**Translation Path: QoG NUTS Region-Year → QoG Country-Year → Demscore Country-Year**

**QoG NUTS Region-Year Unit to QoG Country-Year Unit translation**

Region-Year is translated to Country-Year by matching regional observations collected for the NUTS0 level (and thus equal to the country level) to country identifiers and year identifiers to year identifiers.

Please note that the dataset may only contain a subset of regions and years included in its primary Output Unit.

**QoG Country-Year Unit to Demscore Country-Year Unit translation**

QoG Country-Year observations are matched to DEMSCORE Country-Year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to DEMSCORE identifier combinations are dropped.

### **5.32.14 H-DATA Country-Year Unit**

**Translation Path: QoG NUTS Region-Year → QoG Country-Year → H-DATA Country-Year**

**QoG NUTS Region-Year Unit to QoG Country-Year Unit translation**

Region-Year is translated to Country-Year by matching regional observations collected for the NUTS0 level (and thus equal to the country level) to country identifiers and year identifiers to year identifiers.

Please note that the dataset may only contain a subset of regions and years included in its primary Output Unit.

**QoG Country-Year Unit to H-DATA Country-Year Unit translation**

QoG Country-Year is translated to H-DATA Country-Year by matching country and year identifiers from

both Output Units.

As the QoG datasets are compiled from different sources, the exact country definitions are not always given and thus may differ from H-DATA country definitions.

H-DATA refers to historical Serbia, Yugoslavia, and modern-day Serbia as 'Serbia/Yugoslavia' while QoG includes Yugoslavia (until 1991), Serbia and Montenegro (1992- 2005) and Serbia (2006 onwards) separately.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to H-DATA identifier combinations are dropped, as data-quality for H-DATA variables is prioritized in translations to this unit.

#### **5.32.15 REPDEM Cabinet-Party Unit**

**Translation Path: QoG NUTS Region-Year → QoG Country-Year → REPDEM Cabinet-Party**

##### **QoG NUTS Region-Year Unit to QoG Country-Year Unit translation**

Region-Year is translated to Country-Year by matching regional observations collected for the NUTS0 level (and thus equal to the country level) to country identifiers and year identifiers to year identifiers.

Please note that the dataset may only contain a subset of regions and years included in its primary Output Unit.

##### **QoG Country-Year Unit to REPDEM Cabinet-Party Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

#### **5.32.16 REPDEM Country-Year Unit**

**Translation Path: QoG NUTS Region-Year → QoG Country-Year → REPDEM Country-Year**

##### **QoG NUTS Region-Year Unit to QoG Country-Year Unit translation**

Region-Year is translated to Country-Year by matching regional observations collected for the NUTS0 level (and thus equal to the country level) to country identifiers and year identifiers to year identifiers.

Please note that the dataset may only contain a subset of regions and years included in its primary Output Unit.

##### **QoG Country-Year Unit to REPDEM Country-Year Unit translation**

QoG Country-Year observations are matched to REPDEM Country-Year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to REPDEM identifier combinations are dropped, as data-quality for REPDEM variables is prioritized in translations to this unit.

#### **5.32.17 Repdem Cabinet-Date Unit**

**Translation Path: QoG NUTS Region-Year → QoG Country-Year → Repdem Cabinet-Date**

##### **QoG NUTS Region-Year Unit to QoG Country-Year Unit translation**

Region-Year is translated to Country-Year by matching regional observations collected for the NUTS0 level (and thus equal to the country level) to country identifiers and year identifiers to year identifiers.

Please note that the dataset may only contain a subset of regions and years included in its primary Output Unit.

### **QoG Country-Year Unit to Repdem Cabinet-Date Unit translation**

QoG Country-Year observations are matched to REPDEM identifiers for the final year a cabinet was in office.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to REPDEM identifier combinations are dropped, as data-quality for REPDEM variables is prioritized in this translations to this unit.

### **5.32.18 UCDP Country-Year Unit**

**Translation Path: QoG NUTS Region-Year → QoG Country-Year → UCDP Country-Year**

#### **QoG NUTS Region-Year Unit to QoG Country-Year Unit translation**

Region-Year is translated to Country-Year by matching regional observations collected for the NUTS0 level (and thus equal to the country level) to country identifiers and year identifiers to year identifiers.

Please note that the dataset may only contain a subset of regions and years included in its primary Output Unit.

#### **QoG Country-Year Unit to UCDP Country-Year Unit translation**

QoG Country-Year observations are matched to UCDP Country-Year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to UCDP identifier combinations are dropped, as data-quality for UCDP variables is prioritized in translations to this unit.

### **5.32.19 UCDP Organized Violence Country-Year Unit**

**Translation Path: QoG NUTS Region-Year → QoG Country-Year → UCDP Organized Violence Country-Year**

#### **QoG NUTS Region-Year Unit to QoG Country-Year Unit translation**

Region-Year is translated to Country-Year by matching regional observations collected for the NUTS0 level (and thus equal to the country level) to country identifiers and year identifiers to year identifiers.

Please note that the dataset may only contain a subset of regions and years included in its primary Output Unit.

#### **QoG Country-Year Unit to UCDP Organized Violence Country-Year Unit translation**

QoG Country-Year observations are matched to UCDP Country-Year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to UCDP identifier combinations are dropped, as data-quality for UCDP variables is prioritized in translations to this unit.

### **5.32.20 V-Dem Country-Year Unit**

**Translation Path: QoG NUTS Region-Year → QoG Country-Year → V-Dem Country-Year**

#### **QoG NUTS Region-Year Unit to QoG Country-Year Unit translation**

Region-Year is translated to Country-Year by matching regional observations collected for the NUTS0 level (and thus equal to the country level) to country identifiers and year identifiers to year identifiers.

Please note that the dataset may only contain a subset of regions and years included in its primary Output Unit.

#### **QoG Country-Year Unit to V-Dem Country-Year Unit translation**

QoG Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both

Output Units.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

### **5.32.21 H-DATA Dyad-Year Unit**

**Translation Path: QoG Region-Year → QoG Country-Year → H-DATA Country-Year → H-DATA Dyad-Year**

#### **QoG Country-Year Unit to H-DATA Country-Year Unit translation**

QoG Country-Year is translated to H-DATA Country-Year by matching country and year identifiers from both Output Units.

As the QoG datasets are compiled from different sources, the exact country definitions are not always given and thus may differ from H-DATA country definitions.

H-DATA refers to historical Serbia, Yugoslavia, and modern-day Serbia as 'Serbia/Yugoslavia' while QoG includes Yugoslavia (until 1991), Serbia and Montenegro (1992- 2005) and Serbia (2006 onwards) separately.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to H-DATA identifier combinations are dropped, as data-quality for H-DATA variables is prioritized in translations to this unit.

#### **H-DATA Country-Year Unit to H-DATA Dyad-Year Unit translation**

Country-Years are matched to Country-Years using the country identifier for country 1 in the dyad.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

### **5.32.22 H-DATA Minister-Date Unit**

**Translation Path: QoG NUTS Region-Year → QoG Country-Year → H-DATA Country-Year → H-DATA Minister-Date**

#### **QoG NUTS Region-Year Unit to QoG Country-Year Unit translation**

Region-Year is translated to Country-Year by matching regional observations collected for the NUTS0 level (and thus equal to the country level) to country identifiers and year identifiers to year identifiers.

Please note that the dataset may only contain a subset of regions and years included in its primary Output Unit.

#### **QoG Country-Year Unit to H-DATA Country-Year Unit translation**

QoG Country-Year is translated to H-DATA Country-Year by matching country and year identifiers from both Output Units.

As the QoG datasets are compiled from different sources, the exact country definitions are not always given and thus may differ from H-DATA country definitions.

H-DATA refers to historical Serbia, Yugoslavia, and modern-day Serbia as 'Serbia/Yugoslavia' while QoG includes Yugoslavia (until 1991), Serbia and Montenegro (1992- 2005) and Serbia (2006 onwards) separately.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to H-DATA identifier combinations are dropped, as data-quality for H-DATA variables is prioritized in translations to this unit.

#### **H-DATA Country-Year Unit to H-DATA Minister-Date Unit translation**

Country-Year observations are matched to Country-Year observations based on the final year a minister in a

country was in office.

Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

### 5.33 QoG Expert Survey 2020

*Dataset tag:* qog\_exp

*Output Unit:* QoG Country i.e., data is collected per country.

*Description:* The Quality of Government Expert Survey (QoG Expert Survey) is a research project aimed at documenting the organizational design of public bureaucracies and bureaucratic behavior in countries around the world. The third wave of the QoG Expert Survey covers 117 countries and is based on a web survey of 996 experts.

*Dataset citation:* Nistotskaya, Marina, Stefan Dahlberg, Carl Dahlström, Aksel Sundström, Sofia Axelsson, Cem Mert Dalli Natalia Alvarado Pachon. 2021. The Quality of Government Expert Survey 2020 Dataset: Wave III. University of Gothenburg: The Quality of Government Institute, <http://www.qog.pol.gu.se> DOI: 10.18157/qoges2020

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Be mindful that the original data sources are the only owners of their data and they can adjust their license without previous warning.

More detailed information on the dataset can be found at the following web page: <https://www.gu.se/en/quality-government/qog-data/data-downloads/qog-expert-survey>

**Unit Notes:** The unit for this dataset is a country. That means there is one row for each country in the dataset. This unit is identified using the cname column.

#### 5.33.1 QoG Country Unit

**Translation Path: QoG Country (Primary Output Unit)**

QoG Country is the primary unit.

**Additional information:**

Datasets within this Output Unit use slightly deviating country names. The country names are adjusted for the Output Unit using the naming standard as used in the QoG Standard Cross Section Dataset.

#### 5.33.2 Complab Country-Year Unit

**Translation Path: QoG Country → QoG Country-Year → Complab Country-Year**

**QoG Country Unit to QoG Country-Year Unit translation**

Country is translated to Country-Year by matching Country observations to the most recent Country-Year observations.

Please note that your selected QoG variables may only contain observations for a subset of countries included in their primary Output Unit.

**QoG Country-Year Unit to Complab Country-Year Unit translation**

QoG Country-Year is translated to COMPLAB Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to COMPLAB identifier combinations are dropped, as data-quality for COMPLAB variables is prioritized in translations to this unit.



### **5.33.3 H-DATA Country-Year Unit**

**Translation Path: QoG Country → QoG Country-Year → H-DATA Country-Year**

#### **QoG Country Unit to QoG Country-Year Unit translation**

Country is translated to Country-Year by matching Country observations to the most recent Country-Year observations.

Please note that your selected QoG variables may only contain observations for a subset of countries included in their primary Output Unit.

#### **QoG Country-Year Unit to H-DATA Country-Year Unit translation**

QoG Country-Year is translated to H-DATA Country-Year by matching country and year identifiers from both Output Units.

As the QoG datasets are compiled from different sources, the exact country definitions are not always given and thus may differ from H-DATA country definitions.

H-DATA refers to historical Serbia, Yugoslavia, and modern-day Serbia as 'Serbia/Yugoslavia' while QoG includes Yugoslavia (until 1991), Serbia and Montenegro (1992- 2005) and Serbia (2006 onwards) separately.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to H-DATA identifier combinations are dropped, as data-quality for H-DATA variables is prioritized in translations to this unit.

### **5.33.4 QoG Country-Year Unit**

**Translation Path: QoG Country → QoG Country-Year**

#### **QoG Country Unit to QoG Country-Year Unit translation**

Country is translated to Country-Year by matching Country observations to the most recent Country-Year observations.

Please note that your selected QoG variables may only contain observations for a subset of countries included in their primary Output Unit.

### **5.33.5 QoG NUTS2 Region Unit**

**Translation Path: QoG Country → QoG NUTS2 Region**

#### **QoG Country Unit to QoG NUTS2 Region Unit translation**

Country observations are translated to Region by matching Country to observations collected on the NUTS0 regional level, which is the country level.

Please note that your selected QoG variables may only contain observations for a subset of countries included in their primary Output Unit

### **5.33.6 Repdem Cabinet-Date Unit**

**Translation Path: QoG Country → QoG Country-Year → Repdem Cabinet-Date**

#### **QoG Country Unit to QoG Country-Year Unit translation**

Country is translated to Country-Year by matching Country observations to the most recent Country-Year observations.

Please note that your selected QoG variables may only contain observations for a subset of countries included in their primary Output Unit.

#### **QoG Country-Year Unit to Repdem Cabinet-Date Unit translation**

QoG Country-Year observations are matched to REPDEM identifiers for the final year a cabinet was in office.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to REPDEM identifier combinations are dropped, as data-quality for REPDEM variables is prioritized in this translations to this unit.

### **5.33.7 UCDP Event ID Unit**

**Translation Path: QoG Country → UCDP Event ID**

**QoG Country Unit to UCDP Event ID Unit translation**

NA

**Additional information:**

QoG bases their country identifiers on ISO-3166-1 standard, while UCDP uses Gleditsch and Ward. Please be aware that for this translation, we match QoG Country identifiers to the location variable in the UCDP GED Dataset.

### **5.33.8 V-Dem Country-Year Unit**

**Translation Path: QoG Country → QoG Country-Year → V-Dem Country-Year**

**QoG Country Unit to QoG Country-Year Unit translation**

Country is translated to Country-Year by matching Country observations to the most recent Country-Year observations.

Please note that your selected QoG variables may only contain observations for a subset of countries included in their primary Output Unit.

**QoG Country-Year Unit to V-Dem Country-Year Unit translation**

QoG Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

### **5.33.9 Demscore Country-Year Unit**

**Translation Path: QoG Country → QoG Country-Year → Demscore Country-Year**

**QoG Country Unit to QoG Country-Year Unit translation**

Country is translated to Country-Year by matching Country observations to the most recent Country-Year observations.

Please note that your selected QoG variables may only contain observations for a subset of countries included in their primary Output Unit.

**QoG Country-Year Unit to Demscore Country-Year Unit translation**

QoG Country-Year observations are matched to DEMSCORE Country-Year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to DEMSCORE identifier combinations are dropped.

### **5.33.10 H-DATA Minister-Date Unit**

**Translation Path: QoG Country → QoG Country-Year → H-DATA Country-Year → H-DATA Minister-Date**

### **QoG Country Unit to QoG Country-Year Unit translation**

Country is translated to Country-Year by matching Country observations to the most recent Country-Year observations.

Please note that your selected QoG variables may only contain observations for a subset of countries included in their primary Output Unit.

### **QoG Country-Year Unit to H-DATA Country-Year Unit translation**

QoG Country-Year is translated to H-DATA Country-Year by matching country and year identifiers from both Output Units.

As the QoG datasets are compiled from different sources, the exact country definitions are not always given and thus may differ from H-DATA country definitions.

H-DATA refers to historical Serbia, Yugoslavia, and modern-day Serbia as 'Serbia/Yugoslavia' while QoG includes Yugoslavia (until 1991), Serbia and Montenegro (1992- 2005) and Serbia (2006 onwards) separately.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to H-DATA identifier combinations are dropped, as data-quality for H-DATA variables is prioritized in translations to this unit.

### **H-DATA Country-Year Unit to H-DATA Minister-Date Unit translation**

Country-Year observations are matched to Country-Year observations based on the final year a minister in a country was in office.

Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

## **5.33.11 QoG Agency-Agency Instruction Unit**

**Translation Path: QoG Country → QoG Country-Year → QoG Agency-Agency Instruction**

### **QoG Country Unit to QoG Country-Year Unit translation**

Country is translated to Country-Year by matching Country observations to the most recent Country-Year observations.

Please note that your selected QoG variables may only contain observations for a subset of countries included in their primary Output Unit.

### **QoG Country-Year Unit to QoG Agency-Agency Instruction Unit translation**

Country-Year observations are matched to Country-Year observations.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit

## **5.33.12 QoG Agency-Fiscal Year Unit**

**Translation Path: QoG Country → QoG Country-Year → QoG Agency-Fiscal Year**

### **QoG Country Unit to QoG Country-Year Unit translation**

Country is translated to Country-Year by matching Country observations to the most recent Country-Year observations.

Please note that your selected QoG variables may only contain observations for a subset of countries included in their primary Output Unit.

### **QoG Country-Year Unit to QoG Agency-Fiscal Year Unit translation**

Country-Year data for Sweden is matched to Agency-Year data based on the agency year.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit

**Additional information:**

This translation covers Sweden only as the QoG Agency-Fiscal Year Unit includes observations for Swedish agencies only.

**5.33.13 QoG EQI Perceptions Respondent ID 2017 Unit**

**Translation Path: QoG Country → QoG Country-Year → QoG EQI Perceptions Respondent ID 2017**

**QoG Country Unit to QoG Country-Year Unit translation**

Country is translated to Country-Year by matching Country observations to the most recent Country-Year observations.

Please note that your selected QoG variables may only contain observations for a subset of countries included in their primary Output Unit.

**QoG Country-Year Unit to QoG EQI Perceptions Respondent ID 2017 Unit translation**

Country-Year observations are matched to Country-Year observations.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit.

**5.33.14 QoG EQI Respondent ID 2010-2013 Unit**

**Translation Path: QoG Country → QoG Country-Year → QoG EQI Respondent ID 2010-2013**

**QoG Country Unit to QoG Country-Year Unit translation**

Country is translated to Country-Year by matching Country observations to the most recent Country-Year observations.

Please note that your selected QoG variables may only contain observations for a subset of countries included in their primary Output Unit.

**QoG Country-Year Unit to QoG EQI Respondent ID 2010-2013 Unit translation**

Country-Year observations are matched to Country-Year observations.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit

**5.33.15 QoG EQI Respondent ID 2017 Unit**

**Translation Path: QoG Country → QoG Country-Year → QoG EQI Respondent ID 2017**

**QoG Country Unit to QoG Country-Year Unit translation**

Country is translated to Country-Year by matching Country observations to the most recent Country-Year observations.

Please note that your selected QoG variables may only contain observations for a subset of countries included

in their primary Output Unit.

#### **QoG Country-Year Unit to QoG EQI Respondent ID 2017 Unit translation**

QoG Country-Year observations are matched to Country-Year combinations in the Respondnet ID unit.

Identifier combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit.

#### **5.33.16 QoG EQI Respondent ID 2021 Unit**

**Translation Path: QoG Country → QoG Country-Year → QoG EQI Respondent ID 2021**

##### **QoG Country Unit to QoG Country-Year Unit translation**

Country is translated to Country-Year by matching Country observations to the most recent Country-Year observations.

Please note that your selected QoG variables may only contain observations for a subset of countries included in their primary Output Unit.

##### **QoG Country-Year Unit to QoG EQI Respondent ID 2021 Unit translation**

Country-Year observations are matched to Country-Year observations.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that the dataset may only contain a subset of countries and years included in its primary Output Unit.

#### **5.33.17 QoG Municipality-Year Unit**

**Translation Path: QoG Country → QoG Country-Year → QoG Municipality-Year**

##### **QoG Country Unit to QoG Country-Year Unit translation**

Country is translated to Country-Year by matching Country observations to the most recent Country-Year observations.

Please note that your selected QoG variables may only contain observations for a subset of countries included in their primary Output Unit.

##### **QoG Country-Year Unit to QoG Municipality-Year Unit translation**

QoG Country-Year data for Sweden is matched to Municipality-Year data based on year.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit

##### **Additional information:**

This translation covers Sweden only as QoG Municipality-Year includes observations for Swedish municipalities.

#### **5.33.18 QoG NUTS Region-Year Unit**

**Translation Path: QoG Country → QoG Country-Year → QoG NUTS Region-Year**

##### **QoG Country Unit to QoG Country-Year Unit translation**

Country is translated to Country-Year by matching Country observations to the most recent Country-Year

observations.

Please note that your selected QoG variables may only contain observations for a subset of countries included in their primary Output Unit.

#### **QoG Country-Year Unit to QoG NUTS Region-Year Unit translation**

Country-Year is translated to Region-Year by matching country observations to regional observations collected for the NUTS0 level (and thus equal to the country level) and year identifiers to year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit.

### **5.33.19 REPDEM Cabinet-Party Unit**

**Translation Path: QoG Country → QoG Country-Year → REPDEM Cabinet-Party**

#### **QoG Country Unit to QoG Country-Year Unit translation**

Country is translated to Country-Year by matching Country observations to the most recent Country-Year observations.

Please note that your selected QoG variables may only contain observations for a subset of countries included in their primary Output Unit.

#### **QoG Country-Year Unit to REPDEM Cabinet-Party Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

### **5.33.20 REPDEM Country-Year Unit**

**Translation Path: QoG Country → QoG Country-Year → REPDEM Country-Year**

#### **QoG Country Unit to QoG Country-Year Unit translation**

Country is translated to Country-Year by matching Country observations to the most recent Country-Year observations.

Please note that your selected QoG variables may only contain observations for a subset of countries included in their primary Output Unit.

#### **QoG Country-Year Unit to REPDEM Country-Year Unit translation**

QoG Country-Year observations are matched to REPDEM Country-Year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to REPDEM identifier combinations are dropped, as data-quality for REPDEM variables is prioritized in translations to this unit.

### **5.33.21 UCDP Country-Year Unit**

**Translation Path: QoG Country → QoG Country-Year → UCDP Country-Year**

#### **QoG Country Unit to QoG Country-Year Unit translation**

Country is translated to Country-Year by matching Country observations to the most recent Country-Year observations.

Please note that your selected QoG variables may only contain observations for a subset of countries included in their primary Output Unit.

### **QoG Country-Year Unit to UCDP Country-Year Unit translation**

QoG Country-Year observations are matched to UCDP Country-Year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to UCDP identifier combinations are dropped, as data-quality for UCDP variables is prioritized in translations to this unit.

### **5.33.22 UCDP Organized Violence Country-Year Unit**

**Translation Path: QoG Country → QoG Country-Year → UCDP Organized Violence Country-Year**

#### **QoG Country Unit to QoG Country-Year Unit translation**

Country is translated to Country-Year by matching Country observations to the most recent Country-Year observations.

Please note that your selected QoG variables may only contain observations for a subset of countries included in their primary Output Unit.

#### **QoG Country-Year Unit to UCDP Organized Violence Country-Year Unit translation**

QoG Country-Year observations are matched to UCDP Country-Year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to UCDP identifier combinations are dropped, as data-quality for UCDP variables is prioritized in translations to this unit.

### **5.33.23 V-Dem Country-Date Unit**

**Translation Path: QoG Country → QoG Country-Year → V-Dem Country-Year → V-Dem Country-Date**

#### **QoG Country Unit to QoG Country-Year Unit translation**

Country is translated to Country-Year by matching Country observations to the most recent Country-Year observations.

Please note that your selected QoG variables may only contain observations for a subset of countries included in their primary Output Unit.

#### **QoG Country-Year Unit to V-Dem Country-Year Unit translation**

QoG Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

#### **V-Dem Country-Year Unit to V-Dem Country-Date Unit translation**

Countries are matched to countries and Year is extracted from Dates. Country-Year observations are then matched and duplicated across Country-Years.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

## 5.34 QoG OECD Dataset Cross-Section

**Dataset tag:** qog\_oecd\_cs

**Output Unit:** QoG Country i.e., data is collected per country.

**Description:** The QoG OECD dataset consists of approximately 1300 variables from 100 data sources. The dataset includes OECD member countries and has high data coverage in terms of geography and time. In the QoG OECD CS dataset, data from and around 2019 is included. Data from 2019 is prioritized, however, if no data is available for a country for 2019, data for 2020 is included. If no data exists for 2020, data for 2018 is included, and so on up to a maximum of +/- 3 years.

**Comments:** The Demscore infrastructure only includes those variables from the OECD Cross Sectional dataset that are NOT also included in the time series dataset. This is to avoid redundancy of the data. You can download all variables from the time series dataset in the QoG Country Output Unit in Demscore if you want to conduct cross-sectional analysis.

**Dataset citation:** Teorell, Jan, Staffan Kumlin, Aksel Sundström, Sören Holmberg, Bo Rothstein, Natalia Alvarado Pachon, Cem Mert Dalli Yente Meijers. 2023. The Quality of Government OECD Dataset, version Jan23. University of Gothenburg: The Quality of Government Institute, <https://www.gu.se/en/quality-government> doi:10.18157/qogoecdjan23

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Be mindful that the original data sources are the only owners of their data and they can adjust their license without previous warning.

More detailed information on the dataset can be found at the following web page: <https://www.gu.se/en/quality-government/qog-data/data-downloads/oecd-dataset>

**Unit Notes:** The unit for this dataset is a country. That means there is one row for each country in the dataset. This unit is identified using the cname column.

### 5.34.1 QoG Country Unit

**Translation Path:** QoG Country (Primary Output Unit)

QoG Country is the primary unit.

**Additional information:**

Datasets within this Output Unit use slightly deviating country names. The country names are adjusted for the Output Unit using the naming standard as used in the QoG Standard Time Series Dataset.

### 5.34.2 QoG Country-Year Unit

**Translation Path:** QoG Country → QoG Country-Year

**QoG Country Unit to QoG Country-Year Unit translation**

Country is translated to Country-Year by matching Country observations to the most recent Country-Year observations.

Please note that your selected QoG variables may only contain observations for a subset of countries included in their primary Output Unit.



### **5.34.3 QoG NUTS2 Region Unit**

**Translation Path: QoG Country → QoG NUTS2 Region**

#### **QoG Country Unit to QoG NUTS2 Region Unit translation**

Country observations are translated to Region by matching Country to observations collected on the NUTS0 regional level, which is the country level.

Please note that your selected QoG variables may only contain observations for a subset of countries included in their primary Output Unit

### **5.34.4 Complab Country-Year Unit**

**Translation Path: QoG Country → QoG Country-Year → Complab Country-Year**

#### **QoG Country Unit to QoG Country-Year Unit translation**

Country is translated to Country-Year by matching Country observations to the most recent Country-Year observations.

Please note that your selected QoG variables may only contain observations for a subset of countries included in their primary Output Unit.

#### **QoG Country-Year Unit to Complab Country-Year Unit translation**

QoG Country-Year is translated to COMPLAB Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to COMPLAB identifier combinations are dropped, as data-quality for COMPLAB variables is prioritized in translations to this unit.

### **5.34.5 Demscore Country-Year Unit**

**Translation Path: QoG Country → QoG Country-Year → Demscore Country-Year**

#### **QoG Country Unit to QoG Country-Year Unit translation**

Country is translated to Country-Year by matching Country observations to the most recent Country-Year observations.

Please note that your selected QoG variables may only contain observations for a subset of countries included in their primary Output Unit.

#### **QoG Country-Year Unit to Demscore Country-Year Unit translation**

QoG Country-Year observations are matched to DEMSCORE Country-Year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to DEMSCORE identifier combinations are dropped.

### **5.34.6 H-DATA Country-Year Unit**

**Translation Path: QoG Country → QoG Country-Year → H-DATA Country-Year**

#### **QoG Country Unit to QoG Country-Year Unit translation**

Country is translated to Country-Year by matching Country observations to the most recent Country-Year observations.

Please note that your selected QoG variables may only contain observations for a subset of countries included in their primary Output Unit.

#### **QoG Country-Year Unit to H-DATA Country-Year Unit translation**

QoG Country-Year is translated to H-DATA Country-Year by matching country and year identifiers from both Output Units.

As the QoG datasets are compiled from different sources, the exact country definitions are not always given and thus may differ from H-DATA country definitions.

H-DATA refers to historical Serbia, Yugoslavia, and modern-day Serbia as 'Serbia/Yugoslavia' while QoG includes Yugoslavia (until 1991), Serbia and Montenegro (1992- 2005) and Serbia (2006 onwards) separately.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to H-DATA identifier combinations are dropped, as data-quality for H-DATA variables is prioritized in translations to this unit.

### **5.34.7 QoG Agency-Agency Instruction Unit**

**Translation Path: QoG Country → QoG Country-Year → QoG Agency-Agency Instruction**

#### **QoG Country Unit to QoG Country-Year Unit translation**

Country is translated to Country-Year by matching Country observations to the most recent Country-Year observations.

Please note that your selected QoG variables may only contain observations for a subset of countries included in their primary Output Unit.

#### **QoG Country-Year Unit to QoG Agency-Agency Instruction Unit translation**

Country-Year observations are matched to Country-Year observations.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit

### **5.34.8 QoG Agency-Fiscal Year Unit**

**Translation Path: QoG Country → QoG Country-Year → QoG Agency-Fiscal Year**

#### **QoG Country Unit to QoG Country-Year Unit translation**

Country is translated to Country-Year by matching Country observations to the most recent Country-Year observations.

Please note that your selected QoG variables may only contain observations for a subset of countries included in their primary Output Unit.

#### **QoG Country-Year Unit to QoG Agency-Fiscal Year Unit translation**

Country-Year data for Sweden is matched to Agency-Year data based on the agency year.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit

#### **Additional information:**

This translation covers Sweden only as the QoG Agency-Fiscal Year Unit includes observations for Swedish agencies only.

### **5.34.9 QoG EQI Perceptions Respondent ID 2017 Unit**

**Translation Path: QoG Country → QoG Country-Year → QoG EQI Perceptions Respondent ID 2017**

#### **QoG Country Unit to QoG Country-Year Unit translation**

Country is translated to Country-Year by matching Country observations to the most recent Country-Year observations.

Please note that your selected QoG variables may only contain observations for a subset of countries included in their primary Output Unit.

#### **QoG Country-Year Unit to QoG EQI Perceptions Respondent ID 2017 Unit translation**

Country-Year observations are matched to Country-Year observations.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit.

#### **5.34.10 QoG EQI Respondent ID 2010-2013 Unit**

**Translation Path: QoG Country → QoG Country-Year → QoG EQI Respondent ID 2010-2013**

##### **QoG Country Unit to QoG Country-Year Unit translation**

Country is translated to Country-Year by matching Country observations to the most recent Country-Year observations.

Please note that your selected QoG variables may only contain observations for a subset of countries included in their primary Output Unit.

##### **QoG Country-Year Unit to QoG EQI Respondent ID 2010-2013 Unit translation**

Country-Year observations are matched to Country-Year observations.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit

#### **5.34.11 QoG EQI Respondent ID 2017 Unit**

**Translation Path: QoG Country → QoG Country-Year → QoG EQI Respondent ID 2017**

##### **QoG Country Unit to QoG Country-Year Unit translation**

Country is translated to Country-Year by matching Country observations to the most recent Country-Year observations.

Please note that your selected QoG variables may only contain observations for a subset of countries included in their primary Output Unit.

##### **QoG Country-Year Unit to QoG EQI Respondent ID 2017 Unit translation**

QoG Country-Year observations are matched to Country-Year combinations in the Respondnet ID unit.

Identifier combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit.

#### **5.34.12 QoG EQI Respondent ID 2021 Unit**

**Translation Path: QoG Country → QoG Country-Year → QoG EQI Respondent ID 2021**

##### **QoG Country Unit to QoG Country-Year Unit translation**

Country is translated to Country-Year by matching Country observations to the most recent Country-Year observations.

Please note that your selected QoG variables may only contain observations for a subset of countries included in their primary Output Unit.

#### **QoG Country-Year Unit to QoG EQI Respondent ID 2021 Unit translation**

Country-Year observations are matched to Country-Year observations.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that the dataset may only contain a subset of countries and years included in its primary Output Unit.

#### **5.34.13 QoG Municipality-Year Unit**

**Translation Path: QoG Country → QoG Country-Year → QoG Municipality-Year**

##### **QoG Country Unit to QoG Country-Year Unit translation**

Country is translated to Country-Year by matching Country observations to the most recent Country-Year observations.

Please note that your selected QoG variables may only contain observations for a subset of countries included in their primary Output Unit.

##### **QoG Country-Year Unit to QoG Municipality-Year Unit translation**

QoG Country-Year data for Sweden is matched to Municipality-Year data based on year.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit

##### **Additional information:**

This translation covers Sweden only as QoG Municipality-Year includes observations for Swedish municipalities.

#### **5.34.14 QoG NUTS Region-Year Unit**

**Translation Path: QoG Country → QoG Country-Year → QoG NUTS Region-Year**

##### **QoG Country Unit to QoG Country-Year Unit translation**

Country is translated to Country-Year by matching Country observations to the most recent Country-Year observations.

Please note that your selected QoG variables may only contain observations for a subset of countries included in their primary Output Unit.

##### **QoG Country-Year Unit to QoG NUTS Region-Year Unit translation**

Country-Year is translated to Region-Year by matching country observations to regional observations collected for the NUTS0 level (and thus equal to the country level) and year identifiers to year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit.

#### **5.34.15 REPDEM Cabinet-Party Unit**

**Translation Path: QoG Country → QoG Country-Year → REPDEM Cabinet-Party**

##### **QoG Country Unit to QoG Country-Year Unit translation**

Country is translated to Country-Year by matching Country observations to the most recent Country-Year observations.

Please note that your selected QoG variables may only contain observations for a subset of countries included in their primary Output Unit.

#### **QoG Country-Year Unit to REPDEM Cabinet-Party Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

### **5.34.16 REPDEM Country-Year Unit**

**Translation Path: QoG Country → QoG Country-Year → REPDEM Country-Year**

#### **QoG Country Unit to QoG Country-Year Unit translation**

Country is translated to Country-Year by matching Country observations to the most recent Country-Year observations.

Please note that your selected QoG variables may only contain observations for a subset of countries included in their primary Output Unit.

#### **QoG Country-Year Unit to REPDEM Country-Year Unit translation**

QoG Country-Year observations are matched to REPDEM Country-Year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to REPDEM identifier combinations are dropped, as data-quality for REPDEM variables is prioritized in translations to this unit.

### **5.34.17 Repdem Cabinet-Date Unit**

**Translation Path: QoG Country → QoG Country-Year → Repdem Cabinet-Date**

#### **QoG Country Unit to QoG Country-Year Unit translation**

Country is translated to Country-Year by matching Country observations to the most recent Country-Year observations.

Please note that your selected QoG variables may only contain observations for a subset of countries included in their primary Output Unit.

#### **QoG Country-Year Unit to Repdem Cabinet-Date Unit translation**

QoG Country-Year observations are matched to REPDEM identifiers for the final year a cabinet was in office.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to REPDEM identifier combinations are dropped, as data-quality for REPDEM variables is prioritized in this translations to this unit.

### **5.34.18 UCDP Country-Year Unit**

**Translation Path: QoG Country → QoG Country-Year → UCDP Country-Year**

#### **QoG Country Unit to QoG Country-Year Unit translation**

Country is translated to Country-Year by matching Country observations to the most recent Country-Year observations.

Please note that your selected QoG variables may only contain observations for a subset of countries included

in their primary Output Unit.

#### **QoG Country-Year Unit to UCDP Country-Year Unit translation**

QoG Country-Year observations are matched to UCDP Country-Year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to UCDP identifier combinations are dropped, as data-quality for UCDP variables is prioritized in translations to this unit.

#### **5.34.19 UCDP Event ID Unit**

**Translation Path: QoG Country → UCDP Event ID**

#### **QoG Country Unit to UCDP Event ID Unit translation**

NA

#### **5.34.20 UCDP Organized Violence Country-Year Unit**

**Translation Path: QoG Country → QoG Country-Year → UCDP Organized Violence Country-Year**

#### **QoG Country Unit to QoG Country-Year Unit translation**

Country is translated to Country-Year by matching Country observations to the most recent Country-Year observations.

Please note that your selected QoG variables may only contain observations for a subset of countries included in their primary Output Unit.

#### **QoG Country-Year Unit to UCDP Organized Violence Country-Year Unit translation**

QoG Country-Year observations are matched to UCDP Country-Year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to UCDP identifier combinations are dropped, as data-quality for UCDP variables is prioritized in translations to this unit.

#### **5.34.21 V-Dem Country-Year Unit**

**Translation Path: QoG Country → QoG Country-Year → V-Dem Country-Year**

#### **QoG Country Unit to QoG Country-Year Unit translation**

Country is translated to Country-Year by matching Country observations to the most recent Country-Year observations.

Please note that your selected QoG variables may only contain observations for a subset of countries included in their primary Output Unit.

#### **QoG Country-Year Unit to V-Dem Country-Year Unit translation**

QoG Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

### **5.34.22 H-DATA Minister-Date Unit**

**Translation Path: QoG Country → QoG Country-Year → H-DATA Country-Year → H-DATA Minister-Date**

#### **QoG Country Unit to QoG Country-Year Unit translation**

Country is translated to Country-Year by matching Country observations to the most recent Country-Year observations.

Please note that your selected QoG variables may only contain observations for a subset of countries included in their primary Output Unit.

#### **QoG Country-Year Unit to H-DATA Country-Year Unit translation**

QoG Country-Year is translated to H-DATA Country-Year by matching country and year identifiers from both Output Units.

As the QoG datasets are compiled from different sources, the exact country definitions are not always given and thus may differ from H-DATA country definitions.

H-DATA refers to historical Serbia, Yugoslavia, and modern-day Serbia as 'Serbia/Yugoslavia' while QoG includes Yugoslavia (until 1991), Serbia and Montenegro (1992- 2005) and Serbia (2006 onwards) separately.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to H-DATA identifier combinations are dropped, as data-quality for H-DATA variables is prioritized in translations to this unit.

#### **H-DATA Country-Year Unit to H-DATA Minister-Date Unit translation**

Country-Year observations are matched to Country-Year observations based on the final year a minister in a country was in office.

Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

### **5.34.23 V-Dem Country-Date Unit**

**Translation Path: QoG Country → QoG Country-Year → V-Dem Country-Year → V-Dem Country-Date**

#### **QoG Country Unit to QoG Country-Year Unit translation**

Country is translated to Country-Year by matching Country observations to the most recent Country-Year observations.

Please note that your selected QoG variables may only contain observations for a subset of countries included in their primary Output Unit.

#### **QoG Country-Year Unit to V-Dem Country-Year Unit translation**

QoG Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

#### **V-Dem Country-Year Unit to V-Dem Country-Date Unit translation**

Countries are matched to countries and Year is extracted from Dates. Country-Year observations are then matched and duplicated across Country-Years.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

## 5.35 QoG OECD Dataset Time-Series

*Dataset tag:* qog\_oecd\_ts

*Output Unit:* QoG Country-Year, i.e., data is collected per country and year.

*Description:* The QoG OECD dataset consists of approximately 1300 variables from 100 data sources. The dataset includes OECD member countries and has high data coverage in terms of geography and time. In the QoG OECD TS dataset, data from 1946 to 2022 is included and the unit of analysis is country-year (e.g., Sweden-1946, Sweden-1947, etc.).

*Dataset citation:* Teorell, Jan, Staffan Kumlin, Aksel Sundström, Sören Holmberg, Bo Rothstein, Natalia Alvarado Pachon, Cem Mert Dalli Yente Meijers. 2023. The Quality of Government OECD Dataset, version Jan23. University of Gothenburg: The Quality of Government Institute, <https://www.gu.se/en/quality-government> doi:10.18157/qogoecdjan23

*License:* The QoG datasets are open and available, free of charge and without a need to register your data. You can use them for your analysis, graphs, teaching, and other academic-related and non-commercial purposes. We ask our users to cite always the original source(s) of the data and our datasets.

We do not allow other uses of these data including but not limited to redistribution, commercialization and other for-profit usage. If a user is interested in such use or has doubts about the license, they will have to refer to the original source and check with them if this is allowed and what requirements they need to fulfill.

Be mindful that the original data sources are the only owners of their data and they can adjust their license without previous warning.

More detailed information on the dataset can be found at the following web page: <https://www.gu.se/en/quality-government/qog-data/data-downloads/oecd-dataset>

**Unit Notes:** The unit for this dataset is a country and year. That means there is one row for each combination of country and year in the dataset. This unit is identified using the cname column and the year column.

### 5.35.1 QoG Country-Year Unit

**Translation Path: QoG Country-Year (Primary Output Unit)**

QoG Country-Year is the primary unit.

**Additional information:**

Datasets within this Output Unit use slightly deviating country names. The country names are adjusted for the Output Unit using the naming standard as used in the QoG Standard Time Series Dataset.

### 5.35.2 Complab Country-Year Unit

**Translation Path: QoG Country-Year → Complab Country-Year**

**QoG Country-Year Unit to Complab Country-Year Unit translation**

QoG Country-Year is translated to COMPLAB Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to COMPLAB identifier combinations are dropped, as data-quality for COMPLAB variables is prioritized in translations to this unit.

### 5.35.3 Complab Country-Year-Policy Unit

**Translation Path: QoG Country-Year → Complab Country-Year-Policy**

**QoG Country-Year Unit to Complab Country-Year-Policy Unit translation**



Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

#### **5.35.4 Demscore Country-Year Unit**

**Translation Path: QoG Country-Year → Demscore Country-Year**

##### **QoG Country-Year Unit to Demscore Country-Year Unit translation**

QoG Country-Year observations are matched to DEMSCORE Country-Year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to DEMSCORE identifier combinations are dropped.

#### **5.35.5 H-DATA Country-Year Unit**

**Translation Path: QoG Country-Year → H-DATA Country-Year**

##### **QoG Country-Year Unit to H-DATA Country-Year Unit translation**

QoG Country-Year is translated to H-DATA Country-Year by matching country and year identifiers from both Output Units.

As the QoG datasets are compiled from different sources, the exact country definitions are not always given and thus may differ from H-DATA country definitions.

H-DATA refers to historical Serbia, Yugoslavia, and modern-day Serbia as 'Serbia/Yugoslavia' while QoG includes Yugoslavia (until 1991), Serbia and Montenegro (1992- 2005) and Serbia (2006 onwards) separately.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to H-DATA identifier combinations are dropped, as data-quality for H-DATA variables is prioritized in translations to this unit.

#### **5.35.6 QoG Agency-Agency Instruction Unit**

**Translation Path: QoG Country-Year → QoG Agency-Agency Instruction**

##### **QoG Country-Year Unit to QoG Agency-Agency Instruction Unit translation**

Country-Year observations are matched to Country-Year observations.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit

#### **5.35.7 QoG Agency-Fiscal Year Unit**

**Translation Path: QoG Country-Year → QoG Agency-Fiscal Year**

##### **QoG Country-Year Unit to QoG Agency-Fiscal Year Unit translation**

Country-Year data for Sweden is matched to Agency-Year data based on the agency year.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit

**Additional information:**

This translation covers Sweden only as the QoG Agency-Fiscal Year Unit includes observations for Swedish agencies only.

**5.35.8 QoG Country Unit**

**Translation Path: QoG Country-Year → QoG Country**

**QoG Country-Year Unit to QoG Country Unit translation**

QoG Country-Year is translated to QoG Country by matching the most recent Country-Year observation to Country observations.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in the primary Output Unit.

**5.35.9 QoG EQI Perceptions Respondent ID 2017 Unit**

**Translation Path: QoG Country-Year → QoG EQI Perceptions Respondent ID 2017**

**QoG Country-Year Unit to QoG EQI Perceptions Respondent ID 2017 Unit translation**

Country-Year observations are matched to Country-Year observations.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit.

**5.35.10 QoG EQI Respondent ID 2010-2013 Unit**

**Translation Path: QoG Country-Year → QoG EQI Respondent ID 2010-2013**

**QoG Country-Year Unit to QoG EQI Respondent ID 2010-2013 Unit translation**

Country-Year observations are matched to Country-Year observations.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit

**5.35.11 QoG EQI Respondent ID 2017 Unit**

**Translation Path: QoG Country-Year → QoG EQI Respondent ID 2017**

**QoG Country-Year Unit to QoG EQI Respondent ID 2017 Unit translation**

QoG Country-Year observations are matched to Country-Year combinations in the Respondnet ID unit.

Identifier ombinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit.

**5.35.12 QoG EQI Respondent ID 2021 Unit**

**Translation Path: QoG Country-Year → QoG EQI Respondent ID 2021**

**QoG Country-Year Unit to QoG EQI Respondent ID 2021 Unit translation**

Country-Year observations are matched to Country-Year observations.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that the dataset may only contain a subset of countries and years included in its primary Output Unit.

#### **5.35.13 QoG Municipality-Year Unit**

**Translation Path: QoG Country-Year → QoG Municipality-Year**

**QoG Country-Year Unit to QoG Municipality-Year Unit translation**

QoG Country-Year data for Sweden is matched to Municipality-Year data based on year.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit

#### **Additional information:**

This translation covers Sweden only as QoG Municipality-Year includes observations for Swedish municipalities.

#### **5.35.14 QoG NUTS Region-Year Unit**

**Translation Path: QoG Country-Year → QoG NUTS Region-Year**

**QoG Country-Year Unit to QoG NUTS Region-Year Unit translation**

Country-Year is translated to Region-Year by matching country observations to regional observations collected for the NUTS0 level (and thus equal to the country level) and year identifiers to year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit.

#### **5.35.15 QoG NUTS2 Region Unit**

**Translation Path: QoG Country-Year → QoG NUTS2 Region**

**QoG Country-Year Unit to QoG NUTS2 Region Unit translation**

Country-Year observations are translated to Region by matching observations from the latest Country-Year to observations collected on the NUTS0 regional level, which is the country level.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit

#### **5.35.16 REPDEM Cabinet-Party Unit**

**Translation Path: QoG Country-Year → REPDEM Cabinet-Party**

**QoG Country-Year Unit to REPDEM Cabinet-Party Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

#### **5.35.17 REPDEM Country-Year Unit**

**Translation Path: QoG Country-Year → REPDEM Country-Year**

### **QoG Country-Year Unit to REPDEM Country-Year Unit translation**

QoG Country-Year observations are matched to REPDEM Country-Year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to REPDEM identifier combinations are dropped, as data-quality for REPDEM variables is prioritized in translations to this unit.

### **5.35.18 Repdem Cabinet-Date Unit**

**Translation Path: QoG Country-Year → Repdem Cabinet-Date**

#### **QoG Country-Year Unit to Repdem Cabinet-Date Unit translation**

QoG Country-Year observations are matched to REPDEM identifiers for the final year a cabinet was in office.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to REPDEM identifier combinations are dropped, as data-quality for REPDEM variables is prioritized in this translations to this unit.

### **5.35.19 UCDP Country-Year Unit**

**Translation Path: QoG Country-Year → UCDP Country-Year**

#### **QoG Country-Year Unit to UCDP Country-Year Unit translation**

QoG Country-Year observations are matched to UCDP Country-Year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to UCDP identifier combinations are dropped, as data-quality for UCDP variables is prioritized in translations to this unit.

#### **Additional information:**

QoG bases their country identifiers on ISO-3166-1 standard, while UCDP uses Gleditsch and Ward. We match countries based on the numeric Gleditsch and Ward country identifiers in UCDP and the numeric Correlates of War country identifiers in QoG. For the two cases thes country identifiers differ (Germany and Yemen), we match them together nontheless by adjusting the CoW identifier in QoG to the GW identifier from UCDP.

### **5.35.20 UCDP Event ID Unit**

**Translation Path: QoG Country-Year → UCDP Event ID**

#### **QoG Country-Year Unit to UCDP Event ID Unit translation**

QoG Country-Year is translated to UCDP Event IDs by matching country and year identifiers from both Output Units. QoG Country-Year combinations are duplicated across all events that occurred within a UCDP Country-Year combination in the Event ID unit, and combinations from QoG that do not exist in UCDP are dropped.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit.

#### **Additional information:**

QoG bases their country identifiers on ISO-3166-1 standard, while UCDP uses Gleditsch and Ward. Please be aware that for this translation, we match QoG Country identifiers to the location variable in the UCDP GED Dataset.

### **5.35.21 UCDP Organized Violence Country-Year Unit**

**Translation Path: QoG Country-Year → UCDP Organized Violence Country-Year**

## **QoG Country-Year Unit to UCDP Organized Violence Country-Year Unit translation**

QoG Country-Year observations are matched to UCDP Country-Year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to UCDP identifier combinations are dropped, as data-quality for UCDP variables is prioritized in translations to this unit.

### **Additional information:**

QoG bases their country identifiers on ISO-3166-1 standard, while UCDP uses Gleditsch and Ward. We match countries based on the numeric Gleditsch and Ward country identifiers in UCDP and the numeric Correlates of War country identifiers in QoG. For the two cases the country identifiers differ (Germany and Yemen), we match them together nonetheless by adjusting the CoW identifier in QoG to the GW identifier from UCDP.

## **5.35.22 V-Dem Country-Year Unit**

**Translation Path: QoG Country-Year → V-Dem Country-Year**

### **QoG Country-Year Unit to V-Dem Country-Year Unit translation**

QoG Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

## **5.35.23 Complab Country-Year-Track Unit**

**Translation Path: QoG Country-Year → Complab Country-Year → Complab Country-Year-Track**

### **QoG Country-Year Unit to Complab Country-Year Unit translation**

QoG Country-Year is translated to COMPLAB Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to COMPLAB identifier combinations are dropped, as data-quality for COMPLAB variables is prioritized in translations to this unit.

### **Complab Country-Year Unit to Complab Country-Year-Track Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

## **5.35.24 H-DATA Dyad-Year Unit**

**Translation Path: QoG Country-Year → H-DATA Country-Year → H-DATA Dyad-Year**

### **QoG Country-Year Unit to H-DATA Country-Year Unit translation**

QoG Country-Year is translated to H-DATA Country-Year by matching country and year identifiers from both Output Units.

As the QoG datasets are compiled from different sources, the exact country definitions are not always given and thus may differ from H-DATA country definitions.

H-DATA refers to historical Serbia, Yugoslavia, and modern-day Serbia as 'Serbia/Yugoslavia' while QoG includes Yugoslavia (until 1991), Serbia and Montenegro (1992- 2005) and Serbia (2006 onwards) separately.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to H-DATA identifier combinations are dropped, as data-quality for H-DATA variables is prioritized in translations to this unit.

#### **H-DATA Country-Year Unit to H-DATA Dyad-Year Unit translation**

Country-Years are matched to Country-Years using the country identifier for country 1 in the dyad.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

#### **5.35.25 H-DATA Minister-Date Unit**

**Translation Path: QoG Country-Year → H-DATA Country-Year → H-DATA Minister-Date**

##### **QoG Country-Year Unit to H-DATA Country-Year Unit translation**

QoG Country-Year is translated to H-DATA Country-Year by matching country and year identifiers from both Output Units.

As the QoG datasets are compiled from different sources, the exact country definitions are not always given and thus may differ from H-DATA country definitions.

H-DATA refers to historical Serbia, Yugoslavia, and modern-day Serbia as 'Serbia/Yugoslavia' while QoG includes Yugoslavia (until 1991), Serbia and Montenegro (1992- 2005) and Serbia (2006 onwards) separately.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to H-DATA identifier combinations are dropped, as data-quality for H-DATA variables is prioritized in translations to this unit.

##### **H-DATA Country-Year Unit to H-DATA Minister-Date Unit translation**

Country-Year observations are matched to Country-Year observations based on the final year a minister in a country was in office.

Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

#### **5.35.26 V-Dem Country-Date Unit**

**Translation Path: QoG Country-Year → V-Dem Country-Year → V-Dem Country-Date**

##### **QoG Country-Year Unit to V-Dem Country-Year Unit translation**

QoG Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

##### **V-Dem Country-Year Unit to V-Dem Country-Date Unit translation**

Countries are matched to countries and Year is extracted from Dates. Country-Year observations are then matched and duplicated across Country-Years.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

### **5.35.27 V-Dem Party-Country-Year Unit**

**Translation Path:** QoG Country-Year → V-Dem Country-Year → V-Dem Party-Country-Year

#### **QoG Country-Year Unit to V-Dem Country-Year Unit translation**

QoG Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

#### **V-Dem Country-Year Unit to V-Dem Party-Country-Year Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

### **5.35.28 V-Dem Country-Date-Coder Unit**

**Translation Path:** QoG Country-Year → V-Dem Country-Year → V-Dem Country-Date → V-Dem Country-Date-Coder

#### **QoG Country-Year Unit to V-Dem Country-Year Unit translation**

QoG Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

#### **V-Dem Country-Year Unit to V-Dem Country-Date Unit translation**

Countries are matched to countries and Year is extracted from Dates. Country-Year observations are then matched and duplicated across Country-Years.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

#### **V-Dem Country-Date Unit to V-Dem Country-Date-Coder Unit translation**

Country-Dates are matched to Country-Dates. Country-Date combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit.

### **5.35.29 V-Dem Party-Date-Coder Unit**

**Translation Path:** QoG Country-Year → V-Dem Country-Year → V-Dem Party-Country-Year → V-Dem Party-Date-Coder

#### **QoG Country-Year Unit to V-Dem Country-Year Unit translation**

QoG Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

#### **V-Dem Country-Year Unit to V-Dem Party-Country-Year Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

#### **V-Dem Party-Country-Year Unit to V-Dem Party-Date-Coder Unit translation**

Year is extracted from date. Country-, year- and party identifiers are matched to corresponding country-year-party combinations. Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit.



## 5.36 QoG PERCEIVE Survey Dataset

**Dataset tag:** qog\_perceive\_survey17

**Output Unit:** QoG EQI Perceive Respondent ID 2017, i.e., data is collected per respondent in this survey round.

**Description:** The PERCEIVE original survey is intended to help researchers better understand the micro and macro-level dynamics that drive support (or lack thereof) of EU regional policies.

The survey includes over 35 substantive questions as well as seven demographic and background questions of the respondent. Each respondent is geo-coded at the NUTS 1, NUTS 2, and NUTS 3 levels. The survey questionnaire was originally written by scholars at the University of Gothenburg, Nicholas Charron, and Monika Bauhr, with help and feedback from various PERCEIVE partners. The fieldwork was conducted during the summer of 2017 by an international survey firm and the results were returned to the University of Gothenburg in September, 2017.

**Dataset citation:** Bauhr, Monika and Nicholas Charron. 2019. “The EU as a Savior and a Saint? Corruption and Public Support for Redistribution.” *Journal of European Public Policy* 0 (0): 1–19. <https://doi.org/10.1080/13501763.2019.1>

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More detailed information on the dataset can be found at the following web page: <https://www.gu.se/en/quality-government/qog-data/data-downloads/perceive-survey-dataset>

**Unit Notes:** The unit for this dataset is a respondent. That means each row in the dataset can be identified by a respondent ID. The unit is expressed in the column id.

### 5.36.1 QoG EQI Perceptions Respondent ID 2017 Unit

**Translation Path:** QoG EQI Perceptions Respondent ID 2017 (Primary Output Unit)

QoG EQI Perceptions Respondent ID 2017 is the primary unit.

## 5.37 QoG Politics, Institutions and Services in Swedish Municipalities

*Dataset tag:* qog\_pol\_mun

*Output Unit:* QoG Municipality-Year, i.e., data is collected per municipality and year.

*Description:* This dataset consists of all the 290 Swedish municipalities between 1980 and 2015. The dataset contains, for example, information about the population in the municipality; information about welfare services, such as education and elder care; citizens satisfaction with services; election results; political organization; the municipal economy; and other information.

*Dataset citation:* Dahlström, Carl Maria Tyrberg (2016). Politics, Institutions and Services in Swedish Municipalities, 1980-2015, version 01April2016. University of Gothenburg: The Quality of Government Institute, <https://www.gu.se/en/quality-government>

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More detailed information on the dataset can be found at the following web page: <https://www.gu.se/en/quality-government/qog-data/data-downloads/politics-institutions-and-services-in-swedish-municipalities>

**Unit Notes:** The unit for this dataset is a Swedish municipality and year. That means there is one row for each combination of Swedish municipality and year in the dataset. This unit is identified using the municipality column and the year column.

### 5.37.1 QoG Municipality-Year Unit

**Translation Path: QoG Municipality-Year (Primary Output Unit)**

QoG Municipality-Year is the primary unit.

## 5.38 QoG Swedish Agency Database Budget Data

*Dataset tag:* qog\_qad\_bud

*Output Unit:* QoG Agency-Fiscal Year, i.e., data is collected per Swedish agency and fiscal year.

*Description:* This database consists of a comprehensive sample of administrative agencies in the Swedish executive bureaucracy between 1960 and 2014. The database is constituted by three distinct datasets: one that focuses on an agency's formal instruction; one that focuses on an agency's head; and one that focuses on an agency's budget. Note that each dataset has its own unit of analysis. The agency's head data can be found at SND, but is not included in DEMSCORE.

*Dataset citation:* Dahlström, Carl, Mikael Holmgren, Christian Björkdahl, Kersti Hazell, Anna Khomenko, Richard Svensson, and Pär Åberg. 2018. "Swedish Administrative Agencies, 1960-2014." University of Gothenburg: The Quality of Government Institute.

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Be mindful that the original data sources are the only owners of their data and they can adjust their license without previous warning.

More detailed information on the dataset can be found at the following web page: <https://www.gu.se/en/quality-government/qog-data/data-downloads/qog-swedish-agency-database>

**Unit Notes:** The unit for this dataset is a Swedish agency and a fiscal year. That means there is one row for each combination of a Swedish agency and fiscal year in the dataset. This unit is identified using the `agency_id` and the `agency_fy` column.

We also add the agency name (`agency_name` column) to the unit table for a better understanding of the agency ids.

### 5.38.1 QoG Agency-Fiscal Year Unit

**Translation Path: QoG Agency-Fiscal Year (Primary Output Unit)**

QoG Agency-Fiscal Year is the primary unit.

### 5.38.2 QoG Agency-Agency Instruction Unit

**Translation Path: QoG Agency-Agency Instruction → QoG Agency-Fiscal Year**

**QoG Agency-Agency Instruction Unit to QoG Agency-Fiscal Year Unit translation**

Agency IDs are matched to Agency IDs.

### 5.38.3 QoG Country-Year Unit

**Translation Path: QoG Agency-Fiscal Year → QoG Country-Year**

**QoG Agency-Fiscal Year Unit to QoG Country-Year Unit translation**

Agency-Year observations are aggregated to a year level by calculating the sum per year when applicable to a variable.

**Additional information:**

Variables that are aggregated to the Country-Year level are: `budget_ibudget`, `budget_fbudget`, `budget_obudget`, `budget_amend`, `budget_withdr`, `budget_reserv`, `budget_overrun`, `budget_overrunef`, `budget_overrunsb`, `budget_saving`, `budget_savingef`, `budget_savingsb`, `budget_credit`

#### **5.38.4 Demscore Country-Year Unit**

**Translation Path: QoG Agency-Fiscal Year → QoG Country-Year → Demscore Country-Year**

##### **QoG Agency-Fiscal Year Unit to QoG Country-Year Unit translation**

Agency-Year observations are aggregated to a year level by calculating the sum per year when applicable to a variable.

##### **QoG Country-Year Unit to Demscore Country-Year Unit translation**

QoG Country-Year observations are matched to DEMSCORE Country-Year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to DEMSCORE identifier combinations are dropped.

#### **5.38.5 QoG Country Unit**

**Translation Path: QoG Agency-Fiscal Year → QoG Country-Year → QoG Country**

##### **QoG Agency-Fiscal Year Unit to QoG Country-Year Unit translation**

Agency-Year observations are aggregated to a year level by calculating the sum per year when applicable to a variable.

##### **QoG Country-Year Unit to QoG Country Unit translation**

QoG Country-Year is translated to QoG Country by matching the most recent Country-Year observation to Country observations.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in the primary Output Unit.

##### **Additional information:**

Variables that are aggregated to the Country-Year level are: budget\_ibudget, budget\_fbudget, budget\_obudget, budget\_amend, budget\_withdr, budget\_reserv, budget\_overrun, budget\_overrunef, budget\_overrunsb, budget\_saving, budget\_savingef, budget\_savingsb, budget\_credit

#### **5.38.6 QoG EQI Perceptions Respondent ID 2017 Unit**

**Translation Path: QoG Agency-Fiscal Year → QoG Country-Year → QoG EQI Perceptions Respondent ID 2017**

##### **QoG Agency-Fiscal Year Unit to QoG Country-Year Unit translation**

Agency-Year observations are aggregated to a year level by calculating the sum per year when applicable to a variable.

##### **QoG Country-Year Unit to QoG EQI Perceptions Respondent ID 2017 Unit translation**

Country-Year observations are matched to Country-Year observations.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit.

#### **5.38.7 QoG EQI Respondent ID 2010-2013 Unit**

**Translation Path: QoG Agency-Fiscal Year → QoG Country-Year → QoG EQI Respondent ID 2010-2013**

##### **QoG Agency-Fiscal Year Unit to QoG Country-Year Unit translation**

Agency-Year observations are aggregated to a year level by calculating the sum per year when applicable to

a variable.

#### **QoG Country-Year Unit to QoG EQI Respondent ID 2010-2013 Unit translation**

Country-Year observations are matched to Country-Year observations.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit

#### **5.38.8 QoG EQI Respondent ID 2017 Unit**

**Translation Path: QoG Agency-Fiscal Year → QoG Country-Year → QoG EQI Respondent ID 2017**

##### **QoG Agency-Fiscal Year Unit to QoG Country-Year Unit translation**

Agency-Year observations are aggregated to a year level by calculating the sum per year when applicable to a variable.

##### **QoG Country-Year Unit to QoG EQI Respondent ID 2017 Unit translation**

QoG Country-Year observations are matched to Country-Year combinations in the Respondnet ID unit.

Identifier combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit.

#### **5.38.9 QoG EQI Respondent ID 2021 Unit**

**Translation Path: QoG Agency-Fiscal Year → QoG Country-Year → QoG EQI Respondent ID 2021**

##### **QoG Agency-Fiscal Year Unit to QoG Country-Year Unit translation**

Agency-Year observations are aggregated to a year level by calculating the sum per year when applicable to a variable.

##### **QoG Country-Year Unit to QoG EQI Respondent ID 2021 Unit translation**

Country-Year observations are matched to Country-Year observations.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that the dataset may only contain a subset of countries and years included in its primary Output Unit.

#### **5.38.10 QoG NUTS Region-Year Unit**

**Translation Path: QoG Agency-Fiscal Year → QoG Country-Year → QoG NUTS Region-Year**

##### **QoG Agency-Fiscal Year Unit to QoG Country-Year Unit translation**

Agency-Year observations are aggregated to a year level by calculating the sum per year when applicable to a variable.

##### **QoG Country-Year Unit to QoG NUTS Region-Year Unit translation**

Country-Year is translated to Region-Year by matching country observations to regional observations collected for the NUTS0 level (and thus equal to the country level) and year identifiers to year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and

years included in their primary Output Unit.

**Additional information:**

Variables that are aggregated to the Country-Year level are: budget\_ibudget, budget\_fbudget, budget\_obudget, budget\_amend, budget\_withdr, budget\_reserve, budget\_overrun, budget\_overrunef, budget\_overrunsb, budget\_saving, budget\_savingef, budget\_savingsb, budget\_credit

**5.38.11 REPDEM Cabinet-Party Unit**

**Translation Path: QoG Agency-Fiscal Year → QoG Country-Year → REPDEM Cabinet-Party**

**QoG Agency-Fiscal Year Unit to QoG Country-Year Unit translation**

Agency-Year observations are aggregated to a year level by calculating the sum per year when applicable to a variable.

**QoG Country-Year Unit to REPDEM Cabinet-Party Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

**5.38.12 REPDEM Country-Year Unit**

**Translation Path: QoG Agency-Fiscal Year → QoG Country-Year → REPDEM Country-Year**

**QoG Agency-Fiscal Year Unit to QoG Country-Year Unit translation**

Agency-Year observations are aggregated to a year level by calculating the sum per year when applicable to a variable.

**QoG Country-Year Unit to REPDEM Country-Year Unit translation**

QoG Country-Year observations are matched to REPDEM Country-Year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to REPDEM identifier combinations are dropped, as data-quality for REPDEM variables is prioritized in translations to this unit.

**5.38.13 UCDP Country-Year Unit**

**Translation Path: QoG Agency-Fiscal Year → QoG Country-Year → UCDP Country-Year**

**QoG Agency-Fiscal Year Unit to QoG Country-Year Unit translation**

Agency-Year observations are aggregated to a year level by calculating the sum per year when applicable to a variable.

**QoG Country-Year Unit to UCDP Country-Year Unit translation**

QoG Country-Year observations are matched to UCDP Country-Year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to UCDP identifier combinations are dropped, as data-quality for UCDP variables is prioritized in translations to this unit.

#### **5.38.14 UCDP Organized Violence Country-Year Unit**

**Translation Path: QoG Agency-Fiscal Year → QoG Country-Year → UCDP Organized Violence Country-Year**

##### **QoG Agency-Fiscal Year Unit to QoG Country-Year Unit translation**

Agency-Year observations are aggregated to a year level by calculating the sum per year when applicable to a variable.

##### **QoG Country-Year Unit to UCDP Organized Violence Country-Year Unit translation**

QoG Country-Year observations are matched to UCDP Country-Year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to UCDP identifier combinations are dropped, as data-quality for UCDP variables is prioritized in translations to this unit.

#### **5.38.15 QoG NUTS2 Region Unit**

**Translation Path: QoG Agency-Fiscal Year → QoG Country-Year → QoG NUTS Region-Year → QoG NUTS2 Region**

##### **QoG Agency-Fiscal Year Unit to QoG Country-Year Unit translation**

Agency-Year observations are aggregated to a year level by calculating the sum per year when applicable to a variable.

##### **QoG Country-Year Unit to QoG NUTS Region-Year Unit translation**

Country-Year is translated to Region-Year by matching country observations to regional observations collected for the NUTS0 level (and thus equal to the country level) and year identifiers to year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit.

##### **QoG NUTS Region-Year Unit to QoG NUTS2 Region Unit translation**

Observations for 2021 from the QoG Region Year Output Unit are matched to Country-Year.

Please note that the dataset may only contain a subset of regions and years included in its primary Output Unit.

## 5.39 QoG Swedish Agency Database Formal Instruction Data

*Dataset tag:* qog\_qad\_inst

*Output Unit:* QoG Agency-Agency Instruction, i.e., data is collected per Swedish agency and agency instruction.

*Description:* This database consists of a comprehensive sample of administrative agencies in the Swedish executive bureaucracy between 1960 and 2014. The database is constituted by three distinct datasets: one that focuses on an agency's formal instruction; one that focuses on an agency's head; and one that focuses on an agency's budget. Note that each dataset has its own unit of analysis. The agency's head data can be found at SND, but is not included in DEMSCORE.

*Dataset citation:* Dahlström, Carl, Mikael Holmgren, Christian Björkdahl, Kersti Hazell, Anna Khomenko, Richard Svensson, and Pär Åberg. 2018. "Swedish Administrative Agencies, 1960-2014." University of Gothenburg: The Quality of Government Institute.

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More detailed information on the dataset can be found at the following web page: <https://www.gu.se/en/quality-government/qog-data/data-downloads/qog-swedish-agency-database>

**Unit Notes:** The unit for this dataset is a Swedish agency and an agency instruction. That means there is one row for each combination of a Swedish agency and agency instruction in the dataset. This unit is identified using the `agency_id` column and the `agency_instruction` column.

We also add the agency name (`agency_name` column) to the unit table for a better understanding of the agency ids.

### 5.39.1 QoG Agency-Agency Instruction Unit

**Translation Path:** QoG Agency-Agency Instruction (Primary Output Unit)

QoG Agency-Agency Instruction is the primary unit.

### 5.39.2 QoG Agency-Fiscal Year Unit

**Translation Path:** QoG Agency-Fiscal Year → QoG Agency-Agency Instruction

**QoG Agency-Fiscal Year Unit to QoG Agency-Agency Instruction Unit translation**

Agency IDs are matched to Agency IDs.

### 5.39.3 QoG Country-Year Unit

**Translation Path:** QoG Agency-Agency Instruction → QoG Country-Year

**QoG Agency-Agency Instruction Unit to QoG Country-Year Unit translation**

Agency-Instruction observations are aggregated to a year level when applicable to a variable. Only binary variables are aggregated and the occurrences of the value 1 are counted for each year.

**Additional information:**

Variables that are aggregated to a Country-Year level are: `agency_law`, `agency_unitary`, `agency_board`,



agency\_brepun, agency\_brepth, agency\_bchair, agency\_committee, agency\_crepun, agency\_crepun, agency\_crepth, agency\_cchair, agency\_council, agency\_acrepbu, agency\_crepun, agency\_acrepth, agency\_acchair, agency\_adjud, agency\_collab, agency\_county, agency\_edu, agency\_eval, agency\_info, agency\_permit, agency\_police, agency\_policy, agency\_redist, agency\_report, agency\_research, agency\_rule, agency\_super.

#### 5.39.4 Demscore Country-Year Unit

**Translation Path: QoG Agency-Agency Instruction → QoG Country-Year → Demscore Country-Year**

##### **QoG Agency-Agency Instruction Unit to QoG Country-Year Unit translation**

Agency-Instruction observations are aggregated to a year level when applicable to a variable. Only binary variables are aggregated and the occurrences of the value 1 are counted for each year.

##### **QoG Country-Year Unit to Demscore Country-Year Unit translation**

QoG Country-Year observations are matched to DEMSCORE Country-Year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to DEMSCORE identifier combinations are dropped.

#### 5.39.5 QoG Country Unit

**Translation Path: QoG Agency-Agency Instruction → QoG Country-Year → QoG Country**

##### **QoG Agency-Agency Instruction Unit to QoG Country-Year Unit translation**

Agency-Instruction observations are aggregated to a year level when applicable to a variable. Only binary variables are aggregated and the occurrences of the value 1 are counted for each year.

##### **QoG Country-Year Unit to QoG Country Unit translation**

QoG Country-Year is translated to QoG Country by matching the most recent Country-Year observation to Country observations.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in the primary Output Unit.

##### **Additional information:**

Variables that are aggregated to a Country-Year level are: agency\_law, agency\_unitary, agency\_board, agency\_brepun, agency\_brepth, agency\_bchair, agency\_committee, agency\_crepun, agency\_crepun, agency\_crepth, agency\_cchair, agency\_council, agency\_acrepbu, agency\_crepun, agency\_acrepth, agency\_acchair, agency\_adjud, agency\_collab, agency\_county, agency\_edu, agency\_eval, agency\_info, agency\_permit, agency\_police, agency\_policy, agency\_redist, agency\_report, agency\_research, agency\_rule, agency\_super.

#### 5.39.6 QoG EQI Perceptions Respondent ID 2017 Unit

**Translation Path: QoG Agency-Agency Instruction → QoG Country-Year → QoG EQI Perceptions Respondent ID 2017**

##### **QoG Agency-Agency Instruction Unit to QoG Country-Year Unit translation**

Agency-Instruction observations are aggregated to a year level when applicable to a variable. Only binary variables are aggregated and the occurrences of the value 1 are counted for each year.

##### **QoG Country-Year Unit to QoG EQI Perceptions Respondent ID 2017 Unit translation**

Country-Year observations are matched to Country-Year observations.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit.

#### **5.39.7 QoG EQI Respondent ID 2010-2013 Unit**

**Translation Path: QoG Agency-Agency Instruction → QoG Country-Year → QoG EQI Respondent ID 2010-2013**

##### **QoG Agency-Agency Instruction Unit to QoG Country-Year Unit translation**

Agency-Instruction observations are aggregated to a year level when applicable to a variable. Only binary variables are aggregated and the occurrences of the value 1 are counted for each year.

##### **QoG Country-Year Unit to QoG EQI Respondent ID 2010-2013 Unit translation**

Country-Year observations are matched to Country-Year observations.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit

#### **5.39.8 QoG EQI Respondent ID 2017 Unit**

**Translation Path: QoG Agency-Agency Instruction → QoG Country-Year → QoG EQI Respondent ID 2017**

##### **QoG Agency-Agency Instruction Unit to QoG Country-Year Unit translation**

Agency-Instruction observations are aggregated to a year level when applicable to a variable. Only binary variables are aggregated and the occurrences of the value 1 are counted for each year.

##### **QoG Country-Year Unit to QoG EQI Respondent ID 2017 Unit translation**

QoG Country-Year observations are matched to Country-Year combinations in the Respondnet ID unit.

Identifier ombinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit.

#### **5.39.9 QoG EQI Respondent ID 2021 Unit**

**Translation Path: QoG Agency-Agency Instruction → QoG Country-Year → QoG EQI Respondent ID 2021**

##### **QoG Agency-Agency Instruction Unit to QoG Country-Year Unit translation**

Agency-Instruction observations are aggregated to a year level when applicable to a variable. Only binary variables are aggregated and the occurrences of the value 1 are counted for each year.

##### **QoG Country-Year Unit to QoG EQI Respondent ID 2021 Unit translation**

Country-Year observations are matched to Country-Year observations.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that the dataset may only contain a subset of countries and years included in its primary Output Unit.

#### **5.39.10 QoG NUTS Region-Year Unit**

**Translation Path: QoG Agency-Fiscal Year → QoG Country-Year → QoG NUTS Region-Year**

### **QoG Agency-Fiscal Year Unit to QoG Country-Year Unit translation**

Agency-Year observations are aggregated to a year level by calculating the sum per year when applicable to a variable.

### **QoG Country-Year Unit to QoG NUTS Region-Year Unit translation**

Country-Year is translated to Region-Year by matching country observations to regional observations collected for the NUTS0 level (and thus equal to the country level) and year identifiers to year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit.

#### **Additional information:**

Variables that are aggregated to a Country-Year level are: agency\_law, agency\_unitary, agency\_board, agency\_brepun, agency\_brepth, agency\_bchair, agency\_committee, agency\_crepun, agency\_crepun, agency\_crepth, agency\_cchair, agency\_council, agency\_acrepbu, agency\_crepun, agency\_acrepth, agency\_acchair, agency\_adjud, agency\_collab, agency\_county, agency\_edu, agency\_eval, agency\_info, agency\_permit, agency\_police, agency\_policy, agency\_redist, agency\_report, agency\_research, agency\_rule, agency\_super.

### **5.39.11 REPDEM Cabinet-Party Unit**

**Translation Path: QoG Agency-Agency Instruction → QoG Country-Year → REPDEM Cabinet-Party**

#### **QoG Agency-Agency Instruction Unit to QoG Country-Year Unit translation**

Agency-Instruction observations are aggregated to a year level when applicable to a variable. Only binary variables are aggregated and the occurrences of the value 1 are counted for each year.

#### **QoG Country-Year Unit to REPDEM Cabinet-Party Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

### **5.39.12 REPDEM Country-Year Unit**

**Translation Path: QoG Agency-Agency Instruction → QoG Country-Year → REPDEM Country-Year**

#### **QoG Agency-Agency Instruction Unit to QoG Country-Year Unit translation**

Agency-Instruction observations are aggregated to a year level when applicable to a variable. Only binary variables are aggregated and the occurrences of the value 1 are counted for each year.

#### **QoG Country-Year Unit to REPDEM Country-Year Unit translation**

QoG Country-Year observations are matched to REPDEM Country-Year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to REPDEM identifier combinations are dropped, as data-quality for REPDEM variables is prioritized in translations to this unit.

### **5.39.13 UCDP Country-Year Unit**

**Translation Path: QoG Agency-Agency Instruction → QoG Country-Year → UCDP Country-Year**

#### **QoG Agency-Agency Instruction Unit to QoG Country-Year Unit translation**

Agency-Instruction observations are aggregated to a year level when applicable to a variable. Only binary variables are aggregated and the occurrences of the value 1 are counted for each year.

#### **QoG Country-Year Unit to UCDP Country-Year Unit translation**

QoG Country-Year observations are matched to UCDP Country-Year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to UCDP identifier combinations are dropped, as data-quality for UCDP variables is prioritized in translations to this unit.

#### **5.39.14 UCDP Organized Violence Country-Year Unit**

**Translation Path: QoG Agency-Agency Instruction → QoG Country-Year → UCDP Organized Violence Country-Year**

#### **QoG Agency-Agency Instruction Unit to QoG Country-Year Unit translation**

Agency-Instruction observations are aggregated to a year level when applicable to a variable. Only binary variables are aggregated and the occurrences of the value 1 are counted for each year.

#### **QoG Country-Year Unit to UCDP Organized Violence Country-Year Unit translation**

QoG Country-Year observations are matched to UCDP Country-Year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to UCDP identifier combinations are dropped, as data-quality for UCDP variables is prioritized in translations to this unit.

#### **5.39.15 QoG NUTS2 Region Unit**

**Translation Path: QoG Agency-Agency Instruction → QoG Country-Year → QoG NUTS Region-Year → QoG NUTS2 Region**

#### **QoG Agency-Agency Instruction Unit to QoG Country-Year Unit translation**

Agency-Instruction observations are aggregated to a year level when applicable to a variable. Only binary variables are aggregated and the occurrences of the value 1 are counted for each year.

#### **QoG Country-Year Unit to QoG NUTS Region-Year Unit translation**

Country-Year is translated to Region-Year by matching country observations to regional observations collected for the NUTS0 level (and thus equal to the country level) and year identifiers to year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit.

#### **QoG NUTS Region-Year Unit to QoG NUTS2 Region Unit translation**

Observations for 2021 from the QoG Region Year Output Unit are matched to Country-Year.

Please note that the dataset may only contain a subset of regions and years included in its primary Output Unit.

## 5.40 QoG Standard Dataset Cross-Section

**Dataset tag:** qog\_std\_cs

**Output Unit:** QoG Country, i.e., data is collected per country.

**Description:** The QoG Standard dataset is the largest QoG dataset. It consists of approximately 2100 variables from more than 100 data sources related to Quality of Government. In the QoG Standard CS dataset, data from and around 2019 is included. Data from 2019 is prioritized, however, if no data is available for a country for 2019, data for 2020 is included. If no data exists for 2020, data for 2018 is included, and so on up to a maximum of +/- 3 years.

**Comments:** The Demscore infrastructure only includes those variables from the Standard Cross Sectional dataset that are NOT also included in the time series dataset. This is to avoid redundancy of the data. You can download all variables from the time series dataset in the QoG Country Output Unit in Demscore if you want to conduct cross-sectional analysis.

**Dataset citation:** Teorell, Jan, Aksel Sundström, Sören Holmberg, Bo Rothstein, Natalia Alvarado Pachon, Cem Mert Dalli Yente Meijers. 2023. The Quality of Government Standard Dataset, version Jan23. University of Gothenburg: The Quality of Government Institute, <https://www.gu.se/en/quality-government> doi:10.18157/qogstdjan23

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We do not allow other uses of these data including but not limited to redistribution, commercialization and other for-profit usage. If a user is interested in such use or has doubts about the license, they will have to refer to the original source and check with them if this is allowed and what requirements they need to fulfill.

Be mindful that the original data sources are the only owners of their data and they can adjust their license without previous warning.

More detailed information on the dataset can be found at the following web page: <https://www.gu.se/en/quality-government/qog-data/data-downloads/standard-dataset>

**Unit Notes:** The unit for this dataset is a country. That means there is one row for each country in the dataset. This unit is identified using the cname column.

### 5.40.1 QoG Country Unit

**Translation Path:** QoG Country (Primary Output Unit)

QoG Country is the primary unit.

**Additional information:**

Datasets within this Output Unit use slightly deviating country names. The country names are adjusted for the Output Unit using the naming standard as used in the QoG Standard Time Series Dataset.

### 5.40.2 QoG Country-Year Unit

**Translation Path:** QoG Country → QoG Country-Year

**QoG Country Unit to QoG Country-Year Unit translation**

Country is translated to Country-Year by matching Country observations to the most recent Country-Year observations.

Please note that your selected QoG variables may only contain observations for a subset of countries included in their primary Output Unit.

### **5.40.3 QoG NUTS2 Region Unit**

**Translation Path: QoG Country → QoG NUTS2 Region**

#### **QoG Country Unit to QoG NUTS2 Region Unit translation**

Country observations are translated to Region by matching Country to observations collected on the NUTS0 regional level, which is the country level.

Please note that your selected QoG variables may only contain observations for a subset of countries included in their primary Output Unit

### **5.40.4 Complab Country-Year Unit**

**Translation Path: QoG Country → QoG Country-Year → Complab Country-Year**

#### **QoG Country Unit to QoG Country-Year Unit translation**

Country is translated to Country-Year by matching Country observations to the most recent Country-Year observations.

Please note that your selected QoG variables may only contain observations for a subset of countries included in their primary Output Unit.

#### **QoG Country-Year Unit to Complab Country-Year Unit translation**

QoG Country-Year is translated to COMPLAB Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to COMPLAB identifier combinations are dropped, as data-quality for COMPLAB variables is prioritized in translations to this unit.

### **5.40.5 Demscore Country-Year Unit**

**Translation Path: QoG Country → QoG Country-Year → Demscore Country-Year**

#### **QoG Country Unit to QoG Country-Year Unit translation**

Country is translated to Country-Year by matching Country observations to the most recent Country-Year observations.

Please note that your selected QoG variables may only contain observations for a subset of countries included in their primary Output Unit.

#### **QoG Country-Year Unit to Demscore Country-Year Unit translation**

QoG Country-Year observations are matched to DEMSCORE Country-Year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to DEMSCORE identifier combinations are dropped.

### **5.40.6 H-DATA Country-Year Unit**

**Translation Path: QoG Country → QoG Country-Year → H-DATA Country-Year**

#### **QoG Country Unit to QoG Country-Year Unit translation**

Country is translated to Country-Year by matching Country observations to the most recent Country-Year observations.

Please note that your selected QoG variables may only contain observations for a subset of countries included in their primary Output Unit.

#### **QoG Country-Year Unit to H-DATA Country-Year Unit translation**

QoG Country-Year is translated to H-DATA Country-Year by matching country and year identifiers from both Output Units.

As the QoG datasets are compiled from different sources, the exact country definitions are not always given and thus may differ from H-DATA country definitions.

H-DATA refers to historical Serbia, Yugoslavia, and modern-day Serbia as 'Serbia/Yugoslavia' while QoG includes Yugoslavia (until 1991), Serbia and Montenegro (1992- 2005) and Serbia (2006 onwards) separately.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to H-DATA identifier combinations are dropped, as data-quality for H-DATA variables is prioritized in translations to this unit.

#### **5.40.7 QoG Agency-Agency Instruction Unit**

**Translation Path: QoG Country → QoG Country-Year → QoG Agency-Agency Instruction**

##### **QoG Country Unit to QoG Country-Year Unit translation**

Country is translated to Country-Year by matching Country observations to the most recent Country-Year observations.

Please note that your selected QoG variables may only contain observations for a subset of countries included in their primary Output Unit.

##### **QoG Country-Year Unit to QoG Agency-Agency Instruction Unit translation**

Country-Year observations are matched to Country-Year observations.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit

#### **5.40.8 QoG Agency-Fiscal Year Unit**

**Translation Path: QoG Country → QoG Country-Year → QoG Agency-Fiscal Year**

##### **QoG Country Unit to QoG Country-Year Unit translation**

Country is translated to Country-Year by matching Country observations to the most recent Country-Year observations.

Please note that your selected QoG variables may only contain observations for a subset of countries included in their primary Output Unit.

##### **QoG Country-Year Unit to QoG Agency-Fiscal Year Unit translation**

Country-Year data for Sweden is matched to Agency-Year data based on the agency year.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit

##### **Additional information:**

This translation covers Sweden only as the QoG Agency-Fiscal Year Unit includes observations for Swedish agencies only.

#### **5.40.9 QoG EQI Perceptions Respondent ID 2017 Unit**

**Translation Path: QoG Country → QoG Country-Year → QoG EQI Perceptions Respondent ID 2017**

#### **QoG Country Unit to QoG Country-Year Unit translation**

Country is translated to Country-Year by matching Country observations to the most recent Country-Year observations.

Please note that your selected QoG variables may only contain observations for a subset of countries included in their primary Output Unit.

#### **QoG Country-Year Unit to QoG EQI Perceptions Respondent ID 2017 Unit translation**

Country-Year observations are matched to Country-Year observations.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit.

#### **5.40.10 QoG EQI Respondent ID 2010-2013 Unit**

**Translation Path: QoG Country → QoG Country-Year → QoG EQI Respondent ID 2010-2013**

##### **QoG Country Unit to QoG Country-Year Unit translation**

Country is translated to Country-Year by matching Country observations to the most recent Country-Year observations.

Please note that your selected QoG variables may only contain observations for a subset of countries included in their primary Output Unit.

##### **QoG Country-Year Unit to QoG EQI Respondent ID 2010-2013 Unit translation**

Country-Year observations are matched to Country-Year observations.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit

#### **5.40.11 QoG EQI Respondent ID 2017 Unit**

**Translation Path: QoG Country → QoG Country-Year → QoG EQI Respondent ID 2017**

##### **QoG Country Unit to QoG Country-Year Unit translation**

Country is translated to Country-Year by matching Country observations to the most recent Country-Year observations.

Please note that your selected QoG variables may only contain observations for a subset of countries included in their primary Output Unit.

##### **QoG Country-Year Unit to QoG EQI Respondent ID 2017 Unit translation**

QoG Country-Year observations are matched to Country-Year combinations in the Respondnet ID unit.

Identifier combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit.

#### **5.40.12 QoG EQI Respondent ID 2021 Unit**

**Translation Path: QoG Country → QoG Country-Year → QoG EQI Respondent ID 2021**

##### **QoG Country Unit to QoG Country-Year Unit translation**



Country is translated to Country-Year by matching Country observations to the most recent Country-Year observations.

Please note that your selected QoG variables may only contain observations for a subset of countries included in their primary Output Unit.

#### **QoG Country-Year Unit to QoG EQI Respondent ID 2021 Unit translation**

Country-Year observations are matched to Country-Year observations.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that the dataset may only contain a subset of countries and years included in its primary Output Unit.

#### **5.40.13 QoG Municipality-Year Unit**

**Translation Path: QoG Country → QoG Country-Year → QoG Municipality-Year**

##### **QoG Country Unit to QoG Country-Year Unit translation**

Country is translated to Country-Year by matching Country observations to the most recent Country-Year observations.

Please note that your selected QoG variables may only contain observations for a subset of countries included in their primary Output Unit.

##### **QoG Country-Year Unit to QoG Municipality-Year Unit translation**

QoG Country-Year data for Sweden is matched to Municipality-Year data based on year.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit

##### **Additional information:**

This translation covers Sweden only as QoG Municipality-Year includes observations for Swedish municipalities.

#### **5.40.14 QoG NUTS Region-Year Unit**

**Translation Path: QoG Country → QoG Country-Year → QoG NUTS Region-Year**

##### **QoG Country Unit to QoG Country-Year Unit translation**

Country is translated to Country-Year by matching Country observations to the most recent Country-Year observations.

Please note that your selected QoG variables may only contain observations for a subset of countries included in their primary Output Unit.

##### **QoG Country-Year Unit to QoG NUTS Region-Year Unit translation**

Country-Year is translated to Region-Year by matching country observations to regional observations collected for the NUTS0 level (and thus equal to the country level) and year identifiers to year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit.

#### **5.40.15 REPDEM Cabinet-Party Unit**

**Translation Path: QoG Country → QoG Country-Year → REPDEM Cabinet-Party**

##### **QoG Country Unit to QoG Country-Year Unit translation**

Country is translated to Country-Year by matching Country observations to the most recent Country-Year observations.

Please note that your selected QoG variables may only contain observations for a subset of countries included in their primary Output Unit.

#### **QoG Country-Year Unit to REPDEM Cabinet-Party Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

#### **5.40.16 REPDEM Country-Year Unit**

**Translation Path: QoG Country → QoG Country-Year → REPDEM Country-Year**

##### **QoG Country Unit to QoG Country-Year Unit translation**

Country is translated to Country-Year by matching Country observations to the most recent Country-Year observations.

Please note that your selected QoG variables may only contain observations for a subset of countries included in their primary Output Unit.

##### **QoG Country-Year Unit to REPDEM Country-Year Unit translation**

QoG Country-Year observations are matched to REPDEM Country-Year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to REPDEM identifier combinations are dropped, as data-quality for REPDEM variables is prioritized in translations to this unit.

#### **5.40.17 Repdem Cabinet-Date Unit**

**Translation Path: QoG Country → QoG Country-Year → Repdem Cabinet-Date**

##### **QoG Country Unit to QoG Country-Year Unit translation**

Country is translated to Country-Year by matching Country observations to the most recent Country-Year observations.

Please note that your selected QoG variables may only contain observations for a subset of countries included in their primary Output Unit.

##### **QoG Country-Year Unit to Repdem Cabinet-Date Unit translation**

QoG Country-Year observations are matched to REPDEM identifiers for the final year a cabinet was in office.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to REPDEM identifier combinations are dropped, as data-quality for REPDEM variables is prioritized in this translations to this unit.

#### **5.40.18 UCDP Country-Year Unit**

**Translation Path: QoG Country → QoG Country-Year → UCDP Country-Year**

##### **QoG Country Unit to QoG Country-Year Unit translation**

Country is translated to Country-Year by matching Country observations to the most recent Country-Year observations.

Please note that your selected QoG variables may only contain observations for a subset of countries included

in their primary Output Unit.

#### **QoG Country-Year Unit to UCDP Country-Year Unit translation**

QoG Country-Year observations are matched to UCDP Country-Year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to UCDP identifier combinations are dropped, as data-quality for UCDP variables is prioritized in translations to this unit.

#### **5.40.19 UCDP Event ID Unit**

**Translation Path: QoG Country → UCDP Event ID**

#### **QoG Country Unit to UCDP Event ID Unit translation**

NA

#### **5.40.20 UCDP Organized Violence Country-Year Unit**

**Translation Path: QoG Country → QoG Country-Year → UCDP Organized Violence Country-Year**

#### **QoG Country Unit to QoG Country-Year Unit translation**

Country is translated to Country-Year by matching Country observations to the most recent Country-Year observations.

Please note that your selected QoG variables may only contain observations for a subset of countries included in their primary Output Unit.

#### **QoG Country-Year Unit to UCDP Organized Violence Country-Year Unit translation**

QoG Country-Year observations are matched to UCDP Country-Year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to UCDP identifier combinations are dropped, as data-quality for UCDP variables is prioritized in translations to this unit.

#### **5.40.21 V-Dem Country-Year Unit**

**Translation Path: QoG Country → QoG Country-Year → V-Dem Country-Year**

#### **QoG Country Unit to QoG Country-Year Unit translation**

Country is translated to Country-Year by matching Country observations to the most recent Country-Year observations.

Please note that your selected QoG variables may only contain observations for a subset of countries included in their primary Output Unit.

#### **QoG Country-Year Unit to V-Dem Country-Year Unit translation**

QoG Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

#### **5.40.22 H-DATA Minister-Date Unit**

**Translation Path: QoG Country → QoG Country-Year → H-DATA Country-Year → H-DATA Minister-Date**

##### **QoG Country Unit to QoG Country-Year Unit translation**

Country is translated to Country-Year by matching Country observations to the most recent Country-Year observations.

Please note that your selected QoG variables may only contain observations for a subset of countries included in their primary Output Unit.

##### **QoG Country-Year Unit to H-DATA Country-Year Unit translation**

QoG Country-Year is translated to H-DATA Country-Year by matching country and year identifiers from both Output Units.

As the QoG datasets are compiled from different sources, the exact country definitions are not always given and thus may differ from H-DATA country definitions.

H-DATA refers to historical Serbia, Yugoslavia, and modern-day Serbia as 'Serbia/Yugoslavia' while QoG includes Yugoslavia (until 1991), Serbia and Montenegro (1992- 2005) and Serbia (2006 onwards) separately.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to H-DATA identifier combinations are dropped, as data-quality for H-DATA variables is prioritized in translations to this unit.

##### **H-DATA Country-Year Unit to H-DATA Minister-Date Unit translation**

Country-Year observations are matched to Country-Year observations based on the final year a minister in a country was in office.

Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

#### **5.40.23 V-Dem Country-Date Unit**

**Translation Path: QoG Country → QoG Country-Year → V-Dem Country-Year → V-Dem Country-Date**

##### **QoG Country Unit to QoG Country-Year Unit translation**

Country is translated to Country-Year by matching Country observations to the most recent Country-Year observations.

Please note that your selected QoG variables may only contain observations for a subset of countries included in their primary Output Unit.

##### **QoG Country-Year Unit to V-Dem Country-Year Unit translation**

QoG Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

##### **V-Dem Country-Year Unit to V-Dem Country-Date Unit translation**

Countries are matched to countries and Year is extracted from Dates. Country-Year observations are then matched and duplicated across Country-Years.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

## 5.41 QoG Standard Dataset Time-Series

**Dataset tag:** qog\_std\_ts

**Output Unit:** QoG Country-Year, i.e., data is collected per country and year.

**Description:** The QoG Standard dataset is our largest dataset. It consists of approximately 2100 variables from more than 100 data sources related to Quality of Government. In the QoG Standard TS dataset, data from 1946 to 2022 is included and the unit of analysis is country-year (e.g., Sweden-1946, Sweden-1947, etc.).

**Dataset citation:** Teorell, Jan, Aksel Sundström, Sören Holmberg, Bo Rothstein, Natalia Alvarado Pachon, Cem Mert Dalli Yente Meijers. 2023. The Quality of Government Standard Dataset, version Jan23. University of Gothenburg: The Quality of Government Institute, <https://www.gu.se/en/quality-government> doi:10.18157/qogstdjan23

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Be mindful that the original data sources are the only owners of their data and they can adjust their license without previous warning.

More detailed information on the dataset can be found at the following web page: <https://www.gu.se/en/quality-government/qog-data/data-downloads/standard-dataset>

**Unit Notes:** The unit for this dataset is a country and year. That means there is one row for each combination of country and year in the dataset. This unit is identified using the cname column and the year column.

### 5.41.1 QoG Country-Year Unit

**Translation Path: QoG Country-Year (Primary Output Unit)**

QoG Country-Year is the primary unit.

**Additional information:**

Datasets within this Output Unit use slightly deviating country names. The country names are adjusted for the Output Unit using the naming standard as used in the QoG Standard Time Series Dataset.

### 5.41.2 Complab Country-Year Unit

**Translation Path: QoG Country-Year → Complab Country-Year**

**QoG Country-Year Unit to Complab Country-Year Unit translation**

QoG Country-Year is translated to COMPLAB Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to COMPLAB identifier combinations are dropped, as data-quality for COMPLAB variables is prioritized in translations to this unit.

### 5.41.3 Complab Country-Year-Policy Unit

**Translation Path: QoG Country-Year → Complab Country-Year-Policy**

**QoG Country-Year Unit to Complab Country-Year-Policy Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting

Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

#### **5.41.4 Demscore Country-Year Unit**

**Translation Path: QoG Country-Year → Demscore Country-Year**

##### **QoG Country-Year Unit to Demscore Country-Year Unit translation**

QoG Country-Year observations are matched to DEMSCORE Country-Year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to DEMSCORE identifier combinations are dropped.

#### **5.41.5 H-DATA Country-Year Unit**

**Translation Path: QoG Country-Year → H-DATA Country-Year**

##### **QoG Country-Year Unit to H-DATA Country-Year Unit translation**

QoG Country-Year is translated to H-DATA Country-Year by matching country and year identifiers from both Output Units.

As the QoG datasets are compiled from different sources, the exact country definitions are not always given and thus may differ from H-DATA country definitions.

H-DATA refers to historical Serbia, Yugoslavia, and modern-day Serbia as 'Serbia/Yugoslavia' while QoG includes Yugoslavia (until 1991), Serbia and Montenegro (1992- 2005) and Serbia (2006 onwards) separately.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to H-DATA identifier combinations are dropped, as data-quality for H-DATA variables is prioritized in translations to this unit.

#### **5.41.6 QoG Agency-Agency Instruction Unit**

**Translation Path: QoG Country-Year → QoG Agency-Agency Instruction**

##### **QoG Country-Year Unit to QoG Agency-Agency Instruction Unit translation**

Country-Year observations are matched to Country-Year observations.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit

#### **5.41.7 QoG Agency-Fiscal Year Unit**

**Translation Path: QoG Country-Year → QoG Agency-Fiscal Year**

##### **QoG Country-Year Unit to QoG Agency-Fiscal Year Unit translation**

Country-Year data for Sweden is matched to Agency-Year data based on the agency year.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit

**Additional information:**

This translation covers Sweden only as the QoG Agency-Fiscal Year Unit includes observations for Swedish agencies only.

#### **5.41.8 QoG Country Unit**

**Translation Path: QoG Country-Year → QoG Country**

##### **QoG Country-Year Unit to QoG Country Unit translation**

QoG Country-Year is translated to QoG Country by matching the most recent Country-Year observation to Country observations.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in the primary Output Unit.

#### **5.41.9 QoG EQI Perceptions Respondent ID 2017 Unit**

**Translation Path: QoG Country-Year → QoG EQI Perceptions Respondent ID 2017**

##### **QoG Country-Year Unit to QoG EQI Perceptions Respondent ID 2017 Unit translation**

Country-Year observations are matched to Country-Year observations.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit.

#### **5.41.10 QoG EQI Respondent ID 2010-2013 Unit**

**Translation Path: QoG Country-Year → QoG EQI Respondent ID 2010-2013**

##### **QoG Country-Year Unit to QoG EQI Respondent ID 2010-2013 Unit translation**

Country-Year observations are matched to Country-Year observations.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit

#### **5.41.11 QoG EQI Respondent ID 2017 Unit**

**Translation Path: QoG Country-Year → QoG EQI Respondent ID 2017**

##### **QoG Country-Year Unit to QoG EQI Respondent ID 2017 Unit translation**

QoG Country-Year observations are matched to Country-Year combinations in the Respondnet ID unit.

Identifier ombinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit.

#### **5.41.12 QoG EQI Respondent ID 2021 Unit**

**Translation Path: QoG Country-Year → QoG EQI Respondent ID 2021**

##### **QoG Country-Year Unit to QoG EQI Respondent ID 2021 Unit translation**

Country-Year observations are matched to Country-Year observations.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than

once in the end Output Unit, and combinations that do not exist are dropped.

Please note that the dataset may only contain a subset of countries and years included in its primary Output Unit.

#### **5.41.13 QoG Municipality-Year Unit**

**Translation Path: QoG Country-Year → QoG Municipality-Year**

**QoG Country-Year Unit to QoG Municipality-Year Unit translation**

QoG Country-Year data for Sweden is matched to Municipality-Year data based on year.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit

**Additional information:**

This translation covers Sweden only as QoG Municipality-Year includes observations for Swedish municipalities.

#### **5.41.14 QoG NUTS Region-Year Unit**

**Translation Path: QoG Country-Year → QoG NUTS Region-Year**

**QoG Country-Year Unit to QoG NUTS Region-Year Unit translation**

Country-Year is translated to Region-Year by matching country observations to regional observations collected for the NUTS0 level (and thus equal to the country level) and year identifiers to year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit.

#### **5.41.15 QoG NUTS2 Region Unit**

**Translation Path: QoG Country-Year → QoG NUTS2 Region**

**QoG Country-Year Unit to QoG NUTS2 Region Unit translation**

Country-Year observations are translated to Region by matching observations from the latest Country-Year to observations collected on the NUTS0 regional level, which is the country level.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit

#### **5.41.16 REPDEM Cabinet-Party Unit**

**Translation Path: QoG Country-Year → REPDEM Cabinet-Party**

**QoG Country-Year Unit to REPDEM Cabinet-Party Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

#### **5.41.17 REPDEM Country-Year Unit**

**Translation Path: QoG Country-Year → REPDEM Country-Year**

**QoG Country-Year Unit to REPDEM Country-Year Unit translation**



QoG Country-Year observations are matched to REPDEM Country-Year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to REPDEM identifier combinations are dropped, as data-quality for REPDEM variables is prioritized in translations to this unit.

#### **5.41.18 Repdem Cabinet-Date Unit**

**Translation Path: QoG Country-Year → Repdem Cabinet-Date**

##### **QoG Country-Year Unit to Repdem Cabinet-Date Unit translation**

QoG Country-Year observations are matched to REPDEM identifiers for the final year a cabinet was in office.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to REPDEM identifier combinations are dropped, as data-quality for REPDEM variables is prioritized in this translations to this unit.

#### **5.41.19 UCDP Country-Year Unit**

**Translation Path: QoG Country-Year → UCDP Country-Year**

##### **QoG Country-Year Unit to UCDP Country-Year Unit translation**

QoG Country-Year observations are matched to UCDP Country-Year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to UCDP identifier combinations are dropped, as data-quality for UCDP variables is prioritized in translations to this unit.

##### **Additional information:**

QoG bases their country identifiers on ISO-3166-1 standard, while UCDP uses Gleditsch and Ward. We match countries based on the numeric Gleditsch and Ward country identifiers in UCDP and the numeric Correlates of War country identifiers in QoG. For the two cases the country identifiers differ (Germany and Yemen), we match them together nonetheless by adjusting the CoW identifier in QoG to the GW identifier from UCDP.

#### **5.41.20 UCDP Event ID Unit**

**Translation Path: QoG Country-Year → UCDP Event ID**

##### **QoG Country-Year Unit to UCDP Event ID Unit translation**

QoG Country-Year is translated to UCDP Event IDs by matching country and year identifiers from both Output Units. QoG Country-Year combinations are duplicated across all events that occurred within a UCDP Country-Year combination in the Event ID unit, and combinations from QoG that do not exist in UCDP are dropped.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit.

##### **Additional information:**

QoG bases their country identifiers on ISO-3166-1 standard, while UCDP uses Gleditsch and Ward. Please be aware that for this translation, we match QoG Country identifiers to the location variable in the UCDP GED Dataset.

#### **5.41.21 UCDP Organized Violence Country-Year Unit**

**Translation Path: QoG Country-Year → UCDP Organized Violence Country-Year**

##### **QoG Country-Year Unit to UCDP Organized Violence Country-Year Unit translation**

QoG Country-Year observations are matched to UCDP Country-Year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to UCDP identifier combinations are dropped, as data-quality for UCDP variables is prioritized in translations to this unit.

**Additional information:**

QoG bases their country identifiers on ISO-3166-1 standard, while UCDP uses Gleditsch and Ward. We match countries based on the numeric Gleditsch and Ward country identifiers in UCDP and the numeric Correlates of War country identifiers in QoG. For the two cases the country identifiers differ (Germany and Yemen), we match them together nonetheless by adjusting the CoW identifier in QoG to the GW identifier from UCDP.

#### **5.41.22 V-Dem Country-Year Unit**

**Translation Path: QoG Country-Year → V-Dem Country-Year**

##### **QoG Country-Year Unit to V-Dem Country-Year Unit translation**

QoG Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

#### **5.41.23 Complab Country-Year-Track Unit**

**Translation Path: QoG Country-Year → Complab Country-Year → Complab Country-Year-Track**

##### **QoG Country-Year Unit to Complab Country-Year Unit translation**

QoG Country-Year is translated to COMPLAB Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to COMPLAB identifier combinations are dropped, as data-quality for COMPLAB variables is prioritized in translations to this unit.

##### **Complab Country-Year Unit to Complab Country-Year-Track Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

#### **5.41.24 H-DATA Dyad-Year Unit**

**Translation Path: QoG Country-Year → H-DATA Country-Year → H-DATA Dyad-Year**

##### **QoG Country-Year Unit to H-DATA Country-Year Unit translation**

QoG Country-Year is translated to H-DATA Country-Year by matching country and year identifiers from both Output Units.

As the QoG datasets are compiled from different sources, the exact country definitions are not always given and thus may differ from H-DATA country definitions.

H-DATA refers to historical Serbia, Yugoslavia, and modern-day Serbia as 'Serbia/Yugoslavia' while QoG

includes Yugoslavia (until 1991), Serbia and Montenegro (1992- 2005) and Serbia (2006 onwards) separately.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to H-DATA identifier combinations are dropped, as data-quality for H-DATA variables is prioritized in translations to this unit.

#### **H-DATA Country-Year Unit to H-DATA Dyad-Year Unit translation**

Country-Years are matched to Country-Years using the country identifier for country 1 in the dyad.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

#### **5.41.25 H-DATA Minister-Date Unit**

**Translation Path: QoG Country-Year → H-DATA Country-Year → H-DATA Minister-Date**

##### **QoG Country-Year Unit to H-DATA Country-Year Unit translation**

QoG Country-Year is translated to H-DATA Country-Year by matching country and year identifiers from both Output Units.

As the QoG datasets are compiled from different sources, the exact country definitions are not always given and thus may differ from H-DATA country definitions.

H-DATA refers to historical Serbia, Yugoslavia, and modern-day Serbia as 'Serbia/Yugoslavia' while QoG includes Yugoslavia (until 1991), Serbia and Montenegro (1992- 2005) and Serbia (2006 onwards) separately.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to H-DATA identifier combinations are dropped, as data-quality for H-DATA variables is prioritized in translations to this unit.

##### **H-DATA Country-Year Unit to H-DATA Minister-Date Unit translation**

Country-Year observations are matched to Country-Year observations based on the final year a minister in a country was in office.

Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

#### **5.41.26 V-Dem Country-Date Unit**

**Translation Path: QoG Country-Year → V-Dem Country-Year → V-Dem Country-Date**

##### **QoG Country-Year Unit to V-Dem Country-Year Unit translation**

QoG Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

##### **V-Dem Country-Year Unit to V-Dem Country-Date Unit translation**

Countries are matched to countries and Year is extracted from Dates. Country-Year observations are then matched and duplicated across Country-Years.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

#### **5.41.27 V-Dem Party-Country-Year Unit**

**Translation Path: QoG Country-Year → V-Dem Country-Year → V-Dem Party-Country-Year**

### **QoG Country-Year Unit to V-Dem Country-Year Unit translation**

QoG Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

### **V-Dem Country-Year Unit to V-Dem Party-Country-Year Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

## **5.41.28 V-Dem Country-Date-Coder Unit**

**Translation Path: QoG Country-Year → V-Dem Country-Year → V-Dem Country-Date → V-Dem Country-Date-Coder**

### **QoG Country-Year Unit to V-Dem Country-Year Unit translation**

QoG Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

### **V-Dem Country-Year Unit to V-Dem Country-Date Unit translation**

Countries are matched to countries and Year is extracted from Dates. Country-Year observations are then matched and duplicated across Country-Years.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

### **V-Dem Country-Date Unit to V-Dem Country-Date-Coder Unit translation**

Country-Dates are matched to Country-Dates. Country-Date combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit.

## **5.41.29 V-Dem Party-Date-Coder Unit**

**Translation Path: QoG Country-Year → V-Dem Country-Year → V-Dem Party-Country-Year → V-Dem Party-Date-Coder**

### **QoG Country-Year Unit to V-Dem Country-Year Unit translation**

QoG Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit. QoG identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

### **V-Dem Country-Year Unit to V-Dem Party-Country-Year Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting

Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

#### **V-Dem Party-Country-Year Unit to V-Dem Party-Date-Coder Unit translation**

Year is extracted from date. Country-, year- and party identifiers are matched to corresponding country-year-party combinations. Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit.

## 5.42 REPDEM PAGED Monthly Party Codes

**Dataset tag:** repdem\_paco\_month

**Output Unit:** Repdem Cabinet-Month; data is collected per cabinet and date, but the dataset includes one row for each month the cabinet was in power.

**Description:** The Cabinet-Month Version of the REPDEM PAGED Party-Codes Dataset.

**Dataset citation:**

Bergman, Torbjörn, Gabriella Ilonszki and Wolfgang C. Müller, eds. (2019). *Coalition Governance in Central Eastern Europe*. Oxford: Oxford University Press.;

Bergman, Torbjörn, Hanna Bäck, and Johan Hellström (eds.). (2021). *Coalition Governance in Western Europe*. Oxford: Oxford University Press.;

Hellström, Johan, Torbjörn Bergman, and Hanna Bäck (2021). *Party Government in Europe Database (PAGED)*. Main sponsor: Riksbankens Jubileumsfond (IN150306:1). Available on <https://erdda.org>.

**Comments:**

For party abbreviations see party codebooks:

Western Europe: [https://repdem.org/index.php/download/44/combined-dataset-europe/3737/party\\_codebook\\_we.pdf](https://repdem.org/index.php/download/44/combined-dataset-europe/3737/party_codebook_we.pdf)

Central and Eastern Europe: [https://repdem.org/index.php/download/44/combined-dataset-europe/3736/party\\_codebook\\_cee.pdf](https://repdem.org/index.php/download/44/combined-dataset-europe/3736/party_codebook_cee.pdf)

**License:** REPDEM presents the comparative data collection efforts undertaken by various research and data infrastructure projects on political institutions, political parties, cabinets and governments in Europe. Repdem offers a range of datasets available for free (without even a demand for registration).

More detailed information on the dataset can be found at the following web page: <https://repdem.org/index.php/current-dataset/>

**Unit Notes:** NA

### 5.42.1 REPDEM Cabinet-Month Unit

**Translation Path:** REPDEM Cabinet-Month (Primary Output Unit)

REPDEM Cabinet-Month is the primary unit.

## 5.43 REPDEM PAGED Quarterly Party Codes

**Dataset tag:** repdem\_paco\_quarter

**Output Unit:** Repdem Cabinet-Quarter; data is collected per cabinet and date, but the dataset includes one row for each quarter of each year the cabinet was in power.

**Description:** The Cabinet-Quarter Version of the REPDEM PAGED Party-Codes Dataset.

**Dataset citation:**

Bergman, Torbjörn, Gabriella Ilonszki and Wolfgang C. Müller, eds. (2019). *Coalition Governance in Central Eastern Europe*. Oxford: Oxford University Press.;

Bergman, Torbjörn, Hanna Bäck, and Johan Hellström (eds.). (2021). *Coalition Governance in Western Europe*. Oxford: Oxford University Press.;

Hellström, Johan, Torbjörn Bergman, and Hanna Bäck (2021). *Party Government in Europe Database (PAGED)*. Main sponsor: Riksbankens Jubileumsfond (IN150306:1). Available on <https://erdda.org>.

**Comments:**

For party abbreviations see party codebooks:

Western Europe: [https://repdem.org/index.php/download/44/combined-dataset-europe/3737/party\\_codebook\\_we.pdf](https://repdem.org/index.php/download/44/combined-dataset-europe/3737/party_codebook_we.pdf)

Central and Eastern Europe: [https://repdem.org/index.php/download/44/combined-dataset-europe/3736/party\\_codebook\\_cee.pdf](https://repdem.org/index.php/download/44/combined-dataset-europe/3736/party_codebook_cee.pdf)

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More detailed information on the dataset can be found at the following web page: <https://repdem.org/index.php/current-dataset/>

**Unit Notes:** NA

### 5.43.1 REPDEM Cabinet-Quarter Unit

**Translation Path:** REPDEM Cabinet-Quarter (Primary Output Unit)

REPDEM Cabinet-Quarter is the primary unit.

## 5.44 REPDEM PAGED Yearly Party Codes

**Dataset tag:** repdem\_paco\_year

**Output Unit:** Repdem Cabinet-Year; data is collected per cabinet and date, but the dataset includes one row for each year the cabinet was in power.

**Description:** The Cabinet-Year Version of the REPDEM PAGED Party-Codes Dataset.

**Dataset citation:**

Bergman, Torbjörn, Gabriella Ilonszki and Wolfgang C. Müller, eds. (2019). *Coalition Governance in Central Eastern Europe*. Oxford: Oxford University Press.;

Bergman, Torbjörn, Hanna Bäck, and Johan Hellström (eds.). (2021). *Coalition Governance in Western Europe*. Oxford: Oxford University Press.;

Hellström, Johan, Torbjörn Bergman, and Hanna Bäck (2021). *Party Government in Europe Database (PAGED)*. Main sponsor: Riksbankens Jubileumsfond (IN150306:1). Available on <https://erdda.org>.

**Comments:**

For party abbreviations see party codebooks:

Western Europe: [https://repdem.org/index.php/download/44/combined-dataset-europe/3737/party\\_codebook\\_we.pdf](https://repdem.org/index.php/download/44/combined-dataset-europe/3737/party_codebook_we.pdf)

Central and Eastern Europe: [https://repdem.org/index.php/download/44/combined-dataset-europe/3736/party\\_codebook\\_cee.pdf](https://repdem.org/index.php/download/44/combined-dataset-europe/3736/party_codebook_cee.pdf)

**License:** REPDEM presents the comparative data collection efforts undertaken by various research and data infrastructure projects on political institutions, political parties, cabinets and governments in Europe. Repdem offers a range of datasets available for free (without even a demand for registration).

More detailed information on the dataset can be found at the following web page: <https://repdem.org/index.php/current-dataset/>

**Unit Notes:** NA

### 5.44.1 REPDEM Cabinet-Year Unit

**Translation Path:** REPDEM Cabinet-Year (Primary Output Unit)

REPDEM Cabinet-Year is the primary unit.



## 5.45 REPDEM PAGED Party Codes

**Dataset tag:** repdem\_paged\_paco

**Output Unit:** Repdem Cabinet-Date, i.e., data is collected per cabinet and date.

**Description:** Party Government in Europe Database (PAGED) is a research infrastructure project that aims to build a state-of-the-art database for comparative coalition research on political institutions, political parties, parliaments and governments.

This comparative dataset combines the datasets that was collected for Coalition Governance in Central Eastern Europe (2020), edited by Torbjörn Bergman, Gabriella Ilonszki, and Wolfgang C. Müller, and Coalition Governance in Western Europe (2021), edited by Torbjörn Bergman, Hanna Bäck, and Johan Hellström.

All data were meticulously collected by experts on coalition politics in their respective country using standardized coding instructions and interview guidelines. Specifically, the data were gathered from official documents (government, administration, and parliament) and party documents (election manifestos, coalition agreements), by conducting semi-structured interviews with (former) staff and cabinet members as well as a systemic analysis of media reports.

The combined dataset provides detailed information on important aspects of government formation, coalition governance, and government termination in 10 Central Eastern European from their democratic transitions up to June 1st, 2014, as well as 16 West European countries and Croatia up to 31st December 2019.

**Dataset citation:**

Bergman, Torbjörn, Gabriella Ilonszki and Wolfgang C. Müller, eds. (2019). *Coalition Governance in Central Eastern Europe*. Oxford: Oxford University Press.;

Bergman, Torbjörn, Hanna Bäck, and Johan Hellström (eds.). (2021). *Coalition Governance in Western Europe*. Oxford: Oxford University Press.;

Hellström, Johan, Torbjörn Bergman, and Hanna Bäck (2021). *Party Government in Europe Database (PAGED)*. Main sponsor: Riksbankens Jubileumsfond (IN150306:1). Available on <https://erdda.org>.

**Comments:**

For party abbreviations see party codebooks:

Western Europe: [https://repdem.org/index.php/download/44/combined-dataset-europe/3737/party\\_codebook\\_we.pdf](https://repdem.org/index.php/download/44/combined-dataset-europe/3737/party_codebook_we.pdf)

Central and Eastern Europe: [https://repdem.org/index.php/download/44/combined-dataset-europe/3736/party\\_codebook\\_cee.pdf](https://repdem.org/index.php/download/44/combined-dataset-europe/3736/party_codebook_cee.pdf)

**License:** REPDEM presents the comparative data collection efforts undertaken by various research and data infrastructure projects on political institutions, political parties, cabinets and governments in Europe. Repdem offers a range of datasets available for free (without even a demand for registration).

More detailed information on the dataset can be found at the following web page: <https://repdem.org/index.php/current-dataset/>

**Unit Notes:** The unit for this dataset is a cabinet and the day a cabinet started. That means each row in the dataset can be identified by a cabinet in combination with a date, using the columns cab\_name and date\_in. The unit can also be expressed using the columns cab\_id and date\_in.

The unit for this dataset can also be a country and the day a cabinet started. This means that one row in the dataset can also be identified through a combination of country and date, using the columns country\_id and date\_in.

### 5.45.1 Repdem Cabinet-Date Unit

**Translation Path: Repdem Cabinet-Date (Primary Output Unit)**

Repdem Cabinet-Date is the primary unit.

### 5.45.2 Complab Country-Year Unit

**Translation Path: Repdem Cabinet-Date → Complab Country-Year**

**Repdem Cabinet-Date Unit to Complab Country-Year Unit translation**

REPDEM Cabinet-Date is aggregated to Country-Date by matching cabinets to countries. In the case of date overlaps, the incoming cabinet is given preference over the outgoing cabinet. This is then aggregated to Country-Year and Country-Year is translated to Country-Year selecting and matching the cabinet with the longest tenure in each given year. Rows are added for those years in which a cabinet has been in power throughout the whole year; these rows have the same observations as the first year that cabinet is in power.

REPDEM identifier combinations that cannot be matched to COMPLAB identifier combinations are dropped, as data-quality for COMPLAB variables is prioritized in translations to this unit.

**Additional information:**

We first duplicate each cabinet observation over individual rows for each year which falls between the date-in and date-out, to create a new unit column for years in which a cabinet was in power. We then count the total number of days which fall between this interval for each given year, group the data by country, and select the observation with the highest day-count for each year in a country.

### 5.45.3 Complab Country-Year-Policy Unit

**Translation Path: Repdem Cabinet-Date → Complab Country-Year-Policy**

#### **Repdem Cabinet-Date Unit to Complab Country-Year-Policy Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

### 5.45.4 Demscore Country-Year Unit

**Translation Path: Repdem Cabinet-Date → Demscore Country-Year**

#### **Repdem Cabinet-Date Unit to Demscore Country-Year Unit translation**

REPDEM Cabinet-Date is aggregated to Country-Date by matching cabinets to countries. In the case of date overlaps, the incoming cabinet is given preference over the outgoing cabinet. This is then aggregated to Country-Year and Country-Year is translated to Country-Year selecting and matching the cabinet with the longest tenure in each given year. Rows are added for those years in which a cabinet has been in power throughout the whole year; these rows have the same observations as the first year that cabinet is in power.

Repdem uses its own set of country identifiers and definitions, while the Demscore country-year unit takes its country identifiers from V-Dem, H-DATA and Gleditsch and Ward. Please look at the unit description for more details.

REPDEM identifier combinations that cannot be matched to DEMSCORE identifier combinations are dropped.

### 5.45.5 H-DATA Country-Year Unit

**Translation Path: Repdem Cabinet-Date → H-DATA Country-Year**

#### **Repdem Cabinet-Date Unit to H-DATA Country-Year Unit translation**

REPDEM Cabinet-Date is aggregated to Country-Date by matching cabinets to countries. In the case of date overlaps, the incoming cabinet is given preference over the outgoing cabinet. This is then aggregated to Country-Year and Country-Year is translated to Country-Year selecting and matching the cabinet with the longest tenure in each given year. Rows are added for those years in which a cabinet has been in power throughout the whole year; these rows have the same observations as the first year that cabinet is in power.

REPDEM identifier combinations that cannot be matched to H-DATA identifier combinations are dropped, as data-quality for H-DATA variables is prioritized in translations to this unit.

**Additional information:**

We first duplicate each cabinet observation over individual rows for each year which falls between the date-in and date-out, to create a new unit column for years in which a cabinet was in power. We then count the total

number of days which fall between this interval for each given year, group the data by country, and select the observation with the highest day-count for each year in a country.

#### 5.45.6 H-DATA Minister-Date Unit

**Translation Path: Repdem Cabinet-Date → H-DATA Country-Year → H-DATA Minister-Date**

##### **Repdem Cabinet-Date Unit to H-DATA Country-Year Unit translation**

REPDEM Cabinet-Date is aggregated to Country-Date by matching cabinets to countries. In the case of date overlaps, the incoming cabinet is given preference over the outgoing cabinet. This is then aggregated to Country-Year and Country-Year is translated to Country-Year selecting and matching the cabinet with the longest tenure in each given year. Rows are added for those years in which a cabinet has been in power throughout the whole year; these rows have the same observations as the first year that cabinet is in power.

REPDEM identifier combinations that cannot be matched to H-DATA identifier combinations are dropped, as data-quality for H-DATA variables is prioritized in translations to this unit.

##### **H-DATA Country-Year Unit to H-DATA Minister-Date Unit translation**

Country-Year observations are matched to Country-Year observations based on the final year a minister in a country was in office.

Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

#### 5.45.7 QoG Country-Year Unit

**Translation Path: Repdem Cabinet-Date → QoG Country-Year**

##### **Repdem Cabinet-Date Unit to QoG Country-Year Unit translation**

REPDEM Cabinet-Date is aggregated to Country-Date by matching cabinets to countries. In the case of date overlaps, the incoming cabinet is given preference over the outgoing cabinet. This is then aggregated to Country-Year and Country-Year is translated to Country-Year selecting and matching the cabinet with the longest tenure in each given year. Rows are added for those years in which a cabinet has been in power throughout the whole year; these rows have the same observations as the first year that cabinet is in power.

REPDEM identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

##### **Additional information:**

We first duplicate each cabinet observation over individual rows for each year which falls between the date-in and date-out, to create a new unit column for years in which a cabinet was in power. We then count the total number of days which fall between this interval for each given year, group the data by country, and select the observation with the highest day-count for each year in a country.

#### 5.45.8 REPDEM Cabinet-Party Unit

**Translation Path: REPDEM Cabinet-Date → REPDEM Cabinet-Party**

REPDEM Cabinet-Party is the primary unit.

#### 5.45.9 REPDEM Country-Year Unit

**Translation Path: REPDEM Cabinet-Date → REPDEM Country-Year**

REPDEM Country-Year is the primary unit.

#### 5.45.10 UCDP Country-Year Unit

**Translation Path: Repdem Cabinet-Date → UCDP Country-Year**

**Repdem Cabinet-Date Unit to UCDP Country-Year Unit translation**

REPDEM Cabinet-Date is aggregated to Country-Date by matching cabinets to countries. In the case of date overlaps, the incoming cabinet is given preference over the outgoing cabinet. This is then aggregated to Country-Year and Country-Year is translated to Country-Year selecting and matching the cabinet with the longest tenure in each given year. Rows are added for those years in which a cabinet has been in power throughout the whole year; these rows have the same observations as the first year that cabinet is in power.

UCDP uses Gleditsch and Ward country names and identifiers while REPDEM uses their own set of identifiers.

REPDEM identifier combinations that cannot be matched to UCDP identifier combinations are dropped, as data-quality for UCDP variables is prioritized in translations to this unit.

**Additional information:**

UCDP uses Gleditsch and Ward country identifiers, REPDEM uses their own set of country identifiers. We match on country names.

#### 5.45.11 UCDP Event ID Unit

**Translation Path: Repdem Cabinet-Date → UCDP Event ID**

**Repdem Cabinet-Date Unit to UCDP Event ID Unit translation**

REPDEM Cabinet-Date is aggregated to a country-year level. Country-years are then translated to UCDP Events by matching country and year identifiers from both Output Units. Country and year combinations from the starting Output unit are duplicated across all events that occurred with that country-year combination.

REPDEM identifier combinations that cannot be matched to UCDP identifier combinations are dropped

**Additional information:**

We first duplicate each cabinet observation over individual rows for each year which falls between the date-in and date-out, to create a new unit column for years in which a cabinet was in power. We then count the total number of days which fall between this interval for each given year, group the data by country, and select the observation with the highest day-count for each year in a country.

Please be aware that for this translation, we match REPDEM Country identifiers to the location variable in the UCDP GED Dataset.

#### 5.45.12 UCDP Organized Violence Country-Year Unit

**Translation Path: Repdem Cabinet-Date → UCDP Organized Violence Country-Year**

**Repdem Cabinet-Date Unit to UCDP Organized Violence Country-Year Unit translation**

REPDEM Cabinet-Date is aggregated to Country-Date by matching cabinets to countries. In the case of date overlaps, the incoming cabinet is given preference over the outgoing cabinet. This is then aggregated to Country-Year and Country-Year is translated to Country-Year selecting and matching the cabinet with the longest tenure in each given year. Rows are added for those years in which a cabinet has been in power throughout the whole year; these rows have the same observations as the first year that cabinet is in power. UCDP uses Gleditsch and Ward country names and identifiers while REPDEM uses their own set of identifiers.

REPDEM identifier combinations that cannot be matched to UCDP identifier combinations are dropped, as data-quality for UCDP variables is prioritized in translations to this unit.

**Additional information:**

UCDP uses Gleditsch and Ward country identifiers, REPDEM uses their own country identifiers. We match on country names.

#### 5.45.13 V-Dem Country-Date Unit

**Translation Path: Repdem Cabinet-Date → V-Dem Country-Date**

**Repdem Cabinet-Date Unit to V-Dem Country-Date Unit translation**

We first aggregate Cabinet-Date observations to a Country-Date level and create one row per day a cabinet was in power. We then match these Country-Date combinations to V-Dem Country-Dates. Rows that do not match V-Dem Country-Dates are dropped again. In the case of overlaps, the incoming cabinet is given preference over the outgoing cabinet.

#### 5.45.14 V-Dem Country-Year Unit

**Translation Path: Repdem Cabinet-Date → V-Dem Country-Year**

##### **Repdem Cabinet-Date Unit to V-Dem Country-Year Unit translation**

REPDEM Cabinet-Date is aggregated to Country-Date by matching cabinets to countries. In the case of date overlaps, the incoming cabinet is given preference over the outgoing cabinet. This is then aggregated to Country-Year and Country-Year is translated to V-Dem Country-Year selecting and matching the cabinet with the longest tenure in each given year. Rows are added for those years in which a cabinet has been in power throughout the whole year; these rows have the same observations as the first year that cabinet is in power.

REPDEM identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

##### **Additional information:**

We first duplicate each cabinet observation over individual rows for each year which falls between the date-in and date-out, to create a new unit column for years in which a cabinet was in power. We then count the total number of days which fall between this interval for each given year, group the data by country, and select the observation with the highest day-count for each year in a country.

#### 5.45.15 Complab Country-Year-Track Unit

**Translation Path: Repdem Cabinet-Date → Complab Country-Year → Complab Country-Year-Track**

##### **Repdem Cabinet-Date Unit to Complab Country-Year Unit translation**

REPDEM Cabinet-Date is aggregated to Country-Date by matching cabinets to countries. In the case of date overlaps, the incoming cabinet is given preference over the outgoing cabinet. This is then aggregated to Country-Year and Country-Year is translated to Country-Year selecting and matching the cabinet with the longest tenure in each given year. Rows are added for those years in which a cabinet has been in power throughout the whole year; these rows have the same observations as the first year that cabinet is in power.

REPDEM identifier combinations that cannot be matched to COMPLAB identifier combinations are dropped, as data-quality for COMPLAB variables is prioritized in translations to this unit.

##### **Complab Country-Year Unit to Complab Country-Year-Track Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

#### 5.45.16 H-DATA Dyad-Year Unit

**Translation Path: Repdem Cabinet-Date → H-DATA Country-Year → H-DATA Dyad-Year**

##### **Repdem Cabinet-Date Unit to H-DATA Country-Year Unit translation**

REPDEM Cabinet-Date is aggregated to Country-Date by matching cabinets to countries. In the case of date overlaps, the incoming cabinet is given preference over the outgoing cabinet. This is then aggregated to Country-Year and Country-Year is translated to Country-Year selecting and matching the cabinet with the longest tenure in each given year. Rows are added for those years in which a cabinet has been in power throughout the whole year; these rows have the same observations as the first year that cabinet is in power.

REPDEM identifier combinations that cannot be matched to H-DATA identifier combinations are dropped,

as data-quality for H-DATA variables is prioritized in translations to this unit.

#### **H-DATA Country-Year Unit to H-DATA Dyad-Year Unit translation**

Country-Years are matched to Country-Years using the country identifier for country 1 in the dyad.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

#### **5.45.17 QoG Agency-Fiscal Year Unit**

**Translation Path: Repdem Cabinet-Date → QoG Country-Year → QoG Agency-Fiscal Year**

##### **Repdem Cabinet-Date Unit to QoG Country-Year Unit translation**

REPDEM Cabinet-Date is aggregated to Country-Date by matching cabinets to countries. In the case of date overlaps, the incoming cabinet is given preference over the outgoing cabinet. This is then aggregated to Country-Year and Country-Year is translated to Country-Year selecting and matching the cabinet with the longest tenure in each given year. Rows are added for those years in which a cabinet has been in power throughout the whole year; these rows have the same observations as the first year that cabinet is in power.

REPDEM identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

##### **QoG Country-Year Unit to QoG Agency-Fiscal Year Unit translation**

Country-Year data for Sweden is matched to Agency-Year data based on the agency year.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit

#### **5.45.18 QoG Country Unit**

**Translation Path: Repdem Cabinet-Date → QoG Country-Year → QoG Country**

##### **Repdem Cabinet-Date Unit to QoG Country-Year Unit translation**

REPDEM Cabinet-Date is aggregated to Country-Date by matching cabinets to countries. In the case of date overlaps, the incoming cabinet is given preference over the outgoing cabinet. This is then aggregated to Country-Year and Country-Year is translated to Country-Year selecting and matching the cabinet with the longest tenure in each given year. Rows are added for those years in which a cabinet has been in power throughout the whole year; these rows have the same observations as the first year that cabinet is in power.

REPDEM identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

##### **QoG Country-Year Unit to QoG Country Unit translation**

QoG Country-Year is translated to QoG Country by matching the most recent Country-Year observation to Country observations.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in the primary Output Unit.

##### **Additional information:**

We first duplicate each cabinet observation over individual rows for each year which falls between the date-in and date-out, to create a new unit column for years in which a cabinet was in power. We then count the total number of days which fall between this interval for each given year, group the data by country, and select the observation with the highest day-count for each year in a country.

#### **5.45.19 QoG NUTS Region-Year Unit**

**Translation Path: Repdem Cabinet-Date → QoG Country-Year → QoG NUTS Region-Year**

### **Repdem Cabinet-Date Unit to QoG Country-Year Unit translation**

REPDEM Cabinet-Date is aggregated to Country-Date by matching cabinets to countries. In the case of date overlaps, the incoming cabinet is given preference over the outgoing cabinet. This is then aggregated to Country-Year and Country-Year is translated to Country-Year selecting and matching the cabinet with the longest tenure in each given year. Rows are added for those years in which a cabinet has been in power throughout the whole year; these rows have the same observations as the first year that cabinet is in power.

REPDEM identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

### **QoG Country-Year Unit to QoG NUTS Region-Year Unit translation**

Country-Year is translated to Region-Year by matching country observations to regional observations collected for the NUTS0 level (and thus equal to the country level) and year identifiers to year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit.

## **5.45.20 V-Dem Party-Country-Year Unit**

**Translation Path: Repdem Cabinet-Date → V-Dem Country-Year → V-Dem Party-Country-Year**

### **Repdem Cabinet-Date Unit to V-Dem Country-Year Unit translation**

REPDEM Cabinet-Date is aggregated to Country-Date by matching cabinets to countries. In the case of date overlaps, the incoming cabinet is given preference over the outgoing cabinet. This is then aggregated to Country-Year and Country-Year is translated to V-Dem Country-Year selecting and matching the cabinet with the longest tenure in each given year. Rows are added for those years in which a cabinet has been in power throughout the whole year; these rows have the same observations as the first year that cabinet is in power.

REPDEM identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

### **V-Dem Country-Year Unit to V-Dem Party-Country-Year Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

## **5.45.21 V-Dem Country-Date-Coder Unit**

**Translation Path: Repdem Cabinet-Date → V-Dem Country-Year → V-Dem Country-Date → V-Dem Country-Date-Coder**

### **Repdem Cabinet-Date Unit to V-Dem Country-Year Unit translation**

REPDEM Cabinet-Date is aggregated to Country-Date by matching cabinets to countries. In the case of date overlaps, the incoming cabinet is given preference over the outgoing cabinet. This is then aggregated to Country-Year and Country-Year is translated to V-Dem Country-Year selecting and matching the cabinet with the longest tenure in each given year. Rows are added for those years in which a cabinet has been in power throughout the whole year; these rows have the same observations as the first year that cabinet is in power.

REPDEM identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

### **V-Dem Country-Year Unit to V-Dem Country-Date Unit translation**

Countries are matched to countries and Year is extracted from Dates. Country-Year observations are then matched and duplicated across Country-Years.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

#### **V-Dem Country-Date Unit to V-Dem Country-Date-Coder Unit translation**

Country-Dates are matched to Country-Dates. Country-Date combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit.

#### **5.45.22 V-Dem Party-Date-Coder Unit**

**Translation Path: Repdem Cabinet-Date → V-Dem Country-Year → V-Dem Party-Country-Year → V-Dem Party-Date-Coder**

#### **Repdem Cabinet-Date Unit to V-Dem Country-Year Unit translation**

REPDEM Cabinet-Date is aggregated to Country-Date by matching cabinets to countries. In the case of date overlaps, the incoming cabinet is given preference over the outgoing cabinet. This is then aggregated to Country-Year and Country-Year is translated to V-Dem Country-Year selecting and matching the cabinet with the longest tenure in each given year. Rows are added for those years in which a cabinet has been in power throughout the whole year; these rows have the same observations as the first year that cabinet is in power.

REPDEM identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

#### **V-Dem Country-Year Unit to V-Dem Party-Country-Year Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

#### **V-Dem Party-Country-Year Unit to V-Dem Party-Date-Coder Unit translation**

Year is extracted from date. Country-, year- and party identifiers are matched to corresponding country-year-party combinations. Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit.



## 5.46 REPDEM PAGED Party Strings

**Dataset tag:** repdem\_paged\_pastr

**Output Unit:** Repdem Cabinet-Date, i.e., data is collected per cabinet and date.

**Description:** Party Government in Europe Database (PAGED) is a research infrastructure project that aims to build a state-of-the-art database for comparative coalition research on political institutions, political parties, parliaments and governments.

This comparative dataset combines the datasets that was collected for Coalition Governance in Central Eastern Europe (2020), edited by Torbjörn Bergman, Gabriella Ilonszki, and Wolfgang C. Müller, and Coalition Governance in Western Europe (2021), edited by Torbjörn Bergman, Hanna Bäck, and Johan Hellström.

All data were meticulously collected by experts on coalition politics in their respective country using standardized coding instructions and interview guidelines. Specifically, the data were gathered from official documents (government, administration, and parliament) and party documents (election manifestos, coalition agreements), by conducting semi-structured interviews with (former) staff and cabinet members as well as a systemic analysis of media reports.

The combined dataset provides detailed information on important aspects of government formation, coalition governance, and government termination in 10 Central Eastern European from their democratic transitions up to June 1st, 2014, as well as 16 West European countries and Croatia up to 31st December 2019.

**Dataset citation:**

Bergman, Torbjörn, Gabriella Ilonszki and Wolfgang C. Müller, eds. (2019). *Coalition Governance in Central Eastern Europe*. Oxford: Oxford University Press.;

Bergman, Torbjörn, Hanna Bäck, and Johan Hellström (eds.). (2021). *Coalition Governance in Western Europe*. Oxford: Oxford University Press.;

Hellström, Johan, Torbjörn Bergman, and Hanna Bäck (2021). *Party Government in Europe Database (PAGED)*. Main sponsor: Riksbankens Jubileumsfond (IN150306:1). Available on <https://erdda.org>.

**Comments:**

For party abbreviations see party codebooks:

Western Europe: [https://repdem.org/index.php/download/44/combined-dataset-europe/3737/party\\_codebook\\_we.pdf](https://repdem.org/index.php/download/44/combined-dataset-europe/3737/party_codebook_we.pdf)

Central and Eastern Europe: [https://repdem.org/index.php/download/44/combined-dataset-europe/3736/party\\_codebook\\_cee.pdf](https://repdem.org/index.php/download/44/combined-dataset-europe/3736/party_codebook_cee.pdf)

**License:** REPDEM presents the comparative data collection efforts undertaken by various research and data infrastructure projects on political institutions, political parties, cabinets and governments in Europe. Repdem offers a range of datasets available for free (without even a demand for registration).

More detailed information on the dataset can be found at the following web page: <https://repdem.org/index.php/current-dataset/>

**Unit Notes:** The unit for this dataset is a cabinet and the day a cabinet started. That means each row in the dataset can be identified by a cabinet in combination with a date, using the columns `cab_name` and `date_in`. The unit can also be expressed using the columns `cab_id` and `date_in`.

The unit for this dataset can also be a country and the day a cabinet started. This means that one row in the dataset can also be identified through a combination of country and date, using the columns `country_id` and `date_in`.

### 5.46.1 Repdem Cabinet-Date Unit

**Translation Path:** Repdem Cabinet-Date (Primary Output Unit)

Repdem Cabinet-Date is the primary unit.

### 5.46.2 Complab Country-Year Unit

**Translation Path:** Repdem Cabinet-Date → Complab Country-Year

### **Repdem Cabinet-Date Unit to Complab Country-Year Unit translation**

REPDEM Cabinet-Date is aggregated to Country-Date by matching cabinets to countries. In the case of date overlaps, the incoming cabinet is given preference over the outgoing cabinet. This is then aggregated to Country-Year and Country-Year is translated to Country-Year selecting and matching the cabinet with the longest tenure in each given year. Rows are added for those years in which a cabinet has been in power throughout the whole year; these rows have the same observations as the first year that cabinet is in power.

REPDEM identifier combinations that cannot be matched to COMPLAB identifier combinations are dropped, as data-quality for COMPLAB variables is prioritized in translations to this unit.

#### **Additional information:**

We first duplicate each cabinet observation over individual rows for each year which falls between the date-in and date-out, to create a new unit column for years in which a cabinet was in power. We then count the total number of days which fall between this interval for each given year, group the data by country, and select the observation with the highest day-count for each year in a country.

### **5.46.3 Complab Country-Year-Policy Unit**

**Translation Path: Repdem Cabinet-Date → Complab Country-Year-Policy**

#### **Repdem Cabinet-Date Unit to Complab Country-Year-Policy Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

### **5.46.4 Demscore Country-Year Unit**

**Translation Path: Repdem Cabinet-Date → Demscore Country-Year**

#### **Repdem Cabinet-Date Unit to Demscore Country-Year Unit translation**

REPDEM Cabinet-Date is aggregated to Country-Date by matching cabinets to countries. In the case of date overlaps, the incoming cabinet is given preference over the outgoing cabinet. This is then aggregated to Country-Year and Country-Year is translated to Country-Year selecting and matching the cabinet with the longest tenure in each given year. Rows are added for those years in which a cabinet has been in power throughout the whole year; these rows have the same observations as the first year that cabinet is in power.

Repdem uses its own set of country identifiers and definitions, while the Demscore country-year unit takes its country identifiers from V-Dem, H-DATA and Gleditsch and Ward. Please look at the unit description for more details.

REPDEM identifier combinations that cannot be matched to DEMSCORE identifier combinations are dropped.

### **5.46.5 H-DATA Country-Year Unit**

**Translation Path: Repdem Cabinet-Date → H-DATA Country-Year**

#### **Repdem Cabinet-Date Unit to H-DATA Country-Year Unit translation**

REPDEM Cabinet-Date is aggregated to Country-Date by matching cabinets to countries. In the case of date overlaps, the incoming cabinet is given preference over the outgoing cabinet. This is then aggregated to Country-Year and Country-Year is translated to Country-Year selecting and matching the cabinet with the longest tenure in each given year. Rows are added for those years in which a cabinet has been in power throughout the whole year; these rows have the same observations as the first year that cabinet is in power.

REPDEM identifier combinations that cannot be matched to H-DATA identifier combinations are dropped, as data-quality for H-DATA variables is prioritized in translations to this unit.

#### **Additional information:**

We first duplicate each cabinet observation over individual rows for each year which falls between the date-in and date-out, to create a new unit column for years in which a cabinet was in power. We then count the total number of days which fall between this interval for each given year, group the data by country, and select the observation with the highest day-count for each year in a country.

#### **5.46.6 H-DATA Minister-Date Unit**

**Translation Path:** Repdem Cabinet-Date → H-DATA Country-Year → H-DATA Minister-Date

##### **Repdem Cabinet-Date Unit to H-DATA Country-Year Unit translation**

REPDEM Cabinet-Date is aggregated to Country-Date by matching cabinets to countries. In the case of date overlaps, the incoming cabinet is given preference over the outgoing cabinet. This is then aggregated to Country-Year and Country-Year is translated to Country-Year selecting and matching the cabinet with the longest tenure in each given year. Rows are added for those years in which a cabinet has been in power throughout the whole year; these rows have the same observations as the first year that cabinet is in power.

REPDEM identifier combinations that cannot be matched to H-DATA identifier combinations are dropped, as data-quality for H-DATA variables is prioritized in translations to this unit.

##### **H-DATA Country-Year Unit to H-DATA Minister-Date Unit translation**

Country-Year observations are matched to Country-Year observations based on the final year a minister in a country was in office.

Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

#### **5.46.7 QoG Country-Year Unit**

**Translation Path:** Repdem Cabinet-Date → QoG Country-Year

##### **Repdem Cabinet-Date Unit to QoG Country-Year Unit translation**

REPDEM Cabinet-Date is aggregated to Country-Date by matching cabinets to countries. In the case of date overlaps, the incoming cabinet is given preference over the outgoing cabinet. This is then aggregated to Country-Year and Country-Year is translated to Country-Year selecting and matching the cabinet with the longest tenure in each given year. Rows are added for those years in which a cabinet has been in power throughout the whole year; these rows have the same observations as the first year that cabinet is in power.

REPDEM identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

##### **Additional information:**

We first duplicate each cabinet observation over individual rows for each year which falls between the date-in and date-out, to create a new unit column for years in which a cabinet was in power. We then count the total number of days which fall between this interval for each given year, group the data by country, and select the observation with the highest day-count for each year in a country.

#### **5.46.8 REPDEM Cabinet-Party Unit**

**Translation Path:** REPDEM Cabinet-Date → REPDEM Cabinet-Party

REPDEM Cabinet-Party is the primary unit.

#### **5.46.9 REPDEM Country-Year Unit**

**Translation Path:** REPDEM Cabinet-Date → REPDEM Country-Year

REPDEM Country-Year is the primary unit.

#### 5.46.10 UCDP Country-Year Unit

**Translation Path:** Repdem Cabinet-Date → UCDP Country-Year

##### **Repdem Cabinet-Date Unit to UCDP Country-Year Unit translation**

REPDEM Cabinet-Date is aggregated to Country-Date by matching cabinets to countries. In the case of date overlaps, the incoming cabinet is given preference over the outgoing cabinet. This is then aggregated to Country-Year and Country-Year is translated to Country-Year selecting and matching the cabinet with the longest tenure in each given year. Rows are added for those years in which a cabinet has been in power throughout the whole year; these rows have the same observations as the first year that cabinet is in power.

UCDP uses Gleditsch and Ward country names and identifiers while REPDEM uses their own set of identifiers.

REPDEM identifier combinations that cannot be matched to UCDP identifier combinations are dropped, as data-quality for UCDP variables is prioritized in translations to this unit.

##### **Additional information:**

UCDP uses Gleditsch and Ward country identifiers, REPDEM uses their own set of country identifiers. We match on country names.

#### 5.46.11 UCDP Event ID Unit

**Translation Path:** Repdem Cabinet-Date → UCDP Event ID

##### **Repdem Cabinet-Date Unit to UCDP Event ID Unit translation**

REPDEM Cabinet-Date is aggregated to a country-year level. Country-years are then translated to UCDP Events by matching country and year identifiers from both Output Units. Country and year combinations from the starting Output unit are duplicated across all events that occurred with that country-year combination.

REPDEM identifier combinations that cannot be matched to UCDP identifier combinations are dropped

##### **Additional information:**

We first duplicate each cabinet observation over individual rows for each year which falls between the date-in and date-out, to create a new unit column for years in which a cabinet was in power. We then count the total number of days which fall between this interval for each given year, group the data by country, and select the observation with the highest day-count for each year in a country.

Please be aware that for this translation, we match REPDEM Country identifiers to the location variable in the UCDP GED Dataset.

#### 5.46.12 UCDP Organized Violence Country-Year Unit

**Translation Path:** Repdem Cabinet-Date → UCDP Organized Violence Country-Year

##### **Repdem Cabinet-Date Unit to UCDP Organized Violence Country-Year Unit translation**

REPDEM Cabinet-Date is aggregated to Country-Date by matching cabinets to countries. In the case of date overlaps, the incoming cabinet is given preference over the outgoing cabinet. This is then aggregated to Country-Year and Country-Year is translated to Country-Year selecting and matching the cabinet with the longest tenure in each given year. Rows are added for those years in which a cabinet has been in power throughout the whole year; these rows have the same observations as the first year that cabinet is in power. UCDP uses Gleditsch and Ward country names and identifiers while REPDEM uses their own set of identifiers.

REPDEM identifier combinations that cannot be matched to UCDP identifier combinations are dropped, as data-quality for UCDP variables is prioritized in translations to this unit.

##### **Additional information:**

UCDP uses Gleditsch and Ward country identifiers, REPDEM uses their own country identifiers. We match on country names.

### 5.46.13 V-Dem Country-Date Unit

**Translation Path:** Repdem Cabinet-Date → V-Dem Country-Date

#### Repdem Cabinet-Date Unit to V-Dem Country-Date Unit translation

We first aggregate Cabinet-Date observations to a Country-Date level and create one row per day a cabinet was in power. We then match these Country-Date combinations to V-Dem Country-Dates. Rows that do not match V-Dem Country-Dates are dropped again. In the case of overlaps, the incoming cabinet is given preference over the outgoing cabinet.

### 5.46.14 V-Dem Country-Year Unit

**Translation Path:** Repdem Cabinet-Date → V-Dem Country-Year

#### Repdem Cabinet-Date Unit to V-Dem Country-Year Unit translation

REPDEM Cabinet-Date is aggregated to Country-Date by matching cabinets to countries. In the case of date overlaps, the incoming cabinet is given preference over the outgoing cabinet. This is then aggregated to Country-Year and Country-Year is translated to V-Dem Country-Year selecting and matching the cabinet with the longest tenure in each given year. Rows are added for those years in which a cabinet has been in power throughout the whole year; these rows have the same observations as the first year that cabinet is in power.

REPDEM identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

#### Additional information:

We first duplicate each cabinet observation over individual rows for each year which falls between the date-in and date-out, to create a new unit column for years in which a cabinet was in power. We then count the total number of days which fall between this interval for each given year, group the data by country, and select the observation with the highest day-count for each year in a country.

### 5.46.15 Complab Country-Year-Track Unit

**Translation Path:** Repdem Cabinet-Date → Complab Country-Year → Complab Country-Year-Track

#### Repdem Cabinet-Date Unit to Complab Country-Year Unit translation

REPDEM Cabinet-Date is aggregated to Country-Date by matching cabinets to countries. In the case of date overlaps, the incoming cabinet is given preference over the outgoing cabinet. This is then aggregated to Country-Year and Country-Year is translated to Country-Year selecting and matching the cabinet with the longest tenure in each given year. Rows are added for those years in which a cabinet has been in power throughout the whole year; these rows have the same observations as the first year that cabinet is in power.

REPDEM identifier combinations that cannot be matched to COMPLAB identifier combinations are dropped, as data-quality for COMPLAB variables is prioritized in translations to this unit.

#### Complab Country-Year Unit to Complab Country-Year-Track Unit translation

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

### 5.46.16 H-DATA Dyad-Year Unit

**Translation Path:** Repdem Cabinet-Date → H-DATA Country-Year → H-DATA Dyad-Year

#### Repdem Cabinet-Date Unit to H-DATA Country-Year Unit translation

REPDEM Cabinet-Date is aggregated to Country-Date by matching cabinets to countries. In the case of

date overlaps, the incoming cabinet is given preference over the outgoing cabinet. This is then aggregated to Country-Year and Country-Year is translated to Country-Year selecting and matching the cabinet with the longest tenure in each given year. Rows are added for those years in which a cabinet has been in power throughout the whole year; these rows have the same observations as the first year that cabinet is in power.

REPDEM identifier combinations that cannot be matched to H-DATA identifier combinations are dropped, as data-quality for H-DATA variables is prioritized in translations to this unit.

#### **H-DATA Country-Year Unit to H-DATA Dyad-Year Unit translation**

Country-Years are matched to Country-Years using the country identifier for country 1 in the dyad.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

#### **5.46.17 QoG Agency-Fiscal Year Unit**

**Translation Path: Repdem Cabinet-Date → QoG Country-Year → QoG Agency-Fiscal Year**

##### **Repdem Cabinet-Date Unit to QoG Country-Year Unit translation**

REPDEM Cabinet-Date is aggregated to Country-Date by matching cabinets to countries. In the case of date overlaps, the incoming cabinet is given preference over the outgoing cabinet. This is then aggregated to Country-Year and Country-Year is translated to Country-Year selecting and matching the cabinet with the longest tenure in each given year. Rows are added for those years in which a cabinet has been in power throughout the whole year; these rows have the same observations as the first year that cabinet is in power.

REPDEM identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

##### **QoG Country-Year Unit to QoG Agency-Fiscal Year Unit translation**

Country-Year data for Sweden is matched to Agency-Year data based on the agency year.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit

#### **5.46.18 QoG Country Unit**

**Translation Path: Repdem Cabinet-Date → QoG Country-Year → QoG Country**

##### **Repdem Cabinet-Date Unit to QoG Country-Year Unit translation**

REPDEM Cabinet-Date is aggregated to Country-Date by matching cabinets to countries. In the case of date overlaps, the incoming cabinet is given preference over the outgoing cabinet. This is then aggregated to Country-Year and Country-Year is translated to Country-Year selecting and matching the cabinet with the longest tenure in each given year. Rows are added for those years in which a cabinet has been in power throughout the whole year; these rows have the same observations as the first year that cabinet is in power.

REPDEM identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

##### **QoG Country-Year Unit to QoG Country Unit translation**

QoG Country-Year is translated to QoG Country by matching the most recent Country-Year observation to Country observations.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in the primary Output Unit.

#### **Additional information:**

We first duplicate each cabinet observation over individual rows for each year which falls between the date-in and date-out, to create a new unit column for years in which a cabinet was in power. We then count the total

number of days which fall between this interval for each given year, group the data by country, and select the observation with the highest day-count for each year in a country.

#### **5.46.19 QoG NUTS Region-Year Unit**

**Translation Path: Repdem Cabinet-Date → QoG Country-Year → QoG NUTS Region-Year**

##### **Repdem Cabinet-Date Unit to QoG Country-Year Unit translation**

REPDEM Cabinet-Date is aggregated to Country-Date by matching cabinets to countries. In the case of date overlaps, the incoming cabinet is given preference over the outgoing cabinet. This is then aggregated to Country-Year and Country-Year is translated to Country-Year selecting and matching the cabinet with the longest tenure in each given year. Rows are added for those years in which a cabinet has been in power throughout the whole year; these rows have the same observations as the first year that cabinet is in power.

REPDEM identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

##### **QoG Country-Year Unit to QoG NUTS Region-Year Unit translation**

Country-Year is translated to Region-Year by matching country observations to regional observations collected for the NUTS0 level (and thus equal to the country level) and year identifiers to year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit.

#### **5.46.20 V-Dem Party-Country-Year Unit**

**Translation Path: Repdem Cabinet-Date → V-Dem Country-Year → V-Dem Party-Country-Year**

##### **Repdem Cabinet-Date Unit to V-Dem Country-Year Unit translation**

REPDEM Cabinet-Date is aggregated to Country-Date by matching cabinets to countries. In the case of date overlaps, the incoming cabinet is given preference over the outgoing cabinet. This is then aggregated to Country-Year and Country-Year is translated to V-Dem Country-Year selecting and matching the cabinet with the longest tenure in each given year. Rows are added for those years in which a cabinet has been in power throughout the whole year; these rows have the same observations as the first year that cabinet is in power.

REPDEM identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

##### **V-Dem Country-Year Unit to V-Dem Party-Country-Year Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

#### **5.46.21 V-Dem Country-Date-Coder Unit**

**Translation Path: Repdem Cabinet-Date → V-Dem Country-Year → V-Dem Country-Date → V-Dem Country-Date-Coder**

##### **Repdem Cabinet-Date Unit to V-Dem Country-Year Unit translation**

REPDEM Cabinet-Date is aggregated to Country-Date by matching cabinets to countries. In the case of date overlaps, the incoming cabinet is given preference over the outgoing cabinet. This is then aggregated to Country-Year and Country-Year is translated to V-Dem Country-Year selecting and matching the cabinet with the longest tenure in each given year. Rows are added for those years in which a cabinet has been in power throughout the whole year; these rows have the same observations as the first year that cabinet is in power.

REPDEM identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

#### **V-Dem Country-Year Unit to V-Dem Country-Date Unit translation**

Countries are matched to countries and Year is extracted from Dates. Country-Year observations are then matched and duplicated across Country-Years.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

#### **V-Dem Country-Date Unit to V-Dem Country-Date-Coder Unit translation**

Country-Dates are matched to Country-Dates. Country-Date combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit.

### **5.46.22 V-Dem Party-Date-Coder Unit**

**Translation Path: Repdem Cabinet-Date → V-Dem Country-Year → V-Dem Party-Country-Year → V-Dem Party-Date-Coder**

#### **Repdem Cabinet-Date Unit to V-Dem Country-Year Unit translation**

REPDEM Cabinet-Date is aggregated to Country-Date by matching cabinets to countries. In the case of date overlaps, the incoming cabinet is given preference over the outgoing cabinet. This is then aggregated to Country-Year and Country-Year is translated to V-Dem Country-Year selecting and matching the cabinet with the longest tenure in each given year. Rows are added for those years in which a cabinet has been in power throughout the whole year; these rows have the same observations as the first year that cabinet is in power.

REPDEM identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

#### **V-Dem Country-Year Unit to V-Dem Party-Country-Year Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

#### **V-Dem Party-Country-Year Unit to V-Dem Party-Date-Coder Unit translation**

Year is extracted from date. Country-, year- and party identifiers are matched to corresponding country-year-party combinations. Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit.



## 5.47 REPDEM Party Dataset Party Codes

**Dataset tag:** repdem\_parties\_paco

**Output Unit:** Repdem Cabinet-Party; data is collected per cabinet and party.

**Description:** The datasets collect variables containing information on political parties in Europe.

**Dataset citation:**

Bergman, Torbjörn, Gabriella Ilonszki and Wolfgang C. Müller, eds. (2019). *Coalition Governance in Central Eastern Europe*. Oxford: Oxford University Press.;

Bergman, Torbjörn, Hanna Bäck, and Johan Hellström (eds.). (2021). *Coalition Governance in Western Europe*. Oxford: Oxford University Press.;

Hellström, Johan, Torbjörn Bergman, and Hanna Bäck (2021). *Party Government in Europe Database (PAGED)*. Main sponsor: Riksbankens Jubileumsfond (IN150306:1). Available on <https://erdda.org>.

**Comments:**

For party abbreviations see party codebooks:

Western Europe: [https://repdem.org/index.php/download/44/combined-dataset-europe/3737/party\\_codebook\\_we.pdf](https://repdem.org/index.php/download/44/combined-dataset-europe/3737/party_codebook_we.pdf)

Central and Eastern Europe: [https://repdem.org/index.php/download/44/combined-dataset-europe/3736/party\\_codebook\\_cee.pdf](https://repdem.org/index.php/download/44/combined-dataset-europe/3736/party_codebook_cee.pdf)

**License:** REPDEM presents the comparative data collection efforts undertaken by various research and data infrastructure projects on political institutions, political parties, cabinets and governments in Europe. Repdem offers a range of datasets available for free (without even a demand for registration).

More detailed information on the dataset can be found at the following web page: <https://repdem.org/index.php/current-dataset/>

**Unit Notes:** NA

### 5.47.1 REPDEM Cabinet-Party Unit

**Translation Path:** REPDEM Cabinet-Party (Primary Output Unit)

REPDEM Cabinet-Party is the primary unit.

## 5.48 REPDEM Party Dataset Party Strings

**Dataset tag:** repdem\_parties\_pastr

**Output Unit:** Repdem Cabinet-Party; data is collected per cabinet and party.

**Description:** The datasets collect variables containing information on political parties in Europe.

**Dataset citation:**

Bergman, Torbjörn, Gabriella Ilonszki and Wolfgang C. Müller, eds. (2019). *Coalition Governance in Central Eastern Europe*. Oxford: Oxford University Press.;

Bergman, Torbjörn, Hanna Bäck, and Johan Hellström (eds.). (2021). *Coalition Governance in Western Europe*. Oxford: Oxford University Press.;

Hellström, Johan, Torbjörn Bergman, and Hanna Bäck (2021). *Party Government in Europe Database (PAGED)*. Main sponsor: Riksbankens Jubileumsfond (IN150306:1). Available on <https://erdda.org>.

**Comments:**

For party abbreviations see party codebooks:

Western Europe: [https://repdem.org/index.php/download/44/combined-dataset-europe/3737/party\\_codebook\\_we.pdf](https://repdem.org/index.php/download/44/combined-dataset-europe/3737/party_codebook_we.pdf)

Central and Eastern Europe: [https://repdem.org/index.php/download/44/combined-dataset-europe/3736/party\\_codebook\\_cee.pdf](https://repdem.org/index.php/download/44/combined-dataset-europe/3736/party_codebook_cee.pdf)

**License:** REPDEM presents the comparative data collection efforts undertaken by various research and data infrastructure projects on political institutions, political parties, cabinets and governments in Europe. Repdem offers a range of datasets available for free (without even a demand for registration).

More detailed information on the dataset can be found at the following web page: <https://repdem.org/index.php/current-dataset/>

**Unit Notes:** NA

### 5.48.1 REPDEM Cabinet-Party Unit

**Translation Path:** REPDEM Cabinet-Party (Primary Output Unit)

REPDEM Cabinet-Party is the primary unit.

## 5.49 REPDEM PAGED Monthly Party Strings

**Dataset tag:** repdem\_pastr\_month

**Output Unit:** Repdem Cabinet-Month; data is collected per cabinet and date, but the dataset includes one row for each year the cabinet was in power.

**Description:** The Cabinet-Month Version of the REPDEM PAGED Party-Strings Dataset.

**Dataset citation:**

Bergman, Torbjörn, Gabriella Ilonszki and Wolfgang C. Müller, eds. (2019). *Coalition Governance in Central Eastern Europe*. Oxford: Oxford University Press.;

Bergman, Torbjörn, Hanna Bäck, and Johan Hellström (eds.). (2021). *Coalition Governance in Western Europe*. Oxford: Oxford University Press.;

Hellström, Johan, Torbjörn Bergman, and Hanna Bäck (2021). *Party Government in Europe Database (PAGED)*. Main sponsor: Riksbankens Jubileumsfond (IN150306:1). Available on <https://erdda.org>.

**Comments:**

For party abbreviations see party codebooks:

Western Europe: [https://repdem.org/index.php/download/44/combined-dataset-europe/3737/party\\_codebook\\_we.pdf](https://repdem.org/index.php/download/44/combined-dataset-europe/3737/party_codebook_we.pdf)

Central and Eastern Europe: [https://repdem.org/index.php/download/44/combined-dataset-europe/3736/party\\_codebook\\_cee.pdf](https://repdem.org/index.php/download/44/combined-dataset-europe/3736/party_codebook_cee.pdf)

**License:** REPDEM presents the comparative data collection efforts undertaken by various research and data infrastructure projects on political institutions, political parties, cabinets and governments in Europe. Repdem offers a range of datasets available for free (without even a demand for registration).

More detailed information on the dataset can be found at the following web page: <https://repdem.org/index.php/current-dataset/>

**Unit Notes:** NA

### 5.49.1 REPDEM Cabinet-Month Unit

**Translation Path:** REPDEM Cabinet-Month (Primary Output Unit)

REPDEM Cabinet-Month is the primary unit.

## 5.50 REPDEM PAGED Quarterly Party Strings

**Dataset tag:** repdem\_pastr\_quarter

**Output Unit:** Repdem Cabinet-Quarter; data is collected per cabinet and date, but the dataset includes one row for each year the cabinet was in power.

**Description:** The Cabinet-Quarter Version of the REPDEM PAGED Party-Strings Dataset.

**Dataset citation:**

Bergman, Torbjörn, Gabriella Ilonszki and Wolfgang C. Müller, eds. (2019). *Coalition Governance in Central Eastern Europe*. Oxford: Oxford University Press.;

Bergman, Torbjörn, Hanna Bäck, and Johan Hellström (eds.). (2021). *Coalition Governance in Western Europe*. Oxford: Oxford University Press.;

Hellström, Johan, Torbjörn Bergman, and Hanna Bäck (2021). *Party Government in Europe Database (PAGED)*. Main sponsor: Riksbankens Jubileumsfond (IN150306:1). Available on <https://erdda.org>.

**Comments:**

For party abbreviations see party codebooks:

Western Europe: [https://repdem.org/index.php/download/44/combined-dataset-europe/3737/party\\_codebook\\_we.pdf](https://repdem.org/index.php/download/44/combined-dataset-europe/3737/party_codebook_we.pdf)

Central and Eastern Europe: [https://repdem.org/index.php/download/44/combined-dataset-europe/3736/party\\_codebook\\_cee.pdf](https://repdem.org/index.php/download/44/combined-dataset-europe/3736/party_codebook_cee.pdf)

**License:** REPDEM presents the comparative data collection efforts undertaken by various research and data infrastructure projects on political institutions, political parties, cabinets and governments in Europe. Repdem offers a range of datasets available for free (without even a demand for registration).

More detailed information on the dataset can be found at the following web page: <https://repdem.org/index.php/current-dataset/>

**Unit Notes:** NA

### 5.50.1 REPDEM Cabinet-Quarter Unit

**Translation Path:** REPDEM Cabinet-Quarter (Primary Output Unit)

REPDEM Cabinet-Quarter is the primary unit.

## 5.51 REPDEM PAGED Yearly Party Strings

**Dataset tag:** repdem\_pastr\_year

**Output Unit:** Repdem Cabinet-Year; data is collected per cabinet and date, but the dataset includes one row for each year the cabinet was in power.

**Description:** The Cabinet-Year Version of the REPDEM PAGED Party-Strings Dataset.

**Dataset citation:**

Bergman, Torbjörn, Gabriella Ilonszki and Wolfgang C. Müller, eds. (2019). *Coalition Governance in Central Eastern Europe*. Oxford: Oxford University Press.;

Bergman, Torbjörn, Hanna Bäck, and Johan Hellström (eds.). (2021). *Coalition Governance in Western Europe*. Oxford: Oxford University Press.;

Hellström, Johan, Torbjörn Bergman, and Hanna Bäck (2021). *Party Government in Europe Database (PAGED)*. Main sponsor: Riksbankens Jubileumsfond (IN150306:1). Available on <https://erdda.org>.

**Comments:**

For party abbreviations see party codebooks:

Western Europe: [https://repdem.org/index.php/download/44/combined-dataset-europe/3737/party\\_codebook\\_we.pdf](https://repdem.org/index.php/download/44/combined-dataset-europe/3737/party_codebook_we.pdf)

Central and Eastern Europe: [https://repdem.org/index.php/download/44/combined-dataset-europe/3736/party\\_codebook\\_cee.pdf](https://repdem.org/index.php/download/44/combined-dataset-europe/3736/party_codebook_cee.pdf)

**License:** REPDEM presents the comparative data collection efforts undertaken by various research and data infrastructure projects on political institutions, political parties, cabinets and governments in Europe. Repdem offers a range of datasets available for free (without even a demand for registration).

More detailed information on the dataset can be found at the following web page: <https://repdem.org/index.php/current-dataset/>

**Unit Notes:** NA

### 5.51.1 REPDEM Cabinet-Year Unit

**Translation Path:** REPDEM Cabinet-Year (Primary Output Unit)

REPDEM Cabinet-Year is the primary unit.

## 5.52 REPDEM Potential Governments Dataset Party Strings

**Dataset tag:** repdem\_pot\_coal\_pastr

**Output Unit:** Repdem Cabinet-Potential Coalition; data is collected per cabinet and potential coalition partners.

**Description:** The datasets collect variables containing information on potential governments in Europe.

**Dataset citation:**

Bergman, Torbjörn, Gabriella Ilonszki and Wolfgang C. Müller, eds. (2019). *Coalition Governance in Central Eastern Europe*. Oxford: Oxford University Press.;

Bergman, Torbjörn, Hanna Bäck, and Johan Hellström (eds.). (2021). *Coalition Governance in Western Europe*. Oxford: Oxford University Press.;

Hellström, Johan, Torbjörn Bergman, and Hanna Bäck (2021). *Party Government in Europe Database (PAGED)*. Main sponsor: Riksbankens Jubileumsfond (IN150306:1). Available on <https://erdda.org>.

**Comments:**

For party abbreviations see party codebooks:

Western Europe: [https://repdem.org/index.php/download/44/combined-dataset-europe/3737/party\\_codebook\\_we.pdf](https://repdem.org/index.php/download/44/combined-dataset-europe/3737/party_codebook_we.pdf)

Central and Eastern Europe: [https://repdem.org/index.php/download/44/combined-dataset-europe/3736/party\\_codebook\\_cee.pdf](https://repdem.org/index.php/download/44/combined-dataset-europe/3736/party_codebook_cee.pdf)

**License:** REPDEM presents the comparative data collection efforts undertaken by various research and data infrastructure projects on political institutions, political parties, cabinets and governments in Europe. Repdem offers a range of datasets available for free (without even a demand for registration).

More detailed information on the dataset can be found at the following web page: <https://repdem.org/index.php/current-dataset/>

**Unit Notes:** NA

### 5.52.1 REPDEM Cabinet-Potential Coalition Unit

**Translation Path:** REPDEM Cabinet-Potential Coalition (Primary Output Unit)

REPDEM Cabinet-Potential Coalition is the primary unit.

## 5.53 REPDEM Potential Governments Dataset Party Codes

**Dataset tag:** repdem\_pot\_coal\_paco

**Output Unit:** Repdem Cabinet-Potential Coalition; data is collected per cabinet and potential coalition partners.

**Description:** The datasets collect variables containing information on potential governments in Europe.

**Dataset citation:**

Bergman, Torbjörn, Gabriella Ilonszki and Wolfgang C. Müller, eds. (2019). *Coalition Governance in Central Eastern Europe*. Oxford: Oxford University Press.;

Bergman, Torbjörn, Hanna Bäck, and Johan Hellström (eds.). (2021). *Coalition Governance in Western Europe*. Oxford: Oxford University Press.;

Hellström, Johan, Torbjörn Bergman, and Hanna Bäck (2021). *Party Government in Europe Database (PAGED)*. Main sponsor: Riksbankens Jubileumsfond (IN150306:1). Available on <https://erdda.org>.

**Comments:**

For party abbreviations see party codebooks:

Western Europe: [https://repdem.org/index.php/download/44/combined-dataset-europe/3737/party\\_codebook\\_we.pdf](https://repdem.org/index.php/download/44/combined-dataset-europe/3737/party_codebook_we.pdf)

Central and Eastern Europe: [https://repdem.org/index.php/download/44/combined-dataset-europe/3736/party\\_codebook\\_cee.pdf](https://repdem.org/index.php/download/44/combined-dataset-europe/3736/party_codebook_cee.pdf)

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More detailed information on the dataset can be found at the following web page: <https://repdem.org/index.php/current-dataset/>

**Unit Notes:** NA

### 5.53.1 REPDEM Cabinet-Potential Coalition Unit

**Translation Path:** REPDEM Cabinet-Potential Coalition (Primary Output Unit)

REPDEM Cabinet-Potential Coalition is the primary unit.

## 5.54 UCDP Actor Dataset Version 23.1

**Dataset tag:** ucdp\_actor

**Output Unit:** UCDP Actor, i.e., data is collected per actor.

**Description:** A dataset of all the actors (including their full names and alternate names) as available in UCDP datasets version 21.1. The dataset also includes information on which conflicts and dyads the actors have been involved in, as well as information on the groups' origins and alliances.

**Dataset citation:**

Davies, Shawn, Therese Pettersson Magnus Öberg (2023). Organized violence 1989-2022, with a special emphasis on Syria. *Journal of Peace Research*, 60(4)

**License:** UCDP offers a web-based system for visualising, handling and downloading data, including ready-made datasets on organized violence and peacemaking. All UCDP data are free of charge.

More detailed information on the dataset can be found at the following web page: <https://ucdp.uu.se/downloads/index.html#actor>

**Unit Notes:** The unit for this dataset is an actor. That means each row in the dataset can be identified with one unique actor, using the column ActorId.

### 5.54.1 UCDP Actor Unit

**Translation Path: UCDP Actor (Primary Output Unit)**

UCDP Actor is the primary unit.



## 5.55 UCDP Battle-Related Deaths Dataset Conflict Level Version 23.1

**Dataset tag:** ucdp\_brd\_conflict

**Description:** A conflict-level dataset with information on the number of battle-related deaths in the conflicts from 1989-2020 that appear in the UCDP/PRIO Armed Conflict Dataset.

**Dataset citation:**

Davies, Shawn, Therese Pettersson Magnus Öberg (2023). Organized violence 1989-2022 and the return of conflicts between states? *Journal of Peace Research* 60(4).

**License:** UCDP offers a web-based system for visualising, handling and downloading data, including ready-made datasets on organized violence and peacemaking. All UCDP data are free of charge.

More detailed information on the dataset can be found at the following web page: <https://ucdp.uu.se/downloads/index.html>

**Unit Notes:** The unit for this dataset is a conflict and year. That means there is one row for each combination of conflict and year in the dataset. This unit is identified using the conflict\_id column and the year column.

### 5.55.1 UCDP Conflict-Year Unit

**Translation Path:** UCDP Conflict-Year (Primary Output Unit)

UCDP Conflict-Year is the primary unit.

**Additional information:**

Set to false because dataset already exists as an aggregated version at the dyad year level

### 5.55.2 UCDP Event ID Unit

**Translation Path:** UCDP Conflict-Year → UCDP Event ID

**UCDP Conflict-Year Unit to UCDP Event ID Unit translation**

Conflict-Year observations are matched to Conflict-Year observations.

Conflict-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that the dataset may only contain a subset of conflicts and years included in its primary Output Unit.

### 5.55.3 UCDP Peace Agreement-Conflict-Year Unit

**Translation Path:** UCDP Conflict-Year → UCDP Peace Agreement-Conflict-Year

**UCDP Conflict-Year Unit to UCDP Peace Agreement-Conflict-Year Unit translation**

Conflict-Year observations are matched to Conflict-Year observations.

Conflict-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that the dataset may only contain a subset of conflicts and years included in its primary Output Unit.

## 5.56 UCDP Battle-Related Deaths Dataset, Dyadic Level Version 23.1

**Dataset tag:** ucdp\_brd\_dyadic

**Output Unit:** UCDP Dyad-Year, i.e., data is collected per dyad and year.

**Description:** A dyad-year dataset with information on the number of battle-related deaths in the conflicts from 1989-2020 that appear in the UCDP/PRIO Armed Conflict Dataset.

**Dataset citation:**

Davies, Shawn, Therese Petterson Magnus Öberg (2023). Organized violence 1989-2022 and the return of conflicts between states? *Journal of Peace Research* 60(4).

**License:** UCDP offers a web-based system for visualising, handling and downloading data, including ready-made datasets on organized violence and peacemaking. All UCDP data are free of charge.

More detailed information on the dataset can be found at the following web page: <https://ucdp.uu.se/downloads/index.html>

**Unit Notes:** The unit for this dataset is a conflict dyad and year. That means there is one row for each combination of dyad and year in the dataset. This unit is identified using the dyad\_id column and the year column.

### 5.56.1 UCDP Dyad-Year Unit

**Translation Path:** UCDP Dyad-Year (Primary Output Unit)

UCDP Dyad-Year is the primary unit.

### 5.56.2 UCDP Event ID Unit

**Translation Path:** UCDP Dyad-Year → UCDP Event ID

**UCDP Dyad-Year Unit to UCDP Event ID Unit translation**

Dyad-Year observations are matched to Dyad-Year observations.

Dyad-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that the dataset may only contain a subset of dyads and years included in its primary Output Unit.

### 5.56.3 UCDP Peace Agreement-Dyad-Year Unit

**Translation Path:** UCDP Dyad-Year → UCDP Peace Agreement-Dyad-Year

**UCDP Dyad-Year Unit to UCDP Peace Agreement-Dyad-Year Unit translation**

Dyad-Year observations are matched to Dyad-Year observations.

Dyad-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that the dataset may only contain a subset of dyads and years included in its primary Output Unit.

## 5.57 UCDP Dyadic Dataset Version 23.1

**Dataset tag:** ucdp\_dyadic

**Output Unit:** UCDP Dyad-Year, i.e., data is collected per dyad and year.

**Description:** A dyad-year version of the UCDP/PRIO Armed Conflict Dataset. A dyad consists of two opposing actors in an armed conflict where at least one party is the government of a state.

**Dataset citation:**

Davies, Shawn, Therese Pettersson Magnus Öberg (2023). Organized violence 1989-2022 and the return of conflicts between states? *Journal of Peace Research* 60(4).

Harbom, Lotta, Erik Melander Peter Wallensteen (2008) Dyadic Dimensions of Armed Conflict, 1946-2007. *Journal of Peace Research*, 45(5).

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More detailed information on the dataset can be found at the following web page: <https://ucdp.uu.se/downloads/index.html>

**Unit Notes:** The unit for this dataset is a dyad and year. That means for each combination of dyad and year there is one row in the dataset. This unit is identified using the dyad\_id column and the year column.

### 5.57.1 UCDP Dyad-Year Unit

**Translation Path: UCDP Dyad-Year (Primary Output Unit)**

UCDP Dyad-Year is the primary unit.

### 5.57.2 UCDP Event ID Unit

**Translation Path: UCDP Dyad-Year → UCDP Event ID**

**UCDP Dyad-Year Unit to UCDP Event ID Unit translation**

Dyad-Year observations are matched to Dyad-Year observations.

Dyad-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that the dataset may only contain a subset of dyads and years included in its primary Output Unit.

### 5.57.3 UCDP Peace Agreement-Dyad-Year Unit

**Translation Path: UCDP Dyad-Year → UCDP Peace Agreement-Dyad-Year**

**UCDP Dyad-Year Unit to UCDP Peace Agreement-Dyad-Year Unit translation**

Dyad-Year observations are matched to Dyad-Year observations.

Dyad-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that the dataset may only contain a subset of dyads and years included in its primary Output Unit.

## 5.58 UCDP External Support Dataset - Actor Year

*Dataset tag:* ucdp\_esd\_ay

*Output Unit:* UCDP Actor-Dyad-Year, i.e., data is collected per actor, dyad and year.

*Description:* The UCDP ESD is a dataset providing information on the existence, type, and provider of external support for all warring parties (actors) coded as active in UCDP data, on an annual basis, between 1975 and 2017. The ESD builds on the UCDP Dyadic Dataset 18.1 derived from the UCDP/PRIO Armed Conflict Dataset 18.1 but goes beyond the dyad-level and offers the warring party-opponent-year (actor-year) as well as the warring-party-supporter-opponent-year (or triad-year) as units of analysis in addition to the dyad-year.

The actor-year dataset (ESD AY) contains all support a recipient receives in a given dyad-year. If more than one external supporter provides external support, the external support is combined and presented as aggregate measures. It thus contains one observation (row) for each actor per dyad-year. This version is appropriate where the focus rests on the recipients of external support regardless of which external supporters provide the support.

*Dataset citation:*

Meier, Vanessa, Niklas Karlén, Therése Pettersson Mihai Croicu (2022). External Support in Armed Conflicts. Introducing the UCDP External Support Dataset (ESD), 1975-2017. *Journal of Peace Research*. Online First.

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More detailed information on the dataset can be found at the following web page: <https://ucdp.uu.se/downloads/index.html#externalsupportns>

**Unit Notes:** The unit for this dataset is an actor, dyad and year. The dataset thus contains one observation (row) for each actor per dyad-year. The columns forming the unit are actor\_id, dyad\_id and year. The unit can also be expressed using the columns actor\_name, dyad\_name and year.

### 5.58.1 UCDP Actor-Dyad-Year Unit

**Translation Path: UCDP Actor-Dyad-Year (Primary Output Unit)**

UCDP Actor-Dyad-Year is the primary unit.

## 5.59 UCDP External Support Dataset - Dyad Year

*Dataset tag:* ucdp\_esd\_dy

*Output Unit:* UCDP Dyad-Year, i.e., data is collected per dyad and year.

*Description:* The UCDP ESD is a dataset providing information on the existence, type, and provider of external support for all warring parties (actors) coded as active in UCDP data, on an annual basis, between 1975 and 2017. The ESD builds on the UCDP Dyadic Dataset 18.1 derived from the UCDP/PRIO Armed Conflict Dataset 18.1 but goes beyond the dyad-level and offers the warring party-opponent-year (actor-year) as well as the warring-party-supporter-opponent-year (or triad-year) as units of analysis in addition to the dyad-year.

The dyad-level dataset (ESD DY) is the most aggregated version of the three datasets and presents information on external support to the conflict-dyad as a whole at the dyad-year unit of analysis. If more than one external supporter provides external support, the external support is combined and presented as aggregate measures. As such it contains one observation (row) for each dyad per year. This version is appropriate where existing data is in a dyad-year structure or the focus rests on the impact of external support on conflict more generally.

*Dataset citation:*

Meier, Vanessa, Niklas Karlén, Therése Pettersson Mihai Croicu (2022). External Support in Armed Conflicts. Introducing the UCDP External Support Dataset (ESD), 1975-2017. *Journal of Peace Research*. Online First.

*License:* UCDP offers a web-based system for visualising, handling and downloading data, including ready-made datasets on organized violence and peacemaking. All UCDP data are free of charge.

More detailed information on the dataset can be found at the following web page: <https://ucdp.uu.se/downloads/index.html#externalsupportns>

**Unit Notes:** The unit for this dataset is a dyad and year. The dataset thus contains one observation (row) for each dyad-year. The columns forming the unit are `dyad_id` and `year`, or, using the full names of the Dyads, `dyad_name` and `year`.

### 5.59.1 UCDP Dyad-Year Unit

**Translation Path:** UCDP Dyad-Year (Primary Output Unit)

UCDP Dyad-Year is the primary unit.

### 5.59.2 UCDP Event ID Unit

**Translation Path:** UCDP Dyad-Year → UCDP Event ID

**UCDP Dyad-Year Unit to UCDP Event ID Unit translation**

Dyad-Year observations are matched to Dyad-Year observations.

Dyad-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that the dataset may only contain a subset of dyads and years included in its primary Output Unit.

### 5.59.3 UCDP Peace Agreement-Dyad-Year Unit

**Translation Path:** UCDP Dyad-Year → UCDP Peace Agreement-Dyad-Year

**UCDP Dyad-Year Unit to UCDP Peace Agreement-Dyad-Year Unit translation**

Dyad-Year observations are matched to Dyad-Year observations.

Dyad-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that the dataset may only contain a subset of dyads and years included in its primary Output

Unit.

## 5.60 UCDP External Support in Non-state Conflict Dataset

*Dataset tag:* ucdp\_extsupp

*Output Unit:* UCDP Dyad-Year, i.e., data is collected per dyad and year.

*Description:* A dyad-year dataset containing information on external support in non-state conflict. The dataset covers non-state conflicts in Africa, 1989-2011 and is compatible with the UCDP Non-State Conflict Dataset v. 2.5-2016.

The data builds on and extends the UCDP External Support Dataset and the UCDP Non-State Conflict Dataset by introducing additional information on external support to warring parties in non-state conflicts.

*Dataset citation:*

Nina von Uexkull Therese Pettersson (2018) Issues and Actors in African Nonstate Conflicts: A New Data Set. *International Interactions*. <https://www.tandfonline.com/doi/full/10.1080/03050629.2018.1493478>

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More detailed information on the dataset can be found at the following web page: <https://ucdp.uu.se/downloads/index.html>

**Unit Notes:** The unit for this dataset is a dyad and year. That means there is one row for each combination of dyad and year in the dataset. This unit is identified using the dyadid\_new column and the year column.

### 5.60.1 UCDP Dyad-Year Unit

**Translation Path:** UCDP Dyad-Year (Primary Output Unit)

UCDP Dyad-Year is the primary unit.

### 5.60.2 UCDP Event ID Unit

**Translation Path:** UCDP Dyad-Year → UCDP Event ID

**UCDP Dyad-Year Unit to UCDP Event ID Unit translation**

Dyad-Year observations are matched to Dyad-Year observations.

Dyad-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that the dataset may only contain a subset of dyads and years included in its primary Output Unit.

### 5.60.3 UCDP Peace Agreement-Dyad-Year Unit

**Translation Path:** UCDP Dyad-Year → UCDP Peace Agreement-Dyad-Year

**UCDP Dyad-Year Unit to UCDP Peace Agreement-Dyad-Year Unit translation**

Dyad-Year observations are matched to Dyad-Year observations.

Dyad-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that the dataset may only contain a subset of dyads and years included in its primary Output Unit.

## 5.61 UCDP Georeferenced Event Dataset (GED) Version 23.1

**Dataset tag:** ucdp\_ged

**Output Unit:** UCDP Event ID, i.e., data is collected per event.

**Description:** This dataset is UCDP's most disaggregated dataset, covering individual events of organized violence (phenomena of lethal violence occurring at a given time and place). These events are sufficiently fine-grained to be geo-coded down to the level of individual villages, with temporal durations disaggregated to single, individual days.

**Dataset citation:**

Davies, Shawn, Therese Pettersson Magnus Öberg (2023). Organized violence 1989-2022 and drone warfare. *Journal of Peace Research* 60(4).

Sundberg, Ralph and Erik Melander (2013) Introducing the UCDP Georeferenced Event Dataset. *Journal of Peace Research*, 50(4).

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More detailed information on the dataset can be found at the following web page: <https://ucdp.uu.se/downloads/index.html>

**Unit Notes:** The unit for this dataset is an event. That means each row in the dataset corresponds to one event. The column identifying this unit is id. We include additional identifier columns as unit columns nonetheless as they are used for aggregating and disaggregating the dataset for further translations.

### 5.61.1 UCDP Event ID Unit

**Translation Path:** UCDP Event ID (Primary Output Unit)

UCDP Event ID is the primary unit.



## 5.62 UCDP Non-State Conflict Dataset Version 23.1

**Dataset tag:** ucdp\_nonstate

**Output Unit:** UCDP Conflict-Year, i.e., data is collected per conflict and year.

**Description:** A conflict-year dataset containing information on communal and organized armed conflict where none of the parties is the government of a state.

**Dataset citation:**

Davies, Shawn, Therese Pettersson Magnus Öberg (2023). Organized violence 1989-2022 and the return of conflicts between states?. *Journal of Peace Research*. 60(4).

Sundberg, Ralph, Kristine Eck and Joakim Kreutz (2012) Introducing the UCDP Non-State Conflict Dataset. *Journal of Peace Research*. 49(2).

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Sundberg, Ralph, Kristine Eck and Joakim Kreutz (2012) Introducing the UCDP Non-State Conflict Dataset. *Journal of Peace Research*, 49(2).

More detailed information on the dataset can be found at the following web page: <https://ucdp.uu.se/downloads/index.html>

**Unit Notes:** The unit of this dataset is conflict and year. This means that each row in the dataset can be identified by a combination of conflict\_id and year.

The unit of this dataset is also dyad and year. This means that each row in the dataset can be identified by a combination of dyad\_id and year.

### 5.62.1 UCDP Conflict-Year Unit

**Translation Path: UCDP Conflict-Year (Primary Output Unit)**

UCDP Conflict-Year is the primary unit.

### 5.62.2 UCDP Event ID Unit

**Translation Path: UCDP Conflict-Year → UCDP Event ID**

**UCDP Conflict-Year Unit to UCDP Event ID Unit translation**

Conflict-Year observations are matched to Conflict-Year observations.

Conflict-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that the dataset may only contain a subset of conflicts and years included in its primary Output Unit.

### 5.62.3 UCDP Peace Agreement-Conflict-Year Unit

**Translation Path: UCDP Conflict-Year → UCDP Peace Agreement-Conflict-Year**

**UCDP Conflict-Year Unit to UCDP Peace Agreement-Conflict-Year Unit translation**

Conflict-Year observations are matched to Conflict-Year observations.

Conflict-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that the dataset may only contain a subset of conflicts and years included in its primary Output Unit.

## 5.63 UCDP Non-state Conflict Issues and Actors Dataset

*Dataset tag:* ucdp\_nscia

*Output Unit:* UCDP Dyad-Year, i.e., data is collected per dyad and year.

*Description:* A dyad-year dataset containing information on conflict issues and key actor characteristics in non-state conflict. The dataset covers non-state conflicts in Africa, 1989-2011 and is compatible with the UCDP Non-State Conflict Dataset v. 2.5-2016.

The data builds on and extends the UCDP Non-State Conflict Dataset by introducing additional information on what the actors in the conflict are fighting over, alongside actor characteristics. The data set distinguishes between two main categories of issues, territory or authority, in addition to a residual category of other issues.

*Dataset citation:*

Nina von Uexkull Therese Pettersson (2018) Issues and Actors in African Nonstate Conflicts: A New Data Set. *International Interactions*. <https://www.tandfonline.com/doi/full/10.1080/03050629.2018.1493478>

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More detailed information on the dataset can be found at the following web page: <https://ucdp.uu.se/downloads/index.html>

**Unit Notes:** The unit for this dataset is dyad and year. This means that each row in the dataset can also be identified by a combination of dyadid\_new and year.

### 5.63.1 UCDP Dyad-Year Unit

**Translation Path:** UCDP Dyad-Year (Primary Output Unit)

UCDP Dyad-Year is the primary unit.

### 5.63.2 UCDP Event ID Unit

**Translation Path:** UCDP Dyad-Year → UCDP Event ID

**UCDP Dyad-Year Unit to UCDP Event ID Unit translation**

Dyad-Year observations are matched to Dyad-Year observations.

Dyad-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that the dataset may only contain a subset of dyads and years included in its primary Output Unit.

### 5.63.3 UCDP Peace Agreement-Dyad-Year Unit

**Translation Path:** UCDP Dyad-Year → UCDP Peace Agreement-Dyad-Year

**UCDP Dyad-Year Unit to UCDP Peace Agreement-Dyad-Year Unit translation**

Dyad-Year observations are matched to Dyad-Year observations.

Dyad-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that the dataset may only contain a subset of dyads and years included in its primary Output Unit.

## 5.64 UCDP One-sided Violence Dataset Version 23.1

**Dataset tag:** ucdp\_onesided

**Output Unit:** UCDP Dyad-Year, i.e., data is collected per dyad and year.

**Description:** An actor-year dataset with information of intentional attacks on civilians by governments and formally organized armed groups.

**Dataset citation:**

Davies, Shawn, Therese Pettersson Magnus Öberg (2023). Organized violence 1989-2022 and the return of conflicts between states?. *Journal of Peace Research* 60(4).

Eck, Kristine Lisa Hultman (2007) Violence Against Civilians in War. *Journal of Peace Research*, 44(2).

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More detailed information on the dataset can be found at the following web page: <https://ucdp.uu.se/downloads/index.html>

**Unit Notes:** The unit for this dataset is actor and year. That means each row in the dataset can be identified with one unique actor in combination with year, using the column either actor\_id and year.

### 5.64.1 UCDP Dyad-Year Unit

**Translation Path:** UCDP Dyad-Year (Primary Output Unit)

UCDP Dyad-Year is the primary unit.

### 5.64.2 UCDP Event ID Unit

**Translation Path:** UCDP Dyad-Year → UCDP Event ID

**UCDP Dyad-Year Unit to UCDP Event ID Unit translation**

Dyad-Year observations are matched to Dyad-Year observations.

Dyad-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that the dataset may only contain a subset of dyads and years included in its primary Output Unit.

### 5.64.3 UCDP Peace Agreement-Dyad-Year Unit

**Translation Path:** UCDP Dyad-Year → UCDP Peace Agreement-Dyad-Year

**UCDP Dyad-Year Unit to UCDP Peace Agreement-Dyad-Year Unit translation**

Dyad-Year observations are matched to Dyad-Year observations.

Dyad-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that the dataset may only contain a subset of dyads and years included in its primary Output Unit.

## 5.65 UCDP Intrastate Conflict Level Multiple Onset Dataset

**Dataset tag:** `ucdp_onset_intra_multiple`

**Output Unit:** UCDP Country-Year-Conflict, i.e., data is collected per country, year and conflict.

**Description:** UCDP provides onset datasets for interstate and intrastate conflict, coding onsets in three distinct ways for each type of conflict, resulting in six distinct datasets. All datasets contain variables recording onsets of new armed conflict, and re-starts of previously active armed conflict after 1, 2, 3, 5, 10, and 20-years of inactivity.

The intrastate datasets contain onsets for all intrastate (type 3) and internationalized intrastate (type 4) conflicts in the UCDP/PRIO Armed Conflict Dataset.

The UCDP Intrastate Country Level Multiple Onset Dataset uses the unique conflict id as the basis for determining whether there is an onset of a new intrastate conflict, but uses country id (`gwno_a`) to determine whether intrastate conflict in the country is re-starting after 1, 2, 3, 5, 10 or 20-years. Thus, when determining whether a new onset has occurred the conflict (identified by conflict id) is compared only to its own history; but when determining whether an intrastate conflict restarted the conflict (identified by conflict id) is compared to the history of all intrastate conflict within the state (identified by `gwno_a`), and not just its own history. This allows for the onset of new intrastate conflicts (based on conflict id) in countries with ongoing intrastate conflict. Thus, in this dataset countries with ongoing intrastate conflict(s) are considered at risk of new onsets of intrastate conflict.

**Dataset citation:**

Gleditsch, Nils Petter; Peter Wallensteen, Mikael Eriksson, Margareta Sollenberg Håvard Strand (2002) Armed Conflict 1946–2001: A New Dataset. *Journal of Peace Research*, 39(5).

Davies, Shawn, Therese Pettersson Magnus Öberg (2022). Organized violence 1989-2021 and drone warfare. *Journal of Peace Research* 59(4).

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More detailed information on the dataset can be found at the following web page: <https://ucdp.uu.se/downloads/index.html>

**Unit Notes:** The unit for this dataset is a conflict onset. Each row in the dataset can be identified through a combination of year, country and conflict, represented through the columns `year`, either `gwno_a` or `name` or `abc`, and `conflict_ids`.

However, the column `conflict_ids` has missing values. Note that at a later stage for translations it might be necessary to set missing values in `conflict_ids` to a value, e.g. -66 to distinguish between knowing that there is no `conflict_id` vs. having no information about a possible conflict id.

### 5.65.1 UCDP Country-Year-Conflict Unit

**Translation Path:** UCDP Country-Year-Conflict (Primary Output Unit)

UCDP Country-Year-Conflict is the primary unit.

## 5.66 UCDP Intrastate Conflict Level Onset Dataset Version 1

**Dataset tag:** ucdp\_onset\_inter\_v1

**Output Unit:** UCDP Country-Year-Conflict, i.e., data is collected per country, year and conflict.

**Description:** UCDP provides onset datasets for interstate and intrastate conflict, coding onsets in three distinct ways for each type of conflict, resulting in six distinct datasets. All datasets contain variables recording onsets of new armed conflict, and re-starts of previously active armed conflict after 1, 2, 3, 5, 10, and 20-years of inactivity.

The intrastate datasets contain onsets for all intrastate (type 3) and internationalized intrastate (type 4) conflicts in the UCDP/PRIO Armed Conflict Dataset.

The UCDP Intrastate Conflict Level Onset Dataset uses the unique conflict id as the basis for determining whether it is a new conflict, and whether it is re-starting after 1, 2, 3, 5, 10 or 20-years. Thus, when determining whether an onset has occurred the conflict (identified by conflict id) is only compared to its own history. This means that there can be multiple onsets of conflicts with different “conflict id”s in the same country, even in the same year, and there can be onsets of conflicts while conflicts with other “conflict id”s are ongoing in the same country. Each onset is a separate row in the data, and there may thus be multiple entries for one country year.

**Dataset citation:**

Gleditsch, Nils Petter; Peter Wallensteen, Mikael Eriksson, Margareta Sollenberg Håvard Strand (2002) Armed Conflict 1946–2001: A New Dataset. *Journal of Peace Research*, 39(5).

Davies, Shawn, Therese Pettersson Magnus Öberg (2022). Organized violence 1989-2021 and drone warfare. *Journal of Peace Research* 59(4).

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More detailed information on the dataset can be found at the following web page: <https://ucdp.uu.se/downloads/index.html>

**Unit Notes:** The unit for this dataset is a conflict onset. Each row in the dataset can be identified through a combination of year, country and conflict, represented through the columns year, either gwno\_a or name or abc, and conflict\_ids.

However, the column conflict\_ids has missing values. Note that at a later stage for translations it might be necessary to set missing values in conflict\_ids to a value, e.g. -66 to distinguish between knowing that there is no conflict\_id vs. having no information about a possible conflict id.

### 5.66.1 UCDP Country-Year-Conflict Unit

**Translation Path: UCDP Country-Year-Conflict (Primary Output Unit)**

UCDP Country-Year-Conflict is the primary unit.

## 5.67 UCDP Intrastate Conflict Level Onset Dataset Version 2

**Dataset tag:** ucdp\_onset\_inter\_v2

**Output Unit:** UCDP Country-Year, i.e., data is collected per country and year.

**Description:** UCDP provides onset datasets for interstate and intrastate conflict, coding onsets in three distinct ways for each type of conflict, resulting in six distinct datasets. All datasets contain variables recording onsets of new armed conflict, and re-starts of previously active armed conflict after 1, 2, 3, 5, 10, and 20-years of inactivity.

The intrastate datasets contain onsets for all intrastate (type 3) and internationalized intrastate (type 4) conflicts in the UCDP/PRIO Armed Conflict Dataset.

The UCDP Intrastate Country Level Onset Dataset uses the unique country id (gwno\_a) as the basis for determining whether it is a new onset of an intrastate armed conflict in a country, and whether it is re-starting after 1, 2, 3, 5, 10 or 20-years. Thus, when determining whether an intrastate conflict onset has occurred the conflict (identified by conflict id) is compared to the history of all intrastate conflict within the state (identified by gwno\_a), and not just its own history. This means that there cannot be multiple onsets of conflicts the same country-year, and there can be no onsets of intrastate conflicts while intrastate conflicts with the same or other “conflict id”s are ongoing in the same country. Thus, in this dataset countries with ongoing intrastate conflict(s) are not considered at risk of new onsets of intrastate conflict. Each country-year can only appear once in the data.

### **Dataset citation:**

Gleditsch, Nils Petter; Peter Wallensteen, Mikael Eriksson, Margareta Sollenberg Håvard Strand (2002) Armed Conflict 1946–2001: A New Dataset. *Journal of Peace Research*, 39(5).

Davies, Shawn, Therese Pettersson Magnus Öberg (2022). Organized violence 1989-2021 and drone warfare. *Journal of Peace Research* 59(4).

**License:** UCDP offers a web-based system for visualising, handling and downloading data, including ready-made datasets on organized violence and peacemaking. All UCDP data are free of charge.

More detailed information on the dataset can be found at the following web page: <https://ucdp.uu.se/downloads/index.html>

**Unit Notes:** The unit for this dataset is country and year. This means each row in the dataset can be identified through a combination of country and year represented through the columns year, and either gwno\_a or name or abc.

### 5.67.1 UCDP Country-Year Unit

**Translation Path:** UCDP Country-Year (Primary Output Unit)

UCDP Country-Year is the primary unit.

### 5.67.2 Complab Country-Year Unit

**Translation Path:** UCDP Country-Year → Complab Country-Year

**UCDP Country-Year Unit to Complab Country-Year Unit translation**

UCDP Country-Year is translated to COMPLAB Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected UCDP variables may only contain observations for a subset of countries and years included in their primary Output Unit. UCDP identifier combinations that cannot be matched to COMPLAB identifier combinations are dropped, as data-quality for COMPLAB variables is prioritized in translations to this unit.

### 5.67.3 Demscore Country-Year Unit

**Translation Path:** UCDP Country-Year → Demscore Country-Year

**UCDP Country-Year Unit to Demscore Country-Year Unit translation**

UCDP Country-Year is translated to DEMSCORE Country-Year by matching country and year identifiers from both Output Units.

UCDP identifier combinations that cannot be matched to DEMSCORE identifier combinations are dropped.

#### **5.67.4 H-DATA Country-Year Unit**

**Translation Path: UCDP Country-Year → H-DATA Country-Year**

##### **UCDP Country-Year Unit to H-DATA Country-Year Unit translation**

UCDP Country-Year is translated to H-DATA Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected UCDP variables may only contain observations for a subset of countries and years included in their primary Output Unit. UCDP identifier combinations that cannot be matched to H-DATA identifier combinations are dropped, as data-quality for H-DATA variables is prioritized in translations to this unit.

#### **5.67.5 QoG Country-Year Unit**

**Translation Path: UCDP Country-Year → QoG Country-Year**

##### **UCDP Country-Year Unit to QoG Country-Year Unit translation**

UCDP Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected UCDP variables may only contain observations for a subset of countries and years included in their primary Output Unit. UCDP identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

#### **5.67.6 REPDEM Cabinet-Party Unit**

**Translation Path: UCDP Country-Year → REPDEM Cabinet-Party**

##### **UCDP Country-Year Unit to REPDEM Cabinet-Party Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

#### **5.67.7 REPDEM Country-Year Unit**

**Translation Path: UCDP Country-Year → REPDEM Country-Year**

##### **UCDP Country-Year Unit to REPDEM Country-Year Unit translation**

UCDP Country-Year is translated to REPDEM Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected UCDP variables may only contain observations for a subset of countries and years included in their primary Output Unit. UCDP identifier combinations that cannot be matched to REPDEM identifier combinations are dropped, as data-quality for REPDEM variables is prioritized in translations to this unit.

#### **5.67.8 Repdem Cabinet-Date Unit**

**Translation Path: UCDP Country-Year → Repdem Cabinet-Date**

##### **UCDP Country-Year Unit to Repdem Cabinet-Date Unit translation**

UCDP Country-Year observations are matched to the final year a cabinet was in office.

Please note that your selected UCDP variables may only contain observations for a subset of countries and years included in their primary Output Unit. UCDP identifier combinations that cannot be matched to REPDEM identifier combinations are dropped, as data-quality for REPDEM variables is prioritized in translations to this unit.

### **5.67.9 UCDP Organized Violence Country-Year Unit**

**Translation Path: UCDP Country-Year → UCDP Organized Violence Country-Year**

**UCDP Country-Year Unit to UCDP Organized Violence Country-Year Unit translation**

UCDP Country-years are matched to UCDP country-years using the Gleditsch and Ward country identifier and the year identifier.

### **5.67.10 UCDP Peace Agreement-Country-Year Unit**

**Translation Path: UCDP Country-Year → UCDP Peace Agreement-Country-Year**

**UCDP Country-Year Unit to UCDP Peace Agreement-Country-Year Unit translation**

Country-Year observations are matched to Country-Year observations.

Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that the dataset may only contain a subset of countries and years included in its primary Output Unit.

### **5.67.11 V-Dem Country-Year Unit**

**Translation Path: UCDP Country-Year → V-Dem Country-Year**

**UCDP Country-Year Unit to V-Dem Country-Year Unit translation**

UCDP Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected UCDP variables may only contain observations for a subset of countries and years included in their primary Output Unit. UCDP identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

### **5.67.12 Complab Country-Year-Policy Unit**

**Translation Path: UCDP Country-Year → Complab Country-Year → Complab Country-Year-Policy**

**UCDP Country-Year Unit to Complab Country-Year Unit translation**

UCDP Country-Year is translated to COMPLAB Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected UCDP variables may only contain observations for a subset of countries and years included in their primary Output Unit. UCDP identifier combinations that cannot be matched to COMPLAB identifier combinations are dropped, as data-quality for COMPLAB variables is prioritized in translations to this unit.

**Complab Country-Year Unit to Complab Country-Year-Policy Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output



Unit.

### **5.67.13 Complab Country-Year-Track Unit**

**Translation Path:** UCDP Country-Year → Complab Country-Year → Complab Country-Year-Track

#### **UCDP Country-Year Unit to Complab Country-Year Unit translation**

UCDP Country-Year is translated to COMPLAB Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected UCDP variables may only contain observations for a subset of countries and years included in their primary Output Unit. UCDP identifier combinations that cannot be matched to COMPLAB identifier combinations are dropped, as data-quality for COMPLAB variables is prioritized in translations to this unit.

#### **Complab Country-Year Unit to Complab Country-Year-Track Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

### **5.67.14 H-DATA Dyad-Year Unit**

**Translation Path:** UCDP Country-Year → H-DATA Country-Year → H-DATA Dyad-Year

#### **UCDP Country-Year Unit to H-DATA Country-Year Unit translation**

UCDP Country-Year is translated to H-DATA Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected UCDP variables may only contain observations for a subset of countries and years included in their primary Output Unit. UCDP identifier combinations that cannot be matched to H-DATA identifier combinations are dropped, as data-quality for H-DATA variables is prioritized in translations to this unit.

#### **H-DATA Country-Year Unit to H-DATA Dyad-Year Unit translation**

Country-Years are matched to Country-Years using the country identifier for country 1 in the dyad.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

### **5.67.15 QoG Agency-Fiscal Year Unit**

**Translation Path:** UCDP Country-Year → QoG Country-Year → QoG Agency-Fiscal Year

#### **UCDP Country-Year Unit to QoG Country-Year Unit translation**

UCDP Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected UCDP variables may only contain observations for a subset of countries and years included in their primary Output Unit. UCDP identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

#### **QoG Country-Year Unit to QoG Agency-Fiscal Year Unit translation**

Country-Year data for Sweden is matched to Agency-Year data based on the agency year.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit

#### **5.67.16 QoG NUTS Region-Year Unit**

**Translation Path: UCDP Country-Year → QoG Country-Year → QoG NUTS Region-Year**

##### **UCDP Country-Year Unit to QoG Country-Year Unit translation**

UCDP Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected UCDP variables may only contain observations for a subset of countries and years included in their primary Output Unit. UCDP identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

##### **QoG Country-Year Unit to QoG NUTS Region-Year Unit translation**

Country-Year is translated to Region-Year by matching country observations to regional observations collected for the NUTS0 level (and thus equal to the country level) and year identifiers to year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit.

#### **5.67.17 V-Dem Country-Date Unit**

**Translation Path: UCDP Country-Year → V-Dem Country-Year → V-Dem Country-Date**

##### **UCDP Country-Year Unit to V-Dem Country-Year Unit translation**

UCDP Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected UCDP variables may only contain observations for a subset of countries and years included in their primary Output Unit. UCDP identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

##### **V-Dem Country-Year Unit to V-Dem Country-Date Unit translation**

Countries are matched to countries and Year is extracted from Dates. Country-Year observations are then matched and duplicated across Country-Years.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

#### **5.67.18 V-Dem Party-Country-Year Unit**

**Translation Path: UCDP Country-Year → V-Dem Country-Year → V-Dem Party-Country-Year**

##### **UCDP Country-Year Unit to V-Dem Country-Year Unit translation**

UCDP Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected UCDP variables may only contain observations for a subset of countries and years included in their primary Output Unit. UCDP identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

##### **V-Dem Country-Year Unit to V-Dem Party-Country-Year Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

#### **5.67.19 QoG NUTS2 Region Unit**

**Translation Path: UCDP Country-Year → QoG Country-Year → QoG NUTS Region-Year → QoG NUTS2 Region**

##### **UCDP Country-Year Unit to QoG Country-Year Unit translation**

UCDP Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected UCDP variables may only contain observations for a subset of countries and years included in their primary Output Unit. UCDP identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

##### **QoG Country-Year Unit to QoG NUTS Region-Year Unit translation**

Country-Year is translated to Region-Year by matching country observations to regional observations collected for the NUTS0 level (and thus equal to the country level) and year identifiers to year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit.

##### **QoG NUTS Region-Year Unit to QoG NUTS2 Region Unit translation**

Observations for 2021 from the QoG Region Year Output Unit are matched to Country-Year.

Please note that the dataset may only contain a subset of regions and years included in its primary Output Unit.

#### **5.67.20 V-Dem Country-Date-Coder Unit**

**Translation Path: UCDP Country-Year → V-Dem Country-Year → V-Dem Country-Date → V-Dem Country-Date-Coder**

##### **UCDP Country-Year Unit to V-Dem Country-Year Unit translation**

UCDP Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected UCDP variables may only contain observations for a subset of countries and years included in their primary Output Unit. UCDP identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

##### **V-Dem Country-Year Unit to V-Dem Country-Date Unit translation**

Countries are matched to countries and Year is extracted from Dates. Country-Year observations are then matched and duplicated across Country-Years.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

##### **V-Dem Country-Date Unit to V-Dem Country-Date-Coder Unit translation**

Country-Dates are matched to Country-Dates. Country-Date combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit.

#### **5.67.21 V-Dem Party-Date-Coder Unit**

**Translation Path: UCDP Country-Year → V-Dem Country-Year → V-Dem Party-Country-Year → V-Dem Party-Date-Coder**

### **UCDP Country-Year Unit to V-Dem Country-Year Unit translation**

UCDP Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected UCDP variables may only contain observations for a subset of countries and years included in their primary Output Unit. UCDP identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

### **V-Dem Country-Year Unit to V-Dem Party-Country-Year Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

### **V-Dem Party-Country-Year Unit to V-Dem Party-Date-Coder Unit translation**

Year is extracted from date. Country-, year- and party identifiers are matched to corresponding country-year-party combinations. Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit.

## 5.68 UCDP Country Year Dataset on Organized Violence within Country Borders version 23.1

**Dataset tag:** ucdp\_orgv\_cy

**Output Unit:** UCDP Organized Violence Country-Year, i.e., data is collected per country (territory) and year in which organized violence occurred.

**Description:** This dataset collects data on organized violence within country borders, accounting for different types of violence and separating between interstate and intrastate conflicts. Please note that a country in this dataset refers to the territory on which violence has occurred.

**Dataset citation:**

Davies, Shawn, Therese Pettersson Magnus Öberg (2023). Organized violence 1989-2022 and drone warfare. *Journal of Peace Research* 60(4).

Sundberg, Ralph and Erik Melander (2013) Introducing the UCDP Georeferenced Event Dataset. *Journal of Peace Research*, 50(4).

**License:** UCDP offers a web-based system for visualising, handling and downloading data, including ready-made datasets on organized violence and peacemaking. All UCDP data are free of charge.

More detailed information on the dataset can be found at the following web page: <https://ucdp.uu.se/downloads/index.html>

**Unit Notes:** The unit of this dataset is a country and a year. This means that each row in the dataset can be identified through a combination of the variables country\_cy (or country\_id\_cy) and year\_cy.

### 5.68.1 UCDP Organized Violence Country-Year Unit

**Translation Path:** UCDP Organized Violence Country-Year (Primary Output Unit)

UCDP Organized Violence Country-Year is the primary unit.

### 5.68.2 Complab Country-Year Unit

**Translation Path:** UCDP Organized Violence Country-Year → Complab Country-Year

**UCDP Organized Violence Country-Year Unit to Complab Country-Year Unit translation**

UCDP OV Country-Year is translated to COMPLAB Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected UCDP variables may only contain observations for a subset of countries and years included in their primary Output Unit. UCDP identifier combinations that cannot be matched to COMPLAB identifier combinations are dropped, as data-quality for COMPLAB variables is prioritized in translations to this unit.

### 5.68.3 Demscore Country-Year Unit

**Translation Path:** UCDP Organized Violence Country-Year → Demscore Country-Year

**UCDP Organized Violence Country-Year Unit to Demscore Country-Year Unit translation**

UCDP OV Country-Year is translated to DEMSCORE Country-Year by matching country and year identifiers from both Output Units.

UCDP OSV identifier combinations that cannot be matched to DEMSCORE identifier combinations are dropped.

### 5.68.4 H-DATA Country-Year Unit

**Translation Path:** UCDP Organized Violence Country-Year → H-DATA Country-Year

### **UCDP Organized Violence Country-Year Unit to H-DATA Country-Year Unit translation**

UCDP OV Country-Year is translated to H-DATA Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected UCDP variables may only contain observations for a subset of countries and years included in their primary Output Unit. UCDP identifier combinations that cannot be matched to H-DATA identifier combinations are dropped, as data-quality for H-DATA variables is prioritized in translations to this unit.

### **5.68.5 QoG Country-Year Unit**

**Translation Path: UCDP Organized Violence Country-Year → QoG Country-Year**

#### **UCDP Organized Violence Country-Year Unit to QoG Country-Year Unit translation**

UCDP OV Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected UCDP variables may only contain observations for a subset of countries and years included in their primary Output Unit. UCDP identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

### **5.68.6 REPDEM Cabinet-Party Unit**

**Translation Path: UCDP Organized Violence Country-Year → REPDEM Cabinet-Party**

#### **UCDP Organized Violence Country-Year Unit to REPDEM Cabinet-Party Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

### **5.68.7 REPDEM Country-Year Unit**

**Translation Path: UCDP Organized Violence Country-Year → REPDEM Country-Year**

#### **UCDP Organized Violence Country-Year Unit to REPDEM Country-Year Unit translation**

UCDP Country-Year is translated to REPDEM Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected UCDP variables may only contain observations for a subset of countries and years included in their primary Output Unit. UCDP identifier combinations that cannot be matched to REPDEM identifier combinations are dropped, as data-quality for REPDEM variables is prioritized in translations to this unit.

### **5.68.8 Repdem Cabinet-Date Unit**

**Translation Path: UCDP Organized Violence Country-Year → Repdem Cabinet-Date**

#### **UCDP Organized Violence Country-Year Unit to Repdem Cabinet-Date Unit translation**

UCDP Country-Year observations are matched to the final year a cabinet was in office.

Please note that your selected UCDP variables may only contain observations for a subset of countries and years included in their primary Output Unit. UCDP identifier combinations that cannot be matched to REPDEM identifier combinations are dropped, as data-quality for REPDEM variables is prioritized in translations to this unit.

### **5.68.9 UCDP Country-Year Unit**

**Translation Path: UCDP Organized Violence Country-Year → UCDP Country-Year**

**UCDP Organized Violence Country-Year Unit to UCDP Country-Year Unit translation**

Country-years are matched to country-years using the Gleditsch and Ward country identifier and the year identifier.

### **5.68.10 UCDP Peace Agreement-Country-Year Unit**

**Translation Path: UCDP Organized Violence Country-Year → UCDP Peace Agreement-Country-Year**

**UCDP Organized Violence Country-Year Unit to UCDP Peace Agreement-Country-Year Unit translation**

Country-Year observations are matched to Country-Year observations.

Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that the dataset may only contain a subset of countries and years included in its primary Output Unit.

### **5.68.11 V-Dem Country-Year Unit**

**Translation Path: UCDP Organized Violence Country-Year → V-Dem Country-Year**

**UCDP Organized Violence Country-Year Unit to V-Dem Country-Year Unit translation**

UCDP OV Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected UCDP variables may only contain observations for a subset of countries and years included in their primary Output Unit. UCDP identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

### **5.68.12 Complab Country-Year-Policy Unit**

**Translation Path: UCDP Organized Violence Country-Year → Complab Country-Year → Complab Country-Year-Policy**

**UCDP Organized Violence Country-Year Unit to Complab Country-Year Unit translation**

UCDP OV Country-Year is translated to COMPLAB Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected UCDP variables may only contain observations for a subset of countries and years included in their primary Output Unit. UCDP identifier combinations that cannot be matched to COMPLAB identifier combinations are dropped, as data-quality for COMPLAB variables is prioritized in translations to this unit.

**Complab Country-Year Unit to Complab Country-Year-Policy Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

### **5.68.13 Complab Country-Year-Track Unit**

**Translation Path:** UCDP Organized Violence Country-Year → Complab Country-Year → Complab Country-Year-Track

#### **UCDP Organized Violence Country-Year Unit to Complab Country-Year Unit translation**

UCDP OV Country-Year is translated to COMPLAB Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected UCDP variables may only contain observations for a subset of countries and years included in their primary Output Unit. UCDP identifier combinations that cannot be matched to COMPLAB identifier combinations are dropped, as data-quality for COMPLAB variables is prioritized in translations to this unit.

#### **Complab Country-Year Unit to Complab Country-Year-Track Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

### **5.68.14 H-DATA Dyad-Year Unit**

**Translation Path:** UCDP Organized Violence Country-Year → H-DATA Country-Year → H-DATA Dyad-Year

#### **UCDP Organized Violence Country-Year Unit to H-DATA Country-Year Unit translation**

UCDP OV Country-Year is translated to H-DATA Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected UCDP variables may only contain observations for a subset of countries and years included in their primary Output Unit. UCDP identifier combinations that cannot be matched to H-DATA identifier combinations are dropped, as data-quality for H-DATA variables is prioritized in translations to this unit.

#### **H-DATA Country-Year Unit to H-DATA Dyad-Year Unit translation**

Country-Years are matched to Country-Years using the country identifier for country 1 in the dyad.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

### **5.68.15 QoG Agency-Fiscal Year Unit**

**Translation Path:** UCDP Organized Violence Country-Year → QoG Country-Year → QoG Agency-Fiscal Year

#### **UCDP Organized Violence Country-Year Unit to QoG Country-Year Unit translation**

UCDP OV Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected UCDP variables may only contain observations for a subset of countries and years included in their primary Output Unit. UCDP identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

#### **QoG Country-Year Unit to QoG Agency-Fiscal Year Unit translation**

Country-Year data for Sweden is matched to Agency-Year data based on the agency year.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.



Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit

#### **5.68.16 QoG NUTS Region-Year Unit**

**Translation Path:** UCDP Organized Violence Country-Year → QoG Country-Year → QoG NUTS Region-Year

##### **UCDP Organized Violence Country-Year Unit to QoG Country-Year Unit translation**

UCDP OV Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected UCDP variables may only contain observations for a subset of countries and years included in their primary Output Unit. UCDP identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

##### **QoG Country-Year Unit to QoG NUTS Region-Year Unit translation**

Country-Year is translated to Region-Year by matching country observations to regional observations collected for the NUTS0 level (and thus equal to the country level) and year identifiers to year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit.

#### **5.68.17 V-Dem Country-Date Unit**

**Translation Path:** UCDP Organized Violence Country-Year → V-Dem Country-Year → V-Dem Country-Date

##### **UCDP Organized Violence Country-Year Unit to V-Dem Country-Year Unit translation**

UCDP OV Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected UCDP variables may only contain observations for a subset of countries and years included in their primary Output Unit. UCDP identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

##### **V-Dem Country-Year Unit to V-Dem Country-Date Unit translation**

Countries are matched to countries and Year is extracted from Dates. Country-Year observations are then matched and duplicated across Country-Years.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

#### **5.68.18 V-Dem Party-Country-Year Unit**

**Translation Path:** UCDP Organized Violence Country-Year → V-Dem Country-Year → V-Dem Party-Country-Year

##### **UCDP Organized Violence Country-Year Unit to V-Dem Country-Year Unit translation**

UCDP OV Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected UCDP variables may only contain observations for a subset of countries and years included in their primary Output Unit. UCDP identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

##### **V-Dem Country-Year Unit to V-Dem Party-Country-Year Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting

Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

#### **5.68.19 QoG NUTS2 Region Unit**

**Translation Path:** UCDP Organized Violence Country-Year → QoG Country-Year → QoG NUTS Region-Year → QoG NUTS2 Region

##### **UCDP Organized Violence Country-Year Unit to QoG Country-Year Unit translation**

UCDP OV Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected UCDP variables may only contain observations for a subset of countries and years included in their primary Output Unit. UCDP identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

##### **QoG Country-Year Unit to QoG NUTS Region-Year Unit translation**

Country-Year is translated to Region-Year by matching country observations to regional observations collected for the NUTS0 level (and thus equal to the country level) and year identifiers to year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit.

##### **QoG NUTS Region-Year Unit to QoG NUTS2 Region Unit translation**

Observations for 2021 from the QoG Region Year Output Unit are matched to Country-Year.

Please note that the dataset may only contain a subset of regions and years included in its primary Output Unit.

#### **5.68.20 V-Dem Country-Date-Coder Unit**

**Translation Path:** UCDP Organized Violence Country-Year → V-Dem Country-Year → V-Dem Country-Date → V-Dem Country-Date-Coder

##### **UCDP Organized Violence Country-Year Unit to V-Dem Country-Year Unit translation**

UCDP OV Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected UCDP variables may only contain observations for a subset of countries and years included in their primary Output Unit. UCDP identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

##### **V-Dem Country-Year Unit to V-Dem Country-Date Unit translation**

Countries are matched to countries and Year is extracted from Dates. Country-Year observations are then matched and duplicated across Country-Years.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

##### **V-Dem Country-Date Unit to V-Dem Country-Date-Coder Unit translation**

Country-Dates are matched to Country-Dates. Country-Date combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit.

### **5.68.21 V-Dem Party-Date-Coder Unit**

**Translation Path: UCDP Organized Violence Country-Year → V-Dem Country-Year → V-Dem Party-Country-Year → V-Dem Party-Date-Coder**

#### **UCDP Organized Violence Country-Year Unit to V-Dem Country-Year Unit translation**

UCDP OV Country-Year is translated to V-Dem Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected UCDP variables may only contain observations for a subset of countries and years included in their primary Output Unit. UCDP identifier combinations that cannot be matched to V-Dem identifier combinations are dropped, as data-quality for V-Dem variables is prioritized in translations to this unit.

#### **V-Dem Country-Year Unit to V-Dem Party-Country-Year Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

#### **V-Dem Party-Country-Year Unit to V-Dem Party-Date-Coder Unit translation**

Year is extracted from date. Country-, year- and party identifiers are matched to corresponding country-year-party combinations. Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit.

## 5.69 UCDP Peace Agreement Dataset Version 23.1

*Dataset tag:* ucdp\_peace

*Output Unit:* UCDP Peace agreement ID, i.e., data is collected per peace agreement. Additional units for Demscore: Peace Agreement per country/dyad/year.

*Description:* The Peace Agreement dataset, that covers peace agreements signed between at least two opposing primary warring parties in an armed conflict 1975-2018.

*Dataset citation:*

Davies, Shawn, Therese Pettersson Magnus Öberg (2022). Organized violence 1989-2021 and drone warfare. *Journal of Peace Research* 59(4).

*License:* UCDP offers a web-based system for visualising, handling and downloading data, including ready-made datasets on organized violence and peacemaking. All UCDP data are free of charge.

More detailed information on the dataset can be found at the following web page: <https://ucdp.uu.se/downloads/index.html>

**Unit Notes:** The unit for this dataset is a peaceagreement. The unit is identified through the column paid.

### 5.69.1 UCDP Peace Agreement Unit

**Translation Path:** UCDP Peace Agreement (Primary Output Unit)

UCDP Peace Agreement is the primary unit.

### 5.69.2 UCDP Peace Agreement-Conflict-Year Unit

**Translation Path:** UCDP Peace Agreement-Conflict-Year (Primary Output Unit)

UCDP Peace Agreement-Conflict-Year is the primary unit.

### 5.69.3 UCDP Peace Agreement-Country-Year Unit

**Translation Path:** UCDP Peace Agreement-Country-Year (Primary Output Unit)

UCDP Peace Agreement-Country-Year is the primary unit.

### 5.69.4 UCDP Peace Agreement-Dyad-Year Unit

**Translation Path:** UCDP Peace Agreement-Dyad-Year (Primary Output Unit)

UCDP Peace Agreement-Dyad-Year is the primary unit.

## 5.70 UCDP/PRIO Armed Conflict Dataset Version 23.1

**Dataset tag:** ucdp\_prio\_acd

**Output Unit:** UCDP Conflict-Year, i.e., data is collected per conflict and year.

**Description:** A conflict-year dataset with information on armed conflict where at least one party is the government of a state in the time period 1946-2022.

**Dataset citation:**

Davies, Shawn, Therese Pettersson Magnus Öberg (2023). Organized violence 1989-2022 and the return of conflicts between states? *Journal of Peace Research* 60(4).

Gleditsch, Nils Petter, Peter Wallensteen, Mikael Eriksson, Margareta Sollenberg, and Håvard Strand (2002) Armed Conflict 1946-2001: A New Dataset. *Journal of Peace Research*, 39(5).

**License:** UCDP offers a web-based system for visualising, handling and downloading data, including ready-made datasets on organized violence and peacemaking. All UCDP data are free of charge.

More detailed information on the dataset can be found at the following web page: <https://ucdp.uu.se/downloads/index.html>

**Unit Notes:** The unit for this dataset is conflict and year. That means each row in the dataset can be uniquely identified using a combination of the columns `conflict_id` and `year`.

### 5.70.1 UCDP Conflict-Year Unit

**Translation Path:** UCDP Conflict-Year (Primary Output Unit)

UCDP Conflict-Year is the primary unit.

### 5.70.2 UCDP Event ID Unit

**Translation Path:** UCDP Conflict-Year → UCDP Event ID

**UCDP Conflict-Year Unit to UCDP Event ID Unit translation**

Conflict-Year observations are matched to Conflict-Year observations.

Conflict-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that the dataset may only contain a subset of conflicts and years included in its primary Output Unit.

### 5.70.3 UCDP Peace Agreement-Conflict-Year Unit

**Translation Path:** UCDP Conflict-Year → UCDP Peace Agreement-Conflict-Year

**UCDP Conflict-Year Unit to UCDP Peace Agreement-Conflict-Year Unit translation**

Conflict-Year observations are matched to Conflict-Year observations.

Conflict-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that the dataset may only contain a subset of conflicts and years included in its primary Output Unit.

## 5.71 UCDP Conflict Termination Dataset, Conflict Level Version 3-2021

**Dataset tag:** ucdp\_term\_conflict

**Output Unit:** UCDP Conflict-Year, i.e., data is collected per conflict and year.

**Description:** This dataset provides information on specific start- and end- dates for conflict activity and means of termination for each conflict episode. The data is available as a conflict-level dataset which corresponds with the UCDP/PRIO Armed Conflict Dataset v 21.1, and a dyad-level dataset which corresponds with the UCDP Dyadic Dataset v. 21.1.

**Dataset citation:**

Kreutz, Joakim (2010) How and When Armed Conflicts End: Introducing the UCDP Conflict Termination Dataset. *Journal of Peace Research*, 47(2).

**License:** UCDP offers a web-based system for visualising, handling and downloading data, including ready-made datasets on organized violence and peacemaking. All UCDP data are free of charge.

More detailed information on the dataset can be found at the following web page: <https://ucdp.uu.se/downloads/index.html>

**Unit Notes:** The unit for this dataset is a conflict episode and year. This means each row in the dataset is identified by a combination of conflictep\_id and year.

Another unit of this dataset is a conflict and year, as each row can also be identified through a combination of conflict\_id and year.

### 5.71.1 UCDP Conflict-Year Unit

**Translation Path:** UCDP Conflict-Year (Primary Output Unit)

UCDP Conflict-Year is the primary unit.

### 5.71.2 UCDP Event ID Unit

**Translation Path:** UCDP Conflict-Year → UCDP Event ID

**UCDP Conflict-Year Unit to UCDP Event ID Unit translation**

Conflict-Year observations are matched to Conflict-Year observations.

Conflict-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that the dataset may only contain a subset of conflicts and years included in its primary Output Unit.

### 5.71.3 UCDP Peace Agreement-Conflict-Year Unit

**Translation Path:** UCDP Conflict-Year → UCDP Peace Agreement-Conflict-Year

**UCDP Conflict-Year Unit to UCDP Peace Agreement-Conflict-Year Unit translation**

Conflict-Year observations are matched to Conflict-Year observations.

Conflict-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that the dataset may only contain a subset of conflicts and years included in its primary Output Unit.

## 5.72 UCDP Conflict Termination Dataset, Dyadic Level Version 3-2021

**Dataset tag:** ucdp\_term\_dyadic

**Output Unit:** UCDP Dyad-Year, i.e., data is collected per dyad and year.

**Description:** This dataset provides information on specific start- and end- dates for conflict activity and means of termination for each conflict episode. The data is available as a conflict-level dataset which corresponds with the UCDP/PRIO Armed Conflict Dataset v 21.1, and a dyad-level dataset which corresponds with the UCDP Dyadic Dataset v. 21.1.

**Dataset citation:**

Kreutz, Joakim (2010) How and When Armed Conflicts End: Introducing the UCDP Conflict Termination Dataset. *Journal of Peace Research*, 47(2).

**License:** UCDP offers a web-based system for visualising, handling and downloading data, including ready-made datasets on organized violence and peacemaking. All UCDP data are free of charge.

More detailed information on the dataset can be found at the following web page: <https://ucdp.uu.se/downloads/index.html>

**Unit Notes:** The unit for this dataset is dyad and year. This means that each row in the dataset can be identified by a combination of dyadid\_new and year. The combination of dyad episode and year (dyadep\_id and year) returns duplicates.

### 5.72.1 UCDP Dyad-Year Unit

**Translation Path:** UCDP Dyad-Year (Primary Output Unit)

UCDP Dyad-Year is the primary unit.

### 5.72.2 UCDP Event ID Unit

**Translation Path:** UCDP Dyad-Year → UCDP Event ID

**UCDP Dyad-Year Unit to UCDP Event ID Unit translation**

Dyad-Year observations are matched to Dyad-Year observations.

Dyad-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that the dataset may only contain a subset of dyads and years included in its primary Output Unit.

### 5.72.3 UCDP Peace Agreement-Dyad-Year Unit

**Translation Path:** UCDP Dyad-Year → UCDP Peace Agreement-Dyad-Year

**UCDP Dyad-Year Unit to UCDP Peace Agreement-Dyad-Year Unit translation**

Dyad-Year observations are matched to Dyad-Year observations.

Dyad-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that the dataset may only contain a subset of dyads and years included in its primary Output Unit.

## 5.73 UCDP Violent Political Protest Dataset Version 20.1

**Dataset tag:** ucdp\_vpp

**Output Unit:** UCDP Dyad-Year, i.e., data is collected per dyad and year.

**Description:** A dyad-year dataset identifying violent political protests, 1989-2019. It presents a new –standalone– category of organized violence, which complements, and is compatible with, UCDP’s three categories of organized violence: one-sided violence, non-state, and state-based conflict.

**Dataset citation:**

Svensson, Isak, Susanne Schaftenaar Marie Allansson (2022). Violent Political Protest: Introducing a New Uppsala Conflict Data Program Data Set on Organized Violence, 1989-2019. *Journal of Conflict Resolution*. <https://doi.org/10.1177/00220027221109791>

**License:** UCDP offers a web-based system for visualising, handling and downloading data, including ready-made datasets on organized violence and peacemaking. All UCDP data are free of charge.

More detailed information on the dataset can be found at the following web page: <https://ucdp.uu.se/downloads/index.html>

**Unit Notes:** The unit for this dataset is dyad and year. This means that each row in the dataset can be identified by a combination of dyad\_id and year.

### 5.73.1 UCDP Dyad-Year Unit

**Translation Path:** UCDP Dyad-Year (Primary Output Unit)

UCDP Dyad-Year is the primary unit.

### 5.73.2 UCDP Event ID Unit

**Translation Path:** UCDP Dyad-Year → UCDP Event ID

**UCDP Dyad-Year Unit to UCDP Event ID Unit translation**

Dyad-Year observations are matched to Dyad-Year observations.

Dyad-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that the dataset may only contain a subset of dyads and years included in its primary Output Unit.

### 5.73.3 UCDP Peace Agreement-Dyad-Year Unit

**Translation Path:** UCDP Dyad-Year → UCDP Peace Agreement-Dyad-Year

**UCDP Dyad-Year Unit to UCDP Peace Agreement-Dyad-Year Unit translation**

Dyad-Year observations are matched to Dyad-Year observations.

Dyad-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that the dataset may only contain a subset of dyads and years included in its primary Output Unit.



## 5.74 V-Dem Country-Date v13

*Dataset tag:* vdem\_cd

*Output Unit:* V-Dem Country-Date, i.e., data is collected per country and date.

*Description:* All 483 V-Dem indicators and indices.

*Dataset citation:* Coppedge, Michael, John Gerring, Carl Henrik Knutsen, Staffan I. Lindberg, Jan Teorell, David Altman, Michael Bernhard, Agnes Cornell, M. Steven Fish, Lisa Gastaldi, Haakon Gjerløw, Adam Glynn, Ana Good God, Sandra Grahn, Allen Hicken, Katrin Kinzelbach, Joshua Krusell, Kyle L. Marquardt, Kelly McMann, Valeriya Mechkova, Juraj Medzihorsky, Natalia Natsika, Anja Neundorf, Pamela Paxton, Daniel Pemstein, Josefine Pernes, Oskar Rydén, Johannes von Römer, Brigitte Seim, Rachel Sigman, Svend-Erik Skaaning, Jeffrey Staton, Aksel Sundström, Eitan Tzelgov, Yi-ting Wang, Tore Wig, Steven Wilson and Daniel Ziblatt. 2023. "V-Dem [Country-Year/Country-Date] Dataset v13" Varieties of Democracy (V-Dem) Project. <https://doi.org/10.23696/vdemds23>.

and:

Pemstein, Daniel, Kyle L. Marquardt, Eitan Tzelgov, Yi-ting Wang, Juraj Medzihorsky, Joshua Krusell, Farhad Miri, and Johannes von Römer. 2023. "The V-Dem Measurement Model: Latent Variable Analysis for Cross-National and Cross-Temporal Expert-Coded Data". V-Dem Working Paper No. 21. 8th edition. University of Gothenburg: Varieties of Democracy Institute

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More detailed information on the dataset can be found at the following web page: <https://www.v-dem.net/vdemds.html>

**Unit Notes:** The unit for this dataset is country and date. That means each row in the dataset can be identified by one country in combination with a date, using the columns `country_name` and `historical_date`. The unit can also be expressed through a combination of the columns `country_id` or `country_text_id` and `historical_date`.

### 5.74.1 V-Dem Country-Date Unit

**Translation Path: V-Dem Country-Date (Primary Output Unit)**

V-Dem Country-Date is the primary unit.

### 5.74.2 H-DATA Cabinet-Date Unit

**Translation Path: V-Dem Country-Date → H-DATA Cabinet-Date**

**V-Dem Country-Date Unit to H-DATA Cabinet-Date Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

### 5.74.3 H-DATA Minister-Date Unit

**Translation Path: H-DATA Minister-Date → V-Dem Country-Date**

**H-DATA Minister-Date Unit to V-Dem Country-Date Unit translation**

H-DATA Minister-Date is translated to V-Dem Country-Date by matching foreign minister and date combinations to country-date combinations. We create one row per day a foreign minister was in office and match them to V-Dem Country-Dates. Rows that do not match V-Dem Country-Dates are dropped again. In the case of overlaps, the incoming foreign minister is given preference over the outgoing foreign minister.

#### **5.74.4 Repdem Cabinet-Date Unit**

**Translation Path: Repdem Cabinet-Date → V-Dem Country-Date**

##### **Repdem Cabinet-Date Unit to V-Dem Country-Date Unit translation**

We first aggregate Cabinet-Date observations to a Country-Date level and create one row per day a cabinet was in power. We then match these Country-Date combinations to V-Dem Country-Dates. Rows that do not match V-Dem Country-Dates are dropped again. In the case of overlaps, the incoming cabinet is given preference over the outgoing cabinet.

#### **5.74.5 V-Dem Country-Date-Coder Unit**

**Translation Path: V-Dem Country-Date → V-Dem Country-Date-Coder**

##### **V-Dem Country-Date Unit to V-Dem Country-Date-Coder Unit translation**

Country-Dates are matched to Country-Dates. Country-Date combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit.

## 5.75 V-Dem Coder-Level v13

*Dataset tag:* vdem\_coder\_level

*Output Unit:* V-Dem Country-Date-Coder, i.e., data is collected per country, date and coder.

*Description:* Data coded by Country Experts and coder-reliability scores from the Measurement Model output.

*Dataset citation:* Coppedge, Michael, John Gerring, Carl Henrik Knutsen, Staffan I. Lindberg, Jan Teorell, David Altman, Michael Bernhard, Agnes Cornell, M. Steven Fish, Lisa Gastaldi, Haakon Gjerløw, Adam Glynn, Ana Good God, Sandra Grahn, Allen Hicken, Katrin Kinzelbach, Joshua Krusell, Kyle L. Marquardt, Kelly McMann, Valeriya Mechkova, Juraj Medzihorsky, Natalia Natsika, Anja Neundorf, Pamela Paxton, Daniel Pemstein, Josefine Pernes, Oskar Rydén, Johannes von Römer, Brigitte Seim, Rachel Sigman, Svend-Erik Skaaning, Jeffrey Staton, Aksel Sundström, Eitan Tzelgov, Yi-ting Wang, Tore Wig, Steven Wilson and Daniel Ziblatt. 2023. "V-Dem [Country-Year/Country-Date] Dataset v13" Varieties of Democracy (V-Dem) Project. <https://doi.org/10.23696/vdemds23>.

and:

Pemstein, Daniel, Kyle L. Marquardt, Eitan Tzelgov, Yi-ting Wang, Juraj Medzihorsky, Joshua Krusell, Farhad Miri, and Johannes von Römer. 2023. "The V-Dem Measurement Model: Latent Variable Analysis for Cross-National and Cross-Temporal Expert-Coded Data". V-Dem Working Paper No. 21. 8th edition. University of Gothenburg: Varieties of Democracy Institute

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More detailed information on the dataset can be found at the following web page: <https://www.v-dem.net/vdemds.html>

**Unit Notes:** The unit for this dataset is coder, country and date. That means each row in the dataset can be identified by a coder and a country in combination with a date, using the column coder\_id, country\_text\_id and historical\_date. The unit can also be expressed through the columns coder\_id, country\_id and historical\_date.

### 5.75.1 V-Dem Country-Date-Coder Unit

**Translation Path: V-Dem Country-Date-Coder (Primary Output Unit)**

V-Dem Country-Date-Coder is the primary unit.

## 5.76 V-Dem Country-Year: V-Dem Full+Others v13

*Dataset tag:* vdem\_cy

*Output Unit:* V-Dem Country-Year, i.e., data is collected per country and year.

*Description:* All 483 V-Dem indicators and indices + 59 other indicators from other data sources. For R users, we recommend to install our vdemdata R package which includes the most recent V-Dem dataset and some useful functions to explore the data.

*Dataset citation:* Coppedge, Michael, John Gerring, Carl Henrik Knutsen, Staffan I. Lindberg, Jan Teorell, David Altman, Michael Bernhard, Agnes Cornell, M. Steven Fish, Lisa Gastaldi, Haakon Gjerløw, Adam Glynn, Ana Good God, Sandra Grahn, Allen Hicken, Katrin Kinzelbach, Joshua Krusell, Kyle L. Marquardt, Kelly McMann, Valeriya Mechkova, Juraj Medzihorsky, Natalia Natsika, Anja Neundorf, Pamela Paxton, Daniel Pemstein, Josefine Pernes, Oskar Rydén, Johannes von Römer, Brigitte Seim, Rachel Sigman, Svend-Erik Skaaning, Jeffrey Staton, Aksel Sundström, Eitan Tzelgov, Yi-ting Wang, Tore Wig, Steven Wilson and Daniel Ziblatt. 2023. "V-Dem [Country-Year/Country-Date] Dataset v13" Varieties of Democracy (V-Dem) Project. <https://doi.org/10.23696/vdemds23>.

and:

Pemstein, Daniel, Kyle L. Marquardt, Eitan Tzelgov, Yi-ting Wang, Juraj Medzihorsky, Joshua Krusell, Farhad Miri, and Johannes von Römer. 2023. "The V-Dem Measurement Model: Latent Variable Analysis for Cross-National and Cross-Temporal Expert-Coded Data". V-Dem Working Paper No. 21. 8th edition. University of Gothenburg: Varieties of Democracy Institute

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More detailed information on the dataset can be found at the following web page: <https://www.v-dem.net/vdemds.html>

**Unit Notes:** The unit for this dataset is country and year. That means each row in the dataset can be identified by one country in combination with a year, using the columns `country_name` and `year`. The unit can also be expressed through a combination of the columns `country_id` or `country_text_id` and `year`.

### 5.76.1 V-Dem Country-Year Unit

**Translation Path: V-Dem Country-Year (Primary Output Unit)**

V-Dem Country-Year is the primary unit.

### 5.76.2 Complab Country-Year Unit

**Translation Path: V-Dem Country-Year → Complab Country-Year**

**V-Dem Country-Year Unit to Complab Country-Year Unit translation**

V-Dem Country-Year is translated to COMPLAB Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected V-Dem variables may only contain observations for a subset of countries and years included in their primary Output Unit. V-Dem identifier combinations that cannot be matched to COMPLAB identifier combinations are dropped, as data-quality for COMPLAB variables is prioritized in translations to this unit.

### 5.76.3 Complab Country-Year-Policy Unit

**Translation Path: V-Dem Country-Year → Complab Country-Year-Policy**

**V-Dem Country-Year Unit to Complab Country-Year-Policy Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit,

combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

#### **5.76.4 Demscore Country-Year Unit**

**Translation Path: V-Dem Country-Year → Demscore Country-Year**

**V-Dem Country-Year Unit to Demscore Country-Year Unit translation**

V-Dem Country-Year is translated to DEMSCORE Country-Year by matching country and year identifiers from both Output Units.

V-Dem identifier combinations that cannot be matched to DEMSCORE identifier combinations are dropped.

#### **5.76.5 H-DATA Cabinet-Date Unit**

**Translation Path: V-Dem Country-Year → H-DATA Cabinet-Date**

**V-Dem Country-Year Unit to H-DATA Cabinet-Date Unit translation**

V-Dem Country-Year observations are matched to the final year a cabinet was in office.

Please note that your selected V-Dem variables may only contain observations for a subset of countries and years included in their primary Output Unit.

V-Dem identifier combinations that cannot be matched to H-DATA identifier combinations are dropped, as data-quality for H-DATA variables is prioritized in translations to this unit.

#### **5.76.6 H-DATA Country-Year Unit**

**Translation Path: V-Dem Country-Year → H-DATA Country-Year**

**V-Dem Country-Year Unit to H-DATA Country-Year Unit translation**

V-Dem Country-Year is translated to H-DATA Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected V-Dem variables may only contain observations for a subset of countries and years included in their primary Output Unit. V-Dem identifier combinations that cannot be matched to H-DATA identifier combinations are dropped, as data-quality for H-DATA variables is prioritized in translations to this unit.

#### **5.76.7 QoG Country-Year Unit**

**Translation Path: V-Dem Country-Year → QoG Country-Year**

**V-Dem Country-Year Unit to QoG Country-Year Unit translation**

V-Dem Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected V-Dem variables may only contain observations for a subset of countries and years included in their primary Output Unit. V-Dem identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

#### **5.76.8 REPDEM Cabinet-Party Unit**

**Translation Path: V-Dem Country-Year → REPDEM Cabinet-Party**

**V-Dem Country-Year Unit to REPDEM Cabinet-Party Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit,

combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

#### **5.76.9 REPDEM Country-Year Unit**

**Translation Path: V-Dem Country-Year → REPDEM Country-Year**

##### **V-Dem Country-Year Unit to REPDEM Country-Year Unit translation**

V-Dem Country-Year is translated to REPDEM Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected V-Dem variables may only contain observations for a subset of countries and years included in their primary Output Unit. V-Dem identifier combinations that cannot be matched to REPDEM identifier combinations are dropped, as data-quality for REPDEM variables is prioritized in translations to this unit.

#### **5.76.10 Repdem Cabinet-Date Unit**

**Translation Path: V-Dem Country-Year → Repdem Cabinet-Date**

##### **V-Dem Country-Year Unit to Repdem Cabinet-Date Unit translation**

V-Dem Country-Year observations are matched to the final year a cabinet was in office.

Please note that your selected V-Dem variables may only contain observations for a subset of countries and years included in their primary Output Unit.

V-Dem identifier combinations that cannot be matched to REPDEM identifier combinations are dropped, as data-quality for REPDEM variables is prioritized in translations to this unit.

#### **5.76.11 UCDP Country-Year Unit**

**Translation Path: V-Dem Country-Year → UCDP Country-Year**

##### **V-Dem Country-Year Unit to UCDP Country-Year Unit translation**

V-Dem Country-Year is translated to UCDP Country-Year by matching country and year identifiers from both Output Units.

V-Dem uses its own definitions and identifiers for country units, while UCDP uses Gleditsch and Ward.

Please note that your selected V-Dem variables may only contain observations for a subset of countries and years included in their primary Output Unit. V-Dem identifier combinations that cannot be matched to UCDP identifier combinations are dropped, as data-quality for UCDP variables is prioritized in translations to this unit.

##### **Additional information:**

We match countries based on the Gleditsch and Ward country identifiers in UCDP and the Correlates of War country identifiers in V-Dem. For the two cases the country identifiers differ (Germany and Yemen), we match them together nonetheless by adjusting the CoW identifier in V-Dem to the GW identifier from UCDP.

#### **5.76.12 UCDP Event ID Unit**

**Translation Path: V-Dem Country-Year → UCDP Event ID**

##### **V-Dem Country-Year Unit to UCDP Event ID Unit translation**

V-Dem Country-Year is translated to UCDP Events by matching country and year identifiers from both Output Units. Country and year combinations from the starting Output unit are duplicated across all events that occurred with that country-year combination.

Please note that your selected V-Dem variables may only contain observations for a subset of countries and

years included in their primary Output Unit. V-Dem identifier combinations that cannot be matched to UCDP identifier combinations are dropped

**Additional information:**

V-Dem uses their own country units and definitions, while UCDP uses Gleditsch and Ward. Please be aware that for this translation, we match V-Dem Country identifiers to the location variable in the UCDP GED Dataset.

### **5.76.13 UCDP Organized Violence Country-Year Unit**

**Translation Path: V-Dem Country-Year → UCDP Organized Violence Country-Year**

**V-Dem Country-Year Unit to UCDP Organized Violence Country-Year Unit translation**

V-Dem Country-Year is translated to UCDP OV Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected V-Dem variables may only contain observations for a subset of countries and years included in their primary Output Unit. V-Dem identifier combinations that cannot be matched to UCDP identifier combinations are dropped, as data-quality for UCDP variables is prioritized in translations to this unit.

**Additional information:**

We match countries based on the Gleditsch and Ward country identifiers in UCDP and the Correlates of War country identifiers in V-Dem. For the two cases the country identifiers differ (Germany and Yemen), we match them together nonetheless by adjusting the CoW identifier in V-Dem to the GW identifier from UCDP.

### **5.76.14 V-Dem Country-Date Unit**

**Translation Path: V-Dem Country-Year → V-Dem Country-Date**

**V-Dem Country-Year Unit to V-Dem Country-Date Unit translation**

Countries are matched to countries and Year is extracted from Dates. Country-Year observations are then matched and duplicated across Country-Years.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

### **5.76.15 V-Dem Party-Country-Year Unit**

**Translation Path: V-Dem Country-Year → V-Dem Party-Country-Year**

**V-Dem Country-Year Unit to V-Dem Party-Country-Year Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

### **5.76.16 Complab Country-Year-Track Unit**

**Translation Path: V-Dem Country-Year → Complab Country-Year → Complab Country-Year-Track**

**V-Dem Country-Year Unit to Complab Country-Year Unit translation**

V-Dem Country-Year is translated to COMPLAB Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected V-Dem variables may only contain observations for a subset of countries and years included in their primary Output Unit. V-Dem identifier combinations that cannot be matched to

COMPLAB identifier combinations are dropped, as data-quality for COMPLAB variables is prioritized in translations to this unit.

#### **Complab Country-Year Unit to Complab Country-Year-Track Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

#### **5.76.17 H-DATA Dyad-Year Unit**

**Translation Path: V-Dem Country-Year → H-DATA Country-Year → H-DATA Dyad-Year**

##### **V-Dem Country-Year Unit to H-DATA Country-Year Unit translation**

V-Dem Country-Year is translated to H-DATA Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected V-Dem variables may only contain observations for a subset of countries and years included in their primary Output Unit. V-Dem identifier combinations that cannot be matched to H-DATA identifier combinations are dropped, as data-quality for H-DATA variables is prioritized in translations to this unit.

##### **H-DATA Country-Year Unit to H-DATA Dyad-Year Unit translation**

Country-Years are matched to Country-Years using the country identifier for country 1 in the dyad.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

#### **5.76.18 H-DATA Minister-Date Unit**

**Translation Path: V-Dem Country-Year → H-DATA Country-Year → H-DATA Minister-Date**

##### **V-Dem Country-Year Unit to H-DATA Country-Year Unit translation**

V-Dem Country-Year is translated to H-DATA Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected V-Dem variables may only contain observations for a subset of countries and years included in their primary Output Unit. V-Dem identifier combinations that cannot be matched to H-DATA identifier combinations are dropped, as data-quality for H-DATA variables is prioritized in translations to this unit.

##### **H-DATA Country-Year Unit to H-DATA Minister-Date Unit translation**

Country-Year observations are matched to Country-Year observations based on the final year a minister in a country was in office.

Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

#### **5.76.19 QoG Agency-Fiscal Year Unit**

**Translation Path: V-Dem Country-Year → QoG Country-Year → QoG Agency-Fiscal Year**

##### **V-Dem Country-Year Unit to QoG Country-Year Unit translation**

V-Dem Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected V-Dem variables may only contain observations for a subset of countries and years included in their primary Output Unit. V-Dem identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this



unit.

#### **QoG Country-Year Unit to QoG Agency-Fiscal Year Unit translation**

Country-Year data for Sweden is matched to Agency-Year data based on the agency year.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit

#### **5.76.20 QoG Country Unit**

##### **Translation Path: V-Dem Country-Year → QoG Country-Year → QoG Country**

##### **V-Dem Country-Year Unit to QoG Country-Year Unit translation**

V-Dem Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected V-Dem variables may only contain observations for a subset of countries and years included in their primary Output Unit. V-Dem identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

##### **QoG Country-Year Unit to QoG Country Unit translation**

QoG Country-Year is translated to QoG Country by matching the most recent Country-Year observation to Country observations.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in the primary Output Unit.

#### **5.76.21 QoG NUTS Region-Year Unit**

##### **Translation Path: V-Dem Country-Year → QoG Country-Year → QoG NUTS Region-Year**

##### **V-Dem Country-Year Unit to QoG Country-Year Unit translation**

V-Dem Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected V-Dem variables may only contain observations for a subset of countries and years included in their primary Output Unit. V-Dem identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

##### **QoG Country-Year Unit to QoG NUTS Region-Year Unit translation**

Country-Year is translated to Region-Year by matching country observations to regional observations collected for the NUTS0 level (and thus equal to the country level) and year identifiers to year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit.

#### **5.76.22 V-Dem Country-Date-Coder Unit**

##### **Translation Path: V-Dem Country-Year → V-Dem Country-Date → V-Dem Country-Date-Coder**

##### **V-Dem Country-Year Unit to V-Dem Country-Date Unit translation**

Countries are matched to countries and Year is extracted from Dates. Country-Year observations are then matched and duplicated across Country-Years.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output

Unit.

#### **V-Dem Country-Date Unit to V-Dem Country-Date-Coder Unit translation**

Country-Dates are matched to Country-Dates. Country-Date combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit.

#### **5.76.23 QoG NUTS2 Region Unit**

**Translation Path: V-Dem Country-Year → QoG Country-Year → QoG NUTS Region-Year → QoG NUTS2 Region**

#### **V-Dem Country-Year Unit to QoG Country-Year Unit translation**

V-Dem Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected V-Dem variables may only contain observations for a subset of countries and years included in their primary Output Unit. V-Dem identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

#### **QoG Country-Year Unit to QoG NUTS Region-Year Unit translation**

Country-Year is translated to Region-Year by matching country observations to regional observations collected for the NUTS0 level (and thus equal to the country level) and year identifiers to year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit.

#### **QoG NUTS Region-Year Unit to QoG NUTS2 Region Unit translation**

Observations for 2021 from the QoG Region Year Output Unit are matched to Country-Year.

Please note that the dataset may only contain a subset of regions and years included in its primary Output Unit.

## 5.77 V-Dem Episodes of Regime Transformation Dataset

**Dataset tag:** vdem\_ert

**Output Unit:** V-Dem Country-Year, i.e., data is collected per country and year.

**Description:** The ERT dataset identifies episodes of democratization (liberalizing autocracy, democratic deepening) and autocratization (democratic regression, autocratic regression) in the most recent V-Dem dataset.

**Dataset citation:** Edgell, Amanda B., Seraphine F. Maerz, Laura Maxwell, Richard Morgan, Juraj Medzihorsky, Matthew C. Wilson, Vanessa Boese, Sebastian Hellmeier, Jean Lachapelle, Patrik Lindenfors, Anna Lu hrmann, and Staffan I. Lindberg. (2020). Episodes of Regime Transformation Dataset (v2.0) Codebook. Maerz, Seraphine F., Amanda B. Edgell, Joshua Krusell, Laura Maxwell, and Sebastian Hellmeier. (2020). ERT - an R package to load, explore and work with the Episodes of Regime Transformation dataset. Available at: [www.github.com/vdeminstitute/ert](http://www.github.com/vdeminstitute/ert)

Lu hrmann, Anna and Staffan I. Lindberg. (2019). A third wave of autocratization is here: what is new about it? *Democratization*, 26:7, pp. 1095-1113.

Wilson, Matthew C., Richard Morgan, Juraj Medzihorsky, Laura Maxwell, Seraphine F. Maerz, Anna Lu hrmann, Patrik Lindenfors, Amanda B. Edgell, Vanessa Boese, and Staffan I. Lindberg. (2020). Successful and Failed Episodes of Democratization: Conceptualization, Identification, and Description. V-Dem Working Paper, 2020:97.

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More detailed information on the dataset can be found at the following web page: <https://www.v-dem.net/ertds.html>

**Unit Notes:** The unit for this dataset is country and year. That means each row in the dataset can be identified by one country in combination with a year, using the columns `country_text_id` and `year`. The unit can also be expressed using the columns `country_id` and `year`.

### 5.77.1 V-Dem Country-Year Unit

**Translation Path:** V-Dem Country-Year (Primary Output Unit)

V-Dem Country-Year is the primary unit.

### 5.77.2 Complab Country-Year Unit

**Translation Path:** V-Dem Country-Year → Complab Country-Year

**V-Dem Country-Year Unit to Complab Country-Year Unit translation**

V-Dem Country-Year is translated to COMPLAB Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected V-Dem variables may only contain observations for a subset of countries and years included in their primary Output Unit. V-Dem identifier combinations that cannot be matched to COMPLAB identifier combinations are dropped, as data-quality for COMPLAB variables is prioritized in translations to this unit.

### 5.77.3 Complab Country-Year-Policy Unit

**Translation Path:** V-Dem Country-Year → Complab Country-Year-Policy

**V-Dem Country-Year Unit to Complab Country-Year-Policy Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

#### **5.77.4 Demscore Country-Year Unit**

**Translation Path: V-Dem Country-Year → Demscore Country-Year**

##### **V-Dem Country-Year Unit to Demscore Country-Year Unit translation**

V-Dem Country-Year is translated to DEMSCORE Country-Year by matching country and year identifiers from both Output Units.

V-Dem identifier combinations that cannot be matched to DEMSCORE identifier combinations are dropped.

#### **5.77.5 H-DATA Cabinet-Date Unit**

**Translation Path: V-Dem Country-Year → H-DATA Cabinet-Date**

##### **V-Dem Country-Year Unit to H-DATA Cabinet-Date Unit translation**

V-Dem Country-Year observations are matched to the final year a cabinet was in office.

Please note that your selected V-Dem variables may only contain observations for a subset of countries and years included in their primary Output Unit.

V-Dem identifier combinations that cannot be matched to H-DATA identifier combinations are dropped, as data-quality for H-DATA variables is prioritized in translations to this unit.

#### **5.77.6 H-DATA Country-Year Unit**

**Translation Path: V-Dem Country-Year → H-DATA Country-Year**

##### **V-Dem Country-Year Unit to H-DATA Country-Year Unit translation**

V-Dem Country-Year is translated to H-DATA Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected V-Dem variables may only contain observations for a subset of countries and years included in their primary Output Unit. V-Dem identifier combinations that cannot be matched to H-DATA identifier combinations are dropped, as data-quality for H-DATA variables is prioritized in translations to this unit.

#### **5.77.7 QoG Country-Year Unit**

**Translation Path: V-Dem Country-Year → QoG Country-Year**

##### **V-Dem Country-Year Unit to QoG Country-Year Unit translation**

V-Dem Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected V-Dem variables may only contain observations for a subset of countries and years included in their primary Output Unit. V-Dem identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

#### **5.77.8 REPDEM Cabinet-Party Unit**

**Translation Path: V-Dem Country-Year → REPDEM Cabinet-Party**

##### **V-Dem Country-Year Unit to REPDEM Cabinet-Party Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

### **5.77.9 REPDEM Country-Year Unit**

**Translation Path: V-Dem Country-Year → REPDEM Country-Year**

#### **V-Dem Country-Year Unit to REPDEM Country-Year Unit translation**

V-Dem Country-Year is translated to REPDEM Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected V-Dem variables may only contain observations for a subset of countries and years included in their primary Output Unit. V-Dem identifier combinations that cannot be matched to REPDEM identifier combinations are dropped, as data-quality for REPDEM variables is prioritized in translations to this unit.

### **5.77.10 Repdem Cabinet-Date Unit**

**Translation Path: V-Dem Country-Year → Repdem Cabinet-Date**

#### **V-Dem Country-Year Unit to Repdem Cabinet-Date Unit translation**

V-Dem Country-Year observations are matched to the final year a cabinet was in office.

Please note that your selected V-Dem variables may only contain observations for a subset of countries and years included in their primary Output Unit.

V-Dem identifier combinations that cannot be matched to REPDEM identifier combinations are dropped, as data-quality for REPDEM variables is prioritized in translations to this unit.

### **5.77.11 UCDP Country-Year Unit**

**Translation Path: V-Dem Country-Year → UCDP Country-Year**

#### **V-Dem Country-Year Unit to UCDP Country-Year Unit translation**

V-Dem Country-Year is translated to UCDP Country-Year by matching country and year identifiers from both Output Units.

V-Dem uses its own definitions and identifiers for country units, while UCDP uses Gleditsch and Ward.

Please note that your selected V-Dem variables may only contain observations for a subset of countries and years included in their primary Output Unit. V-Dem identifier combinations that cannot be matched to UCDP identifier combinations are dropped, as data-quality for UCDP variables is prioritized in translations to this unit.

#### **Additional information:**

We match countries based on the Gleditsch and Ward country identifiers in UCDP and the Correlates of War country identifiers in V-Dem. For the two cases the country identifiers differ (Germany and Yemen), we match them together nonetheless by adjusting the CoW identifier in V-Dem to the GW identifier from UCDP.

### **5.77.12 UCDP Event ID Unit**

**Translation Path: V-Dem Country-Year → UCDP Event ID**

#### **V-Dem Country-Year Unit to UCDP Event ID Unit translation**

V-Dem Country-Year is translated to UCDP Events by matching country and year identifiers from both Output Units. Country and year combinations from the starting Output unit are duplicated across all events that occurred with that country-year combination.

Please note that your selected V-Dem variables may only contain observations for a subset of countries and years included in their primary Output Unit. V-Dem identifier combinations that cannot be matched to UCDP identifier combinations are dropped

#### **Additional information:**

V-Dem uses their own country units and definitions, while UCDP uses Gleditsch and Ward. Please be aware

that for this translation, we match V-Dem Country identifiers to the location variable in the UCDP GED Dataset.

#### **5.77.13 UCDP Organized Violence Country-Year Unit**

**Translation Path: V-Dem Country-Year → UCDP Organized Violence Country-Year**

##### **V-Dem Country-Year Unit to UCDP Organized Violence Country-Year Unit translation**

V-Dem Country-Year is translated to UCDP OV Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected V-Dem variables may only contain observations for a subset of countries and years included in their primary Output Unit. V-Dem identifier combinations that cannot be matched to UCDP identifier combinations are dropped, as data-quality for UCDP variables is prioritized in translations to this unit.

##### **Additional information:**

We match countries based on the Gleditsch and Ward country identifiers in UCDP and the Correlates of War country identifiers in V-Dem. For the two cases the country identifiers differ (Germany and Yemen), we match them together nonetheless by adjusting the CoW identifier in V-Dem to the GW identifier from UCDP.

#### **5.77.14 V-Dem Country-Date Unit**

**Translation Path: V-Dem Country-Year → V-Dem Country-Date**

##### **V-Dem Country-Year Unit to V-Dem Country-Date Unit translation**

Countries are matched to countries and Year is extracted from Dates. Country-Year observations are then matched and duplicated across Country-Years.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

#### **5.77.15 V-Dem Party-Country-Year Unit**

**Translation Path: V-Dem Country-Year → V-Dem Party-Country-Year**

##### **V-Dem Country-Year Unit to V-Dem Party-Country-Year Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

#### **5.77.16 Complab Country-Year-Track Unit**

**Translation Path: V-Dem Country-Year → Complab Country-Year → Complab Country-Year-Track**

##### **V-Dem Country-Year Unit to Complab Country-Year Unit translation**

V-Dem Country-Year is translated to COMPLAB Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected V-Dem variables may only contain observations for a subset of countries and years included in their primary Output Unit. V-Dem identifier combinations that cannot be matched to COMPLAB identifier combinations are dropped, as data-quality for COMPLAB variables is prioritized in translations to this unit.

##### **Complab Country-Year Unit to Complab Country-Year-Track Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting

Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

#### **5.77.17 H-DATA Dyad-Year Unit**

**Translation Path: V-Dem Country-Year → H-DATA Country-Year → H-DATA Dyad-Year**

##### **V-Dem Country-Year Unit to H-DATA Country-Year Unit translation**

V-Dem Country-Year is translated to H-DATA Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected V-Dem variables may only contain observations for a subset of countries and years included in their primary Output Unit. V-Dem identifier combinations that cannot be matched to H-DATA identifier combinations are dropped, as data-quality for H-DATA variables is prioritized in translations to this unit.

##### **H-DATA Country-Year Unit to H-DATA Dyad-Year Unit translation**

Country-Years are matched to Country-Years using the country identifier for country 1 in the dyad.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

#### **5.77.18 H-DATA Minister-Date Unit**

**Translation Path: V-Dem Country-Year → H-DATA Country-Year → H-DATA Minister-Date**

##### **V-Dem Country-Year Unit to H-DATA Country-Year Unit translation**

V-Dem Country-Year is translated to H-DATA Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected V-Dem variables may only contain observations for a subset of countries and years included in their primary Output Unit. V-Dem identifier combinations that cannot be matched to H-DATA identifier combinations are dropped, as data-quality for H-DATA variables is prioritized in translations to this unit.

##### **H-DATA Country-Year Unit to H-DATA Minister-Date Unit translation**

Country-Year observations are matched to Country-Year observations based on the final year a minister in a country was in office.

Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

#### **5.77.19 QoG Agency-Fiscal Year Unit**

**Translation Path: V-Dem Country-Year → QoG Country-Year → QoG Agency-Fiscal Year**

##### **V-Dem Country-Year Unit to QoG Country-Year Unit translation**

V-Dem Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected V-Dem variables may only contain observations for a subset of countries and years included in their primary Output Unit. V-Dem identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

##### **QoG Country-Year Unit to QoG Agency-Fiscal Year Unit translation**

Country-Year data for Sweden is matched to Agency-Year data based on the agency year.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, and combinations that do not exist are dropped.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit

#### **5.77.20 QoG Country Unit**

**Translation Path: V-Dem Country-Year → QoG Country-Year → QoG Country**

##### **V-Dem Country-Year Unit to QoG Country-Year Unit translation**

V-Dem Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected V-Dem variables may only contain observations for a subset of countries and years included in their primary Output Unit. V-Dem identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

##### **QoG Country-Year Unit to QoG Country Unit translation**

QoG Country-Year is translated to QoG Country by matching the most recent Country-Year observation to Country observations.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in the primary Output Unit.

#### **5.77.21 QoG NUTS Region-Year Unit**

**Translation Path: V-Dem Country-Year → QoG Country-Year → QoG NUTS Region-Year**

##### **V-Dem Country-Year Unit to QoG Country-Year Unit translation**

V-Dem Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected V-Dem variables may only contain observations for a subset of countries and years included in their primary Output Unit. V-Dem identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

##### **QoG Country-Year Unit to QoG NUTS Region-Year Unit translation**

Country-Year is translated to Region-Year by matching country observations to regional observations collected for the NUTS0 level (and thus equal to the country level) and year identifiers to year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit.

#### **5.77.22 V-Dem Country-Date-Coder Unit**

**Translation Path: V-Dem Country-Year → V-Dem Country-Date → V-Dem Country-Date-Coder**

##### **V-Dem Country-Year Unit to V-Dem Country-Date Unit translation**

Countries are matched to countries and Year is extracted from Dates. Country-Year observations are then matched and duplicated across Country-Years.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

##### **V-Dem Country-Date Unit to V-Dem Country-Date-Coder Unit translation**



Country-Dates are matched to Country-Dates. Country-Date combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit.

### **5.77.23 QoG NUTS2 Region Unit**

**Translation Path: V-Dem Country-Year → QoG Country-Year → QoG NUTS Region-Year → QoG NUTS2 Region**

#### **V-Dem Country-Year Unit to QoG Country-Year Unit translation**

V-Dem Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected V-Dem variables may only contain observations for a subset of countries and years included in their primary Output Unit. V-Dem identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

#### **QoG Country-Year Unit to QoG NUTS Region-Year Unit translation**

Country-Year is translated to Region-Year by matching country observations to regional observations collected for the NUTS0 level (and thus equal to the country level) and year identifiers to year identifiers.

Please note that your selected QoG variables may only contain observations for a subset of countries and years included in their primary Output Unit.

#### **QoG NUTS Region-Year Unit to QoG NUTS2 Region Unit translation**

Observations for 2021 from the QoG Region Year Output Unit are matched to Country-Year.

Please note that the dataset may only contain a subset of regions and years included in its primary Output Unit.

## 5.78 V-Dem V-Party Coder Level v2

**Dataset tag:** vdem\_vp\_coder\_level

**Output Unit:** V-Dem Party-Date-Coder, i.e., data is collected per party, country and date.

**Description:** Includes global data on Political Parties at the coder level.

**Dataset citation:** Staffan I. Lindberg, Nils Düpont, Masaaki Higashijima, Yaman Berker Kavasoglu, Kyle L. Marquardt, Michael Bernhard, Holger Döring, Allen Hicken, Melis Laebens, Juraj Medzihorsky, Anja Neundorf, Ora John Reuter, Saskia Ruth-Lovell, Keith R. Weghorst, Nina Wiesehomeier, Joseph Wright, Nazifa Alizada, Paul Bederke, Lisa Gastaldi, Sandra Grahn, Garry Hindle, Nina Ilchenko, Johannes von Römer, Steven Wilson, Daniel Pemstein, and Brigitte Seim. 2022. “Varieties of Party Identity and Organization (V-Party) Dataset V2”. Varieties of Democracy (V-Dem) Project. <https://doi.org/10.23696/vpartydsv2>

and:

Pemstein, Daniel, Kyle L. Marquardt, Eitan Tselgov, Yi-ting Wang, Juraj Medzihorsky, Joshua Krusell, Farhad Miri, and Johannes von Römer. 2020. “The V-Dem Measurement Model: Latent Variable Analysis for Cross-National and Cross-Temporal Expert-Coded Data”. V-Dem Working Paper No. 21. 5th edition. University of Gothenburg: Varieties of Democracy Institute

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More detailed information on the dataset can be found at the following web page: <https://www.v-dem.net/vpartyds.html>

**Unit Notes:** The unit for this dataset is party and date. That means each row in the dataset can be identified by a party in combination with a date, using the columns v2paid and historical\_date. To make the party Ids more comprehensive, we also include the party name (v2paenname) in the Output Unit as well as the country\_name variable for aggregation and disaggregation.

Another unit for this dataset is party, country and year. Hence, a row in the dataset can also be identified through a combination of a party, a county and a year using the columns v2paid, country\_name and year.

### 5.78.1 V-Dem Party-Date-Coder Unit

**Translation Path: V-Dem Party-Date-Coder (Primary Output Unit)**

V-Dem Party-Date-Coder is the primary unit.

## 5.79 V-Dem V-Party v2

*Dataset tag:* vdem\_vparty

*Output Unit:* V-Dem Party-Country-Year, i.e., data is collected per party, country and year.

*Description:* The V-Party dataset includes global data on Political Parties.

*Dataset citation:* Staffan I. Lindberg, Nils Düpont, Masaaki Higashijima, Yaman Berker Kavasoglu, Kyle L. Marquardt, Michael Bernhard, Holger Döring, Allen Hicken, Melis Laebens, Juraj Medzihorsky, Anja Neundorf, Ora John Reuter, Saskia Ruth-Lovell, Keith R. Weghorst, Nina Wiesehomeier, Joseph Wright, Nazifa Alizada, Paul Bederke, Lisa Gastaldi, Sandra Grahn, Garry Hindle, Nina Ilchenko, Johannes von Römer, Steven Wilson, Daniel Pemstein, and Brigitte Seim. 2022. “Varieties of Party Identity and Organization (V-Party) Dataset V2”. Varieties of Democracy (V-Dem) Project. <https://doi.org/10.23696/vpartydsv2>

and:

Pemstein, Daniel, Kyle L. Marquardt, Eitan Tselgov, Yi-ting Wang, Juraj Medzihorsky, Joshua Krusell, Farhad Miri, and Johannes von Römer. 2020. “The V-Dem Measurement Model: Latent Variable Analysis for Cross-National and Cross-Temporal Expert-Coded Data”. V-Dem Working Paper No. 21. 5th edition. University of Gothenburg: Varieties of Democracy Institute

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More detailed information on the dataset can be found at the following web page: <https://www.v-dem.net/vpartyds.html>

**Unit Notes:** The unit for this dataset is party and date. That means each row in the dataset can be identified by a party and a country in combination with a date, using the columns v2paid and historical\_date. To make the party Ids more comprehensive, we also include the party name (v2paename) in the Output Unit.

### 5.79.1 V-Dem Party-Country-Year Unit

**Translation Path: V-Dem Party-Country-Year (Primary Output Unit)**

V-Dem Party-Country-Year is the primary unit.

### 5.79.2 V-Dem Country-Year Unit

**Translation Path: V-Dem Party-Country-Year → V-Dem Country-Year**

**V-Dem Party-Country-Year Unit to V-Dem Country-Year Unit translation**

Party-Country-Year observations are aggregated to a Country-Year level by creating new indices on political partys’ attitudes towards democratic norms, religion, economic policies and gender-based exclusion. For detailed information on the method, please see Angiolillo, A., Wiebrecht, F, and Lindberg, S. I. (2023) Democratic-Autocratic Party Systems: A New Index. V-Dem Working Paper Series 2023:143

and

Angiolillo, A. and Wiebrecht, F. (2023) From Individual Parties to Party Systems: A New Approach to Calculate Party Systems’ Variables. V-Dem Working Paper Series 2023:146.

### 5.79.3 V-Dem Party-Date-Coder Unit

**Translation Path: V-Dem Party-Country-Year → V-Dem Party-Date-Coder**

**V-Dem Party-Country-Year Unit to V-Dem Party-Date-Coder Unit translation**

Year is extracted from date. Country-, year- and party identifiers are matched to corresponding country-year-party combinations. Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit.

#### 5.79.4 Complab Country-Year Unit

**Translation Path: V-Dem Party-Country-Year → V-Dem Country-Year → Complab Country-Year**

##### **V-Dem Party-Country-Year Unit to V-Dem Country-Year Unit translation**

Party-Country-Year observations are aggregated to a Country-Year level by creating new indices on political partys' attitudes towards democratic norms, religion, economic policies and gender-based exclusion. For detailed information on the method, please see Angiolillo, A., Wiebrecht, F, and Lindberg, S. I. (2023) Democratic-Autocratic Party Systems: A New Index. V-Dem Working Paper Series 2023:143

and

Angiolillo, A. and Wiebrecht, F. (2023) From Individual Parties to Party Systems: A New Approach to Calculate Party Systems' Variables. V-Dem Working Paper Series 2023:146.

##### **V-Dem Country-Year Unit to Complab Country-Year Unit translation**

V-Dem Country-Year is translated to COMPLAB Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected V-Dem variables may only contain observations for a subset of countries and years included in their primary Output Unit. V-Dem identifier combinations that cannot be matched to COMPLAB identifier combinations are dropped, as data-quality for COMPLAB variables is prioritized in translations to this unit.

#### 5.79.5 Complab Country-Year-Policy Unit

**Translation Path: V-Dem Party-Country-Year → V-Dem Country-Year → Complab Country-Year-Policy**

##### **V-Dem Party-Country-Year Unit to V-Dem Country-Year Unit translation**

Party-Country-Year observations are aggregated to a Country-Year level by creating new indices on political partys' attitudes towards democratic norms, religion, economic policies and gender-based exclusion. For detailed information on the method, please see Angiolillo, A., Wiebrecht, F, and Lindberg, S. I. (2023) Democratic-Autocratic Party Systems: A New Index. V-Dem Working Paper Series 2023:143

and

Angiolillo, A. and Wiebrecht, F. (2023) From Individual Parties to Party Systems: A New Approach to Calculate Party Systems' Variables. V-Dem Working Paper Series 2023:146.

##### **V-Dem Country-Year Unit to Complab Country-Year-Policy Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

#### 5.79.6 Demscore Country-Year Unit

**Translation Path: V-Dem Party-Country-Year → V-Dem Country-Year → Demscore Country-Year**

##### **V-Dem Party-Country-Year Unit to V-Dem Country-Year Unit translation**

Party-Country-Year observations are aggregated to a Country-Year level by creating new indices on political partys' attitudes towards democratic norms, religion, economic policies and gender-based exclusion. For detailed information on the method, please see Angiolillo, A., Wiebrecht, F, and Lindberg, S. I. (2023) Democratic-Autocratic Party Systems: A New Index. V-Dem Working Paper Series 2023:143

and

Angiolillo, A. and Wiebrecht, F. (2023) From Individual Parties to Party Systems: A New Approach to Calculate Party Systems' Variables. V-Dem Working Paper Series 2023:146.

#### **V-Dem Country-Year Unit to Demscore Country-Year Unit translation**

V-Dem Country-Year is translated to DEMSCORE Country-Year by matching country and year identifiers from both Output Units.

V-Dem identifier combinations that cannot be matched to DEMSCORE identifier combinations are dropped.

#### **5.79.7 H-DATA Country-Year Unit**

**Translation Path: V-Dem Party-Country-Year → V-Dem Country-Year → H-DATA Country-Year**

#### **V-Dem Party-Country-Year Unit to V-Dem Country-Year Unit translation**

Party-Country-Year observations are aggregated to a Country-Year level by creating new indices on political partys' attitudes towards democratic norms, religion, economic policies and gender-based exclusion. For detailed information on the method, please see Angiolillo, A., Wiebrecht, F, and Lindberg, S. I. (2023) Democratic-Autocratic Party Systems: A New Index. V-Dem Working Paper Series 2023:143

and

Angiolillo, A. and Wiebrecht, F. (2023) From Individual Parties to Party Systems: A New Approach to Calculate Party Systems' Variables. V-Dem Working Paper Series 2023:146.

#### **V-Dem Country-Year Unit to H-DATA Country-Year Unit translation**

V-Dem Country-Year is translated to H-DATA Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected V-Dem variables may only contain observations for a subset of countries and years included in their primary Output Unit. V-Dem identifier combinations that cannot be matched to H-DATA identifier combinations are dropped, as data-quality for H-DATA variables is prioritized in translations to this unit.

#### **5.79.8 QoG Country-Year Unit**

**Translation Path: V-Dem Party-Country-Year → V-Dem Country-Year → QoG Country-Year**

#### **V-Dem Party-Country-Year Unit to V-Dem Country-Year Unit translation**

Party-Country-Year observations are aggregated to a Country-Year level by creating new indices on political partys' attitudes towards democratic norms, religion, economic policies and gender-based exclusion. For detailed information on the method, please see Angiolillo, A., Wiebrecht, F, and Lindberg, S. I. (2023) Democratic-Autocratic Party Systems: A New Index. V-Dem Working Paper Series 2023:143

and

Angiolillo, A. and Wiebrecht, F. (2023) From Individual Parties to Party Systems: A New Approach to Calculate Party Systems' Variables. V-Dem Working Paper Series 2023:146.

#### **V-Dem Country-Year Unit to QoG Country-Year Unit translation**

V-Dem Country-Year is translated to QoG Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected V-Dem variables may only contain observations for a subset of countries and years included in their primary Output Unit. V-Dem identifier combinations that cannot be matched to QoG identifier combinations are dropped, as data-quality for QoG variables is prioritized in translations to this unit.

#### **5.79.9 REPDEM Cabinet-Party Unit**

**Translation Path: V-Dem Party-Country-Year → V-Dem Country-Year → REPDEM Cabinet-Party**

### **V-Dem Party-Country-Year Unit to V-Dem Country-Year Unit translation**

Party-Country-Year observations are aggregated to a Country-Year level by creating new indices on political partys' attitudes towards democratic norms, religion, economic policies and gender-based exclusion. For detailed information on the method, please see Angiolillo, A., Wiebrecht, F, and Lindberg, S. I. (2023) Democratic-Autocratic Party Systems: A New Index. V-Dem Working Paper Series 2023:143

and

Angiolillo, A. and Wiebrecht, F. (2023) From Individual Parties to Party Systems: A New Approach to Calculate Party Systems' Variables. V-Dem Working Paper Series 2023:146.

### **V-Dem Country-Year Unit to REPDEM Cabinet-Party Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

### **5.79.10 REPDEM Country-Year Unit**

**Translation Path: V-Dem Party-Country-Year → V-Dem Country-Year → REPDEM Country-Year**

### **V-Dem Party-Country-Year Unit to V-Dem Country-Year Unit translation**

Party-Country-Year observations are aggregated to a Country-Year level by creating new indices on political partys' attitudes towards democratic norms, religion, economic policies and gender-based exclusion. For detailed information on the method, please see Angiolillo, A., Wiebrecht, F, and Lindberg, S. I. (2023) Democratic-Autocratic Party Systems: A New Index. V-Dem Working Paper Series 2023:143

and

Angiolillo, A. and Wiebrecht, F. (2023) From Individual Parties to Party Systems: A New Approach to Calculate Party Systems' Variables. V-Dem Working Paper Series 2023:146.

### **V-Dem Country-Year Unit to REPDEM Country-Year Unit translation**

V-Dem Country-Year is translated to REPDEM Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected V-Dem variables may only contain observations for a subset of countries and years included in their primary Output Unit. V-Dem identifier combinations that cannot be matched to REPDEM identifier combinations are dropped, as data-quality for REPDEM variables is prioritized in translations to this unit.

### **5.79.11 Repdem Cabinet-Date Unit**

**Translation Path: V-Dem Party-Country-Year → V-Dem Country-Year → Repdem Cabinet-date**

### **V-Dem Party-Country-Year Unit to V-Dem Country-Year Unit translation**

Party-Country-Year observations are aggregated to a Country-Year level by creating new indices on political partys' attitudes towards democratic norms, religion, economic policies and gender-based exclusion. For detailed information on the method, please see Angiolillo, A., Wiebrecht, F, and Lindberg, S. I. (2023) Democratic-Autocratic Party Systems: A New Index. V-Dem Working Paper Series 2023:143

and

Angiolillo, A. and Wiebrecht, F. (2023) From Individual Parties to Party Systems: A New Approach to Calculate Party Systems' Variables. V-Dem Working Paper Series 2023:146.

### **5.79.12 UCDP Country-Year Unit**

**Translation Path:** V-Dem Party-Country-Year → V-Dem Country-Year → UCDP Country-Year

#### **V-Dem Party-Country-Year Unit to V-Dem Country-Year Unit translation**

Party-Country-Year observations are aggregated to a Country-Year level by creating new indices on political partys' attitudes towards democratic norms, religion, economic policies and gender-based exclusion. For detailed information on the method, please see Angiolillo, A., Wiebrecht, F, and Lindberg, S. I. (2023) Democratic-Autocratic Party Systems: A New Index. V-Dem Working Paper Series 2023:143

and

Angiolillo, A. and Wiebrecht, F. (2023) From Individual Parties to Party Systems: A New Approach to Calculate Party Systems' Variables. V-Dem Working Paper Series 2023:146.

#### **V-Dem Country-Year Unit to UCDP Country-Year Unit translation**

V-Dem Country-Year is translated to UCDP Country-Year by matching country and year identifiers from both Output Units.

V-Dem uses its own definitions and identifiers for country units, while UCDP uses Gleditsch and Ward.

Please note that your selected V-Dem variables may only contain observations for a subset of countries and years included in their primary Output Unit. V-Dem identifier combinations that cannot be matched to UCDP identifier combinations are dropped, as data-quality for UCDP variables is prioritized in translations to this unit.

### **5.79.13 UCDP Organized Violence Country-Year Unit**

**Translation Path:** V-Dem Party-Country-Year → V-Dem Country-Year → UCDP Organized Violence Country-Year

#### **V-Dem Party-Country-Year Unit to V-Dem Country-Year Unit translation**

Party-Country-Year observations are aggregated to a Country-Year level by creating new indices on political partys' attitudes towards democratic norms, religion, economic policies and gender-based exclusion. For detailed information on the method, please see Angiolillo, A., Wiebrecht, F, and Lindberg, S. I. (2023) Democratic-Autocratic Party Systems: A New Index. V-Dem Working Paper Series 2023:143

and

Angiolillo, A. and Wiebrecht, F. (2023) From Individual Parties to Party Systems: A New Approach to Calculate Party Systems' Variables. V-Dem Working Paper Series 2023:146.

#### **V-Dem Country-Year Unit to UCDP Organized Violence Country-Year Unit translation**

V-Dem Country-Year is translated to UCDP OV Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected V-Dem variables may only contain observations for a subset of countries and years included in their primary Output Unit. V-Dem identifier combinations that cannot be matched to UCDP identifier combinations are dropped, as data-quality for UCDP variables is prioritized in translations to this unit.

### **5.79.14 V-Dem Country-Date Unit**

**Translation Path:** V-Dem Party-Country-Year → V-Dem Country-Year → V-Dem Country-Date

#### **V-Dem Party-Country-Year Unit to V-Dem Country-Year Unit translation**

Party-Country-Year observations are aggregated to a Country-Year level by creating new indices on political partys' attitudes towards democratic norms, religion, economic policies and gender-based exclusion. For detailed information on the method, please see Angiolillo, A., Wiebrecht, F, and Lindberg, S. I. (2023) Democratic-Autocratic Party Systems: A New Index. V-Dem Working Paper Series 2023:143

and

Angiolillo, A. and Wiebrecht, F. (2023) From Individual Parties to Party Systems: A New Approach to Calculate Party Systems' Variables. V-Dem Working Paper Series 2023:146.

#### **V-Dem Country-Year Unit to V-Dem Country-Date Unit translation**

Countries are matched to countries and Year is extracted from Dates. Country-Year observations are then matched and duplicated across Country-Years.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

#### **5.79.15 Complab Country-Year-Track Unit**

**Translation Path: V-Dem Party-Country-Year → V-Dem Country-Year → Complab Country-Year → Complab Country-Year-Track**

#### **V-Dem Party-Country-Year Unit to V-Dem Country-Year Unit translation**

Party-Country-Year observations are aggregated to a Country-Year level by creating new indices on political partys' attitudes towards democratic norms, religion, economic policies and gender-based exclusion. For detailed information on the method, please see Angiolillo, A., Wiebrecht, F, and Lindberg, S. I. (2023) Democratic-Autocratic Party Systems: A New Index. V-Dem Working Paper Series 2023:143

and

Angiolillo, A. and Wiebrecht, F. (2023) From Individual Parties to Party Systems: A New Approach to Calculate Party Systems' Variables. V-Dem Working Paper Series 2023:146.

#### **V-Dem Country-Year Unit to Complab Country-Year Unit translation**

V-Dem Country-Year is translated to COMPLAB Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected V-Dem variables may only contain observations for a subset of countries and years included in their primary Output Unit. V-Dem identifier combinations that cannot be matched to COMPLAB identifier combinations are dropped, as data-quality for COMPLAB variables is prioritized in translations to this unit.

#### **Complab Country-Year Unit to Complab Country-Year-Track Unit translation**

Country-Year observations are matched to Country-Years. Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

Please note that the dataset may only contain a subset of countries and years, included in its primary Output Unit.

#### **5.79.16 H-DATA Dyad-Year Unit**

**Translation Path: V-Dem Party-Country-Year → V-Dem Country-Year → H-DATA Country-Year → H-DATA Dyad-Year**

#### **V-Dem Party-Country-Year Unit to V-Dem Country-Year Unit translation**

Party-Country-Year observations are aggregated to a Country-Year level by creating new indices on political partys' attitudes towards democratic norms, religion, economic policies and gender-based exclusion. For detailed information on the method, please see Angiolillo, A., Wiebrecht, F, and Lindberg, S. I. (2023) Democratic-Autocratic Party Systems: A New Index. V-Dem Working Paper Series 2023:143

and

Angiolillo, A. and Wiebrecht, F. (2023) From Individual Parties to Party Systems: A New Approach to Calculate Party Systems' Variables. V-Dem Working Paper Series 2023:146.

#### **V-Dem Country-Year Unit to H-DATA Country-Year Unit translation**



V-Dem Country-Year is translated to H-DATA Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected V-Dem variables may only contain observations for a subset of countries and years included in their primary Output Unit. V-Dem identifier combinations that cannot be matched to H-DATA identifier combinations are dropped, as data-quality for H-DATA variables is prioritized in translations to this unit.

#### **H-DATA Country-Year Unit to H-DATA Dyad-Year Unit translation**

Country-Years are matched to Country-Years using the country identifier for country 1 in the dyad.

Combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

#### **5.79.17 H-DATA Minister-Date Unit**

**Translation Path: V-Dem Party-Country-Year → V-Dem Country-Year → H-DATA Country-Year → H-DATA Minister-Date**

#### **V-Dem Party-Country-Year Unit to V-Dem Country-Year Unit translation**

Party-Country-Year observations are aggregated to a Country-Year level by creating new indices on political partys' attitudes towards democratic norms, religion, economic policies and gender-based exclusion. For detailed information on the method, please see Angiolillo, A., Wiebrecht, F, and Lindberg, S. I. (2023) Democratic-Autocratic Party Systems: A New Index. V-Dem Working Paper Series 2023:143

and

Angiolillo, A. and Wiebrecht, F. (2023) From Individual Parties to Party Systems: A New Approach to Calculate Party Systems' Variables. V-Dem Working Paper Series 2023:146.

#### **V-Dem Country-Year Unit to H-DATA Country-Year Unit translation**

V-Dem Country-Year is translated to H-DATA Country-Year by matching country and year identifiers from both Output Units.

Please note that your selected V-Dem variables may only contain observations for a subset of countries and years included in their primary Output Unit. V-Dem identifier combinations that cannot be matched to H-DATA identifier combinations are dropped, as data-quality for H-DATA variables is prioritized in translations to this unit.

#### **H-DATA Country-Year Unit to H-DATA Minister-Date Unit translation**

Country-Year observations are matched to Country-Year observations based on the final year a minister in a country was in office.

Country-Year combinations from the starting Output Unit are duplicated if the respective combination exists more than once in the end Output Unit, combinations that do not exist in the end Output Unit are dropped.

## 5.80 VIEWS Country-Month Conflict Predictions (Last Input Data: January 2022)

**Dataset tag:** views\_cm\_01\_22

**Output Unit:** VIEWS Country-Month, i.e., data is predicted per country and month.

**Description:**

A global dataset containing the Violence Impacts Early-Warning System predictions for state-based conflict over a rolling three-year forecasting window. The month and year listed in the dataset name refer to the last month of input data informing the predictions. The forecasts are provided as point predictions for the number of people killed per country and month (expressed in natural logged form plus 1, i.e.  $\ln(\text{fatalities}+1)$ ).

**Dataset citation:**

Hegre, H. et al. (2022) 'Forecasting fatalities', Uppsala University, Technical report. URN: urn:nbn:se:uu:diva-476476.

Hegre, H. et al. (2021) 'ViEWS2020: Revising and evaluating the ViEWS political Violence Early-Warning System', *Journal of Peace Research*, 58(3), pp. 599–611. doi:10.1177/0022343320962157.

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More detailed information on the dataset can be found at the following web page: <https://viewsforecasting.org/resources/#downloads> and <https://viewsforecasting.org/methodology/definitions/>

**Unit Notes:** The unit of this dataset is a country and a month. This means that each row in the dataset can be identified through a combination of the variables country\_id and month\_id.

Rows in the dataset can also be identified through a combination of month\_id and isoab, gwcode or name.

### 5.80.1 VIEWS Country-Month Unit

**Translation Path: VIEWS Country-Month (Primary Output Unit)**

VIEWS Country-Month is the primary unit.

## 5.81 VIEWS Country-Month Conflict Predictions (Last Input Data: January 2023)

**Dataset tag:** views\_cm\_01\_23

**Output Unit:** VIEWS Country-Month, i.e., data is predicted per country and month.

**Description:**

A global dataset containing the Violence Impacts Early-Warning System predictions for state-based conflict over a rolling three-year forecasting window. The month and year listed in the dataset name refer to the last month of input data informing the predictions. The forecasts are provided as point predictions for the number of people killed per country and month (expressed in natural logged form plus 1, i.e.  $\ln(\text{fatalities}+1)$ ).

**Dataset citation:**

Hegre, H. et al. (2022) 'Forecasting fatalities', Uppsala University, Technical report. URN: urn:nbn:se:uu:diva-476476.

Hegre, H. et al. (2021) 'ViEWS2020: Revising and evaluating the ViEWS political Violence Early-Warning System', *Journal of Peace Research*, 58(3), pp. 599–611. doi:10.1177/0022343320962157.

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More detailed information on the dataset can be found at the following web page: <https://viewsforecasting.org/resources/#downloads> and <https://viewsforecasting.org/methodology/definitions/>

**Unit Notes:** The unit of this dataset is a country and a month. This means that each row in the dataset can be identified through a combination of the variables `country_id` and `month_id`.

Rows in the dataset can also be identified through a combination of `month_id` and `isoab`, `gwcode` or `name`.

### 5.81.1 VIEWS Country-Month Unit

**Translation Path:** VIEWS Country-Month (Primary Output Unit)

VIEWS Country-Month is the primary unit.

## 5.82 VIEWS Country-Month Conflict Predictions (Last Input Data: February 2022)

**Dataset tag:** views\_cm\_02\_22

**Output Unit:** VIEWS Country-Month, i.e., data is predicted per country and month.

**Description:**

A global dataset containing the Violence Impacts Early-Warning System predictions for state-based conflict over a rolling three-year forecasting window. The month and year listed in the dataset name refer to the last month of input data informing the predictions. The forecasts are provided as point predictions for the number of people killed per country and month (expressed in natural logged form plus 1, i.e.  $\ln(\text{fatalities}+1)$ ).

**Dataset citation:**

Hegre, H. et al. (2022) 'Forecasting fatalities', Uppsala University, Technical report. URN: urn:nbn:se:uu:diva-476476.

Hegre, H. et al. (2021) 'ViEWS2020: Revising and evaluating the ViEWS political Violence Early-Warning System', *Journal of Peace Research*, 58(3), pp. 599–611. doi:10.1177/0022343320962157.

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More detailed information on the dataset can be found at the following web page: <https://viewsforecasting.org/resources/#downloads> and <https://viewsforecasting.org/methodology/definitions/>

**Unit Notes:** The unit of this dataset is a country and a month. This means that each row in the dataset can be identified through a combination of the variables country\_id and month\_id.

Rows in the dataset can also be identified through a combination of month\_id and isoab, gwcode or name.

### 5.82.1 VIEWS Country-Month Unit

**Translation Path: VIEWS Country-Month (Primary Output Unit)**

VIEWS Country-Month is the primary unit.

## 5.83 VIEWS Country-Month Conflict Predictions (Last Input Data: February 2023)

**Dataset tag:** views\_cm\_02\_23

**Output Unit:** VIEWS Country-Month, i.e., data is predicted per country and month.

**Description:**

A global dataset containing the Violence Impacts Early-Warning System predictions for state-based conflict over a rolling three-year forecasting window. The month and year listed in the dataset name refer to the last month of input data informing the predictions. The forecasts are provided as point predictions for the number of people killed per country and month (expressed in natural logged form plus 1, i.e.  $\ln(\text{fatalities}+1)$ ).

**Dataset citation:**

Hegre, H. et al. (2022) 'Forecasting fatalities', Uppsala University, Technical report. URN: urn:nbn:se:uu:diva-476476.

Hegre, H. et al. (2021) 'ViEWS2020: Revising and evaluating the ViEWS political Violence Early-Warning System', *Journal of Peace Research*, 58(3), pp. 599–611. doi:10.1177/0022343320962157.

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More detailed information on the dataset can be found at the following web page: <https://viewsforecasting.org/resources/#downloads> and <https://viewsforecasting.org/methodology/definitions/>

**Unit Notes:** The unit of this dataset is a country and a month. This means that each row in the dataset can be identified through a combination of the variables country\_id and month\_id.

Rows in the dataset can also be identified through a combination of month\_id and isoab, gwcode or name.

### 5.83.1 VIEWS Country-Month Unit

**Translation Path: VIEWS Country-Month (Primary Output Unit)**

VIEWS Country-Month is the primary unit.

## 5.84 VIEWS Country-Month Conflict Predictions (Last Input Data: March 2022)

**Dataset tag:** views\_cm\_03\_22

**Output Unit:** VIEWS Country-Month, i.e., data is predicted per country and month.

**Description:**

A global dataset containing the Violence Impacts Early-Warning System predictions for state-based conflict over a rolling three-year forecasting window. The month and year listed in the dataset name refer to the last month of input data informing the predictions. The forecasts are provided as point predictions for the number of people killed per country and month (expressed in natural logged form plus 1, i.e.  $\ln(\text{fatalities}+1)$ ).

**Dataset citation:**

Hegre, H. et al. (2022) 'Forecasting fatalities', Uppsala University, Technical report. URN: urn:nbn:se:uu:diva-476476.

Hegre, H. et al. (2021) 'ViEWS2020: Revising and evaluating the ViEWS political Violence Early-Warning System', *Journal of Peace Research*, 58(3), pp. 599–611. doi:10.1177/0022343320962157.

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More detailed information on the dataset can be found at the following web page: <https://viewsforecasting.org/resources/#downloads> and <https://viewsforecasting.org/methodology/definitions/>

**Unit Notes:** The unit of this dataset is a country and a month. This means that each row in the dataset can be identified through a combination of the variables country\_id and month\_id.

Rows in the dataset can also be identified through a combination of month\_id and isoab, gwcode or name.

### 5.84.1 VIEWS Country-Month Unit

**Translation Path: VIEWS Country-Month (Primary Output Unit)**

VIEWS Country-Month is the primary unit.

## 5.85 VIEWS Country-Month Conflict Predictions (Last Input Data: March 2023)

**Dataset tag:** views\_cm\_03\_23

**Output Unit:** VIEWS Country-Month, i.e., data is predicted per country and month.

**Description:**

A global dataset containing the Violence Impacts Early-Warning System predictions for state-based conflict over a rolling three-year forecasting window. The month and year listed in the dataset name refer to the last month of input data informing the predictions. The forecasts are provided as point predictions for the number of people killed per country and month (expressed in natural logged form plus 1, i.e.  $\ln(\text{fatalities}+1)$ ).

**Dataset citation:**

Hegre, H. et al. (2022) 'Forecasting fatalities', Uppsala University, Technical report. URN: urn:nbn:se:uu:diva-476476.

Hegre, H. et al. (2021) 'ViEWS2020: Revising and evaluating the ViEWS political Violence Early-Warning System', *Journal of Peace Research*, 58(3), pp. 599–611. doi:10.1177/0022343320962157.

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More detailed information on the dataset can be found at the following web page: <https://viewsforecasting.org/resources/#downloads> and <https://viewsforecasting.org/methodology/definitions/>

**Unit Notes:** The unit of this dataset is a country and a month. This means that each row in the dataset can be identified through a combination of the variables country\_id and month\_id.

Rows in the dataset can also be identified through a combination of month\_id and isoab, gwcode or name.

### 5.85.1 VIEWS Country-Month Unit

**Translation Path: VIEWS Country-Month (Primary Output Unit)**

VIEWS Country-Month is the primary unit.

## 5.86 VIEWS Country-Month Conflict Predictions (Last Input Data: April 2022)

**Dataset tag:** views\_cm\_04\_22

**Output Unit:** VIEWS Country-Month, i.e., data is predicted per country and month.

**Description:**

A global dataset containing the Violence Impacts Early-Warning System predictions for state-based conflict over a rolling three-year forecasting window. The month and year listed in the dataset name refer to the last month of input data informing the predictions. The forecasts are provided as point predictions for the number of people killed per country and month (expressed in natural logged form plus 1, i.e.  $\ln(\text{fatalities}+1)$ ).

**Dataset citation:**

Hegre, H. et al. (2022) 'Forecasting fatalities', Uppsala University, Technical report. URN: urn:nbn:se:uu:diva-476476.

Hegre, H. et al. (2021) 'ViEWS2020: Revising and evaluating the ViEWS political Violence Early-Warning System', *Journal of Peace Research*, 58(3), pp. 599–611. doi:10.1177/0022343320962157.

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More detailed information on the dataset can be found at the following web page: <https://viewsforecasting.org/resources/#downloads> and <https://viewsforecasting.org/methodology/definitions/>

**Unit Notes:** The unit of this dataset is a country and a month. This means that each row in the dataset can be identified through a combination of the variables country\_id and month\_id.

Rows in the dataset can also be identified through a combination of month\_id and isoab, gwcode or name.

### 5.86.1 VIEWS Country-Month Unit

**Translation Path: VIEWS Country-Month (Primary Output Unit)**

VIEWS Country-Month is the primary unit.



## 5.87 VIEWS Country-Month Conflict Predictions (Last Input Data: April 2023)

**Dataset tag:** views\_cm\_04\_23

**Output Unit:** VIEWS Country-Month, i.e., data is predicted per country and month.

**Description:**

A global dataset containing the Violence and Impacts Early-Warning System predictions for state-based conflict per country and month over a rolling three-year forecasting window. The month and year listed in the dataset name refer to the last month of input data informing the predictions. The forecasts are provided as point predictions for the number of people that will be killed per country and month (expressed in both logged and non-logged form), as well as in the form of dichotomous predictions for the probability that at least 25 battle-related deaths will be reached or exceeded in any country-month).

**Dataset citation:**

Hegre, H. et al. (2022) 'Forecasting fatalities', Uppsala University, Technical report. URN: urn:nbn:se:uu:diva-476476.

Hegre, H. et al. (2021) 'ViEWS2020: Revising and evaluating the ViEWS political Violence Early-Warning System', *Journal of Peace Research*, 58(3), pp. 599–611. doi:10.1177/0022343320962157.

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More detailed information on the dataset can be found at the following web page: <https://viewsforecasting.org/resources/#downloads> and <https://viewsforecasting.org/methodology/definitions/>

**Unit Notes:** The unit of this dataset is a country and a month. This means that each row in the dataset can be identified through a combination of the variables `country_id` and `month_id`.

Rows in the dataset can also be identified through a combination of `month_id` and `isoab`, `gwcode` or `name`.

### 5.87.1 VIEWS Country-Month Unit

**Translation Path:** VIEWS Country-Month (Primary Output Unit)

VIEWS Country-Month is the primary unit.

## 5.88 VIEWS Country-Month Conflict Predictions (Last Input Data: May 2022)

**Dataset tag:** views\_cm\_05\_22

**Output Unit:** VIEWS Country-Month, i.e., data is predicted per country and month.

**Description:**

A global dataset containing the Violence Impacts Early-Warning System predictions for state-based conflict over a rolling three-year forecasting window. The month and year listed in the dataset name refer to the last month of input data informing the predictions. The forecasts are provided as point predictions for the number of people killed per country and month (expressed in natural logged form plus 1, i.e.  $\ln(\text{fatalities}+1)$ ).

**Dataset citation:**

Hegre, H. et al. (2022) 'Forecasting fatalities', Uppsala University, Technical report. URN: urn:nbn:se:uu:diva-476476.

Hegre, H. et al. (2021) 'ViEWS2020: Revising and evaluating the ViEWS political Violence Early-Warning System', *Journal of Peace Research*, 58(3), pp. 599–611. doi:10.1177/0022343320962157.

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More detailed information on the dataset can be found at the following web page: <https://viewsforecasting.org/resources/#downloads> and <https://viewsforecasting.org/methodology/definitions/>

**Unit Notes:** The unit of this dataset is a country and a month. This means that each row in the dataset can be identified through a combination of the variables country\_id and month\_id.

Rows in the dataset can also be identified through a combination of month\_id and isoab, gwcode or name.

### 5.88.1 VIEWS Country-Month Unit

**Translation Path: VIEWS Country-Month (Primary Output Unit)**

VIEWS Country-Month is the primary unit.

## 5.89 VIEWS Country-Month Conflict Predictions (Last Input Data: May 2023)

**Dataset tag:** views\_cm\_05\_23

**Output Unit:** VIEWS Country-Month, i.e., data is predicted per country and month.

**Description:**

A global dataset containing the Violence and Impacts Early-Warning System predictions for state-based conflict per country and month over a rolling three-year forecasting window. The month and year listed in the dataset name refer to the last month of input data informing the predictions. The forecasts are provided as point predictions for the number of people that will be killed per country and month (expressed in both logged and non-logged form), as well as in the form of dichotomous predictions for the probability that at least 25 battle-related deaths will be reached or exceeded in any country-month).

**Dataset citation:**

Hegre, H. et al. (2022) 'Forecasting fatalities', Uppsala University, Technical report. URN: urn:nbn:se:uu:diva-476476.

Hegre, H. et al. (2021) 'ViEWS2020: Revising and evaluating the ViEWS political Violence Early-Warning System', *Journal of Peace Research*, 58(3), pp. 599–611. doi:10.1177/0022343320962157.

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**Unit Notes:** The unit of this dataset is a country and a month. This means that each row in the dataset can be identified through a combination of the variables `country_id` and `month_id`.

Rows in the dataset can also be identified through a combination of `month_id` and `isoab`, `gwcode` or `name`.

### 5.89.1 VIEWS Country-Month Unit

**Translation Path: VIEWS Country-Month (Primary Output Unit)**

VIEWS Country-Month is the primary unit.

## 5.90 VIEWS Country-Month Conflict Predictions (Last Input Data: June 2022)

**Dataset tag:** views\_cm\_06\_22

**Output Unit:** VIEWS Country-Month, i.e., data is predicted per country and month.

**Description:**

A global dataset containing the Violence Impacts Early-Warning System predictions for state-based conflict over a rolling three-year forecasting window. The month and year listed in the dataset name refer to the last month of input data informing the predictions. The forecasts are provided as point predictions for the number of people killed per country and month (expressed in natural logged form plus 1, i.e.  $\ln(\text{fatalities}+1)$ ).

**Dataset citation:**

Hegre, H. et al. (2022) 'Forecasting fatalities', Uppsala University, Technical report. URN: urn:nbn:se:uu:diva-476476.

Hegre, H. et al. (2021) 'ViEWS2020: Revising and evaluating the ViEWS political Violence Early-Warning System', *Journal of Peace Research*, 58(3), pp. 599–611. doi:10.1177/0022343320962157.

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More detailed information on the dataset can be found at the following web page: <https://viewsforecasting.org/resources/#downloads> and <https://viewsforecasting.org/methodology/definitions/>

**Unit Notes:** The unit of this dataset is a country and a month. This means that each row in the dataset can be identified through a combination of the variables country\_id and month\_id.

Rows in the dataset can also be identified through a combination of month\_id and isoab, gwcode or name.

### 5.90.1 VIEWS Country-Month Unit

**Translation Path: VIEWS Country-Month (Primary Output Unit)**

VIEWS Country-Month is the primary unit.

## 5.91 VIEWS Country-Month Conflict Predictions (Last Input Data: June 2023)

**Dataset tag:** views\_cm\_06\_23

**Output Unit:** VIEWS Country-Month, i.e., data is predicted per country and month.

**Description:**

A global dataset containing the Violence and Impacts Early-Warning System predictions for state-based conflict per country and month over a rolling three-year forecasting window. The month and year listed in the dataset name refer to the last month of input data informing the predictions. The forecasts are provided as point predictions for the number of people that will be killed per country and month (expressed in both logged and non-logged form), as well as in the form of dichotomous predictions for the probability that at least 25 battle-related deaths will be reached or exceeded in any country-month).

**Dataset citation:**

Hegre, H. et al. (2022) 'Forecasting fatalities', Uppsala University, Technical report. URN: urn:nbn:se:uu:diva-476476.

Hegre, H. et al. (2021) 'ViEWS2020: Revising and evaluating the ViEWS political Violence Early-Warning System', *Journal of Peace Research*, 58(3), pp. 599–611. doi:10.1177/0022343320962157.

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More detailed information on the dataset can be found at the following web page: <https://viewsforecasting.org/resources/#downloads> and <https://viewsforecasting.org/methodology/definitions/>

**Unit Notes:** The unit of this dataset is a country and a month. This means that each row in the dataset can be identified through a combination of the variables `country_id` and `month_id`.

Rows in the dataset can also be identified through a combination of `month_id` and `isoab`, `gwcode` or `name`.

### 5.91.1 VIEWS Country-Month Unit

**Translation Path:** VIEWS Country-Month (Primary Output Unit)

VIEWS Country-Month is the primary unit.

## 5.92 VIEWS Country-Month Conflict Predictions (Last Input Data: July 2022)

**Dataset tag:** views\_cm\_07\_22

**Output Unit:** VIEWS Country-Month, i.e., data is predicted per country and month.

**Description:**

A global dataset containing the Violence Impacts Early-Warning System predictions for state-based conflict over a rolling three-year forecasting window. The month and year listed in the dataset name refer to the last month of input data informing the predictions. The forecasts are provided as point predictions for the number of people killed per country and month (expressed in natural logged form plus 1, i.e.  $\ln(\text{fatalities}+1)$ ).

**Dataset citation:**

Hegre, H. et al. (2022) 'Forecasting fatalities', Uppsala University, Technical report. URN: urn:nbn:se:uu:diva-476476.

Hegre, H. et al. (2021) 'ViEWS2020: Revising and evaluating the ViEWS political Violence Early-Warning System', *Journal of Peace Research*, 58(3), pp. 599–611. doi:10.1177/0022343320962157.

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More detailed information on the dataset can be found at the following web page: <https://viewsforecasting.org/resources/#downloads> and <https://viewsforecasting.org/methodology/definitions/>

**Unit Notes:** The unit of this dataset is a country and a month. This means that each row in the dataset can be identified through a combination of the variables `country_id` and `month_id`.

Rows in the dataset can also be identified through a combination of `month_id` and `isoab`, `gwcode` or `name`.

### 5.92.1 VIEWS Country-Month Unit

**Translation Path: VIEWS Country-Month (Primary Output Unit)**

VIEWS Country-Month is the primary unit.

## 5.93 VIEWS Country-Month Conflict Predictions (Last Input Data: July 2023)

**Dataset tag:** views\_cm\_07\_23

**Output Unit:** VIEWS Country-Month, i.e., data is predicted per country and month.

**Description:**

A global dataset containing the Violence and Impacts Early-Warning System predictions for state-based conflict per country and month over a rolling three-year forecasting window. The month and year listed in the dataset name refer to the last month of input data informing the predictions. The forecasts are provided as point predictions for the number of people that will be killed per country and month (expressed in both logged and non-logged form), as well as in the form of dichotomous predictions for the probability that at least 25 battle-related deaths will be reached or exceeded in any country-month).

**Dataset citation:**

Hegre, H. et al. (2022) 'Forecasting fatalities', Uppsala University, Technical report. URN: urn:nbn:se:uu:diva-476476.

Hegre, H. et al. (2021) 'ViEWS2020: Revising and evaluating the ViEWS political Violence Early-Warning System', *Journal of Peace Research*, 58(3), pp. 599–611. doi:10.1177/0022343320962157.

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More detailed information on the dataset can be found at the following web page: <https://viewsforecasting.org/resources/#downloads> and <https://viewsforecasting.org/methodology/definitions/>

**Unit Notes:** The unit of this dataset is a country and a month. This means that each row in the dataset can be identified through a combination of the variables `country_id` and `month_id`.

Rows in the dataset can also be identified through a combination of `month_id` and `isoab`, `gwcode` or `name`.

### 5.93.1 VIEWS Country-Month Unit

**Translation Path:** VIEWS Country-Month (Primary Output Unit)

VIEWS Country-Month is the primary unit.

## 5.94 VIEWS Country-Month Conflict Predictions (Last Input Data: August 2022)

**Dataset tag:** views\_cm\_08\_22

**Output Unit:** VIEWS Country-Month, i.e., data is predicted per country and month.

**Description:**

A global dataset containing the Violence Impacts Early-Warning System predictions for state-based conflict over a rolling three-year forecasting window. The month and year listed in the dataset name refer to the last month of input data informing the predictions. The forecasts are provided as point predictions for the number of people killed per country and month (expressed in natural logged form plus 1, i.e.  $\ln(\text{fatalities}+1)$ ).

**Dataset citation:**

Hegre, H. et al. (2022) 'Forecasting fatalities', Uppsala University, Technical report. URN: urn:nbn:se:uu:diva-476476.

Hegre, H. et al. (2021) 'ViEWS2020: Revising and evaluating the ViEWS political Violence Early-Warning System', *Journal of Peace Research*, 58(3), pp. 599–611. doi:10.1177/0022343320962157.

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More detailed information on the dataset can be found at the following web page: <https://viewsforecasting.org/resources/#downloads> and <https://viewsforecasting.org/methodology/definitions/>

**Unit Notes:** The unit of this dataset is a country and a month. This means that each row in the dataset can be identified through a combination of the variables country\_id and month\_id.

Rows in the dataset can also be identified through a combination of month\_id and isoab, gwcode or name.

### 5.94.1 VIEWS Country-Month Unit

**Translation Path: VIEWS Country-Month (Primary Output Unit)**

VIEWS Country-Month is the primary unit.



## 5.95 VIEWS Country-Month Conflict Predictions (Last Input Data: August 2023)

**Dataset tag:** views\_cm\_08\_23

**Output Unit:** VIEWS Country-Month, i.e., data is predicted per country and month.

**Description:**

A global dataset containing the Violence and Impacts Early-Warning System predictions for state-based conflict per country and month over a rolling three-year forecasting window. The month and year listed in the dataset name refer to the last month of input data informing the predictions. The forecasts are provided as point predictions for the number of people that will be killed per country and month (expressed in both logged and non-logged form), as well as in the form of dichotomous predictions for the probability that at least 25 battle-related deaths will be reached or exceeded in any country-month).

**Dataset citation:**

Hegre, H. et al. (2022) 'Forecasting fatalities', Uppsala University, Technical report. URN: urn:nbn:se:uu:diva-476476.

Hegre, H. et al. (2021) 'ViEWS2020: Revising and evaluating the ViEWS political Violence Early-Warning System', *Journal of Peace Research*, 58(3), pp. 599–611. doi:10.1177/0022343320962157.

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**Unit Notes:** The unit of this dataset is a country and a month. This means that each row in the dataset can be identified through a combination of the variables `country_id` and `month_id`.

Rows in the dataset can also be identified through a combination of `month_id` and `isoab`, `gwcode` or `name`.

### 5.95.1 VIEWS Country-Month Unit

**Translation Path:** VIEWS Country-Month (Primary Output Unit)

VIEWS Country-Month is the primary unit.

## 5.96 VIEWS Country-Month Conflict Predictions (Last Input Data: September 2022)

**Dataset tag:** views\_cm\_09\_22

**Output Unit:** VIEWS Country-Month, i.e., data is predicted per country and month.

**Description:**

A global dataset containing the Violence Impacts Early-Warning System predictions for state-based conflict over a rolling three-year forecasting window. The month and year listed in the dataset name refer to the last month of input data informing the predictions. The forecasts are provided as point predictions for the number of people killed per country and month (expressed in natural logged form plus 1, i.e.  $\ln(\text{fatalities}+1)$ ).

**Dataset citation:**

Hegre, H. et al. (2022) 'Forecasting fatalities', Uppsala University, Technical report. URN: urn:nbn:se:uu:diva-476476.

Hegre, H. et al. (2021) 'ViEWS2020: Revising and evaluating the ViEWS political Violence Early-Warning System', *Journal of Peace Research*, 58(3), pp. 599–611. doi:10.1177/0022343320962157.

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More detailed information on the dataset can be found at the following web page: <https://viewsforecasting.org/resources/#downloads> and <https://viewsforecasting.org/methodology/definitions/>

**Unit Notes:** The unit of this dataset is a country and a month. This means that each row in the dataset can be identified through a combination of the variables country\_id and month\_id.

Rows in the dataset can also be identified through a combination of month\_id and isoab, gwcode or name.

### 5.96.1 VIEWS Country-Month Unit

**Translation Path: VIEWS Country-Month (Primary Output Unit)**

VIEWS Country-Month is the primary unit.

## 5.97 VIEWS Country-Month Conflict Predictions (Last Input Data: October 2022)

**Dataset tag:** views\_cm\_10\_22

**Output Unit:** VIEWS Country-Month, i.e., data is predicted per country and month.

**Description:**

A global dataset containing the Violence Impacts Early-Warning System predictions for state-based conflict over a rolling three-year forecasting window. The month and year listed in the dataset name refer to the last month of input data informing the predictions. The forecasts are provided as point predictions for the number of people killed per country and month (expressed in natural logged form plus 1, i.e.  $\ln(\text{fatalities}+1)$ ).

**Dataset citation:**

Hegre, H. et al. (2022) 'Forecasting fatalities', Uppsala University, Technical report. URN: urn:nbn:se:uu:diva-476476.

Hegre, H. et al. (2021) 'ViEWS2020: Revising and evaluating the ViEWS political Violence Early-Warning System', *Journal of Peace Research*, 58(3), pp. 599–611. doi:10.1177/0022343320962157.

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**Unit Notes:** The unit of this dataset is a country and a month. This means that each row in the dataset can be identified through a combination of the variables country\_id and month\_id.

Rows in the dataset can also be identified through a combination of month\_id and isoab, gwcode or name.

### 5.97.1 VIEWS Country-Month Unit

**Translation Path: VIEWS Country-Month (Primary Output Unit)**

VIEWS Country-Month is the primary unit.

## 5.98 VIEWS Country-Month Conflict Predictions (Last Input Data: November 2022)

**Dataset tag:** views\_cm\_11\_22

**Output Unit:** VIEWS Country-Month, i.e., data is predicted per country and month.

**Description:**

A global dataset containing the Violence Impacts Early-Warning System predictions for state-based conflict over a rolling three-year forecasting window. The month and year listed in the dataset name refer to the last month of input data informing the predictions. The forecasts are provided as point predictions for the number of people killed per country and month (expressed in natural logged form plus 1, i.e.  $\ln(\text{fatalities}+1)$ ).

**Dataset citation:**

Hegre, H. et al. (2022) 'Forecasting fatalities', Uppsala University, Technical report. URN: urn:nbn:se:uu:diva-476476.

Hegre, H. et al. (2021) 'ViEWS2020: Revising and evaluating the ViEWS political Violence Early-Warning System', *Journal of Peace Research*, 58(3), pp. 599–611. doi:10.1177/0022343320962157.

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More detailed information on the dataset can be found at the following web page: <https://viewsforecasting.org/resources/#downloads> and <https://viewsforecasting.org/methodology/definitions/>

**Unit Notes:** The unit of this dataset is a country and a month. This means that each row in the dataset can be identified through a combination of the variables country\_id and month\_id.

Rows in the dataset can also be identified through a combination of month\_id and isoab, gwcode or name.

### 5.98.1 VIEWS Country-Month Unit

**Translation Path: VIEWS Country-Month (Primary Output Unit)**

VIEWS Country-Month is the primary unit.

## 5.99 VIEWS Country-Month Conflict Predictions (Last Input Data: December 2022)

**Dataset tag:** views\_cm\_12\_22

**Output Unit:** VIEWS Country-Month, i.e., data is predicted per country and month.

**Description:**

A global dataset containing the Violence Impacts Early-Warning System predictions for state-based conflict over a rolling three-year forecasting window. The month and year listed in the dataset name refer to the last month of input data informing the predictions. The forecasts are provided as point predictions for the number of people killed per country and month (expressed in natural logged form plus 1, i.e.  $\ln(\text{fatalities}+1)$ ).

**Dataset citation:**

Hegre, H. et al. (2022) 'Forecasting fatalities', Uppsala University, Technical report. URN: urn:nbn:se:uu:diva-476476.

Hegre, H. et al. (2021) 'ViEWS2020: Revising and evaluating the ViEWS political Violence Early-Warning System', *Journal of Peace Research*, 58(3), pp. 599–611. doi:10.1177/0022343320962157.

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**Unit Notes:** The unit of this dataset is a country and a month. This means that each row in the dataset can be identified through a combination of the variables country\_id and month\_id.

Rows in the dataset can also be identified through a combination of month\_id and isoab, gwcode or name.

### 5.99.1 VIEWS Country-Month Unit

**Translation Path: VIEWS Country-Month (Primary Output Unit)**

VIEWS Country-Month is the primary unit.

## 5.100 VIEWS PRIO-GRID-Month Conflict Predictions (Last Input Data: January 2022)

**Dataset tag:** views\_pgm\_01\_22

**Output Unit:** VIEWS PRIO-GRID Cell-Month, i.e., data is predicted per PRIO-GRID cell and month.

**Description:**

A dataset containing the Violence and Impacts Early-Warning System predictions for state-based conflict in Africa and the Middle East over a rolling three-year forecasting window. The month and year listed in the dataset name refer to the last month of input data informing the predictions. The forecasts are provided as point predictions for the number of people killed per PRIO-GRID cell and month (expressed in natural logged form plus 1, i.e.  $\ln(\text{fatalities}+1)$ ). Each grid cell in the dataset measures 0.5x0.5 decimal degrees, or approximately 55x55 km at the Equator.

**Dataset citation:**

Hegre, H. et al. (2022) 'Forecasting fatalities', Uppsala University, Technical report. URN: urn:nbn:se:uu:diva-476476.

Hegre, H. et al. (2021) 'ViEWS2020: Revising and evaluating the ViEWS political Violence Early-Warning System', *Journal of Peace Research*, 58(3), pp. 599–611. doi:10.1177/0022343320962157.

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More detailed information on the dataset can be found at the following web page: <https://viewsforecasting.org/resources/#downloads> and <https://viewsforecasting.org/methodology/definitions/>

**Unit Notes:** The unit of this dataset is a prio-grid cell and a month. This means that each row in the dataset can be identified through a combination of the variables pg\_id and month\_id.

### 5.100.1 VIEWS PRIO-GRID Cell-Month Unit

**Translation Path:** VIEWS PRIO-GRID Cell-Month (Primary Output Unit)

VIEWS PRIO-GRID Cell-Month is the primary unit.

## 5.101 VIEWS PRIO-GRID-Month Conflict Predictions (Last Input Data: January 2023)

**Dataset tag:** views\_pgm\_01\_23

**Output Unit:** VIEWS PRIO-GRID Cell-Month, i.e., data is predicted per PRIO-GRID cell and month.

**Description:**

A dataset containing the Violence and Impacts Early-Warning System predictions for state-based conflict in Africa and the Middle East over a rolling three-year forecasting window. The month and year listed in the dataset name refer to the last month of input data informing the predictions. The forecasts are provided as point predictions for the number of people killed per PRIO-GRID cell and month (expressed in natural logged form plus 1, i.e.  $\ln(\text{fatalities}+1)$ ). Each grid cell in the dataset measures 0.5x0.5 decimal degrees, or approximately 55x55 km at the Equator.

**Dataset citation:**

Hegre, H. et al. (2022) 'Forecasting fatalities', Uppsala University, Technical report. URN: urn:nbn:se:uu:diva-476476.

Hegre, H. et al. (2021) 'ViEWS2020: Revising and evaluating the ViEWS political Violence Early-Warning System', *Journal of Peace Research*, 58(3), pp. 599–611. doi:10.1177/0022343320962157.

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More detailed information on the dataset can be found at the following web page: <https://viewsforecasting.org/resources/#downloads> and <https://viewsforecasting.org/methodology/definitions/>

**Unit Notes:** The unit of this dataset is a prio-grid cell and a month. This means that each row in the dataset can be identified through a combination of the variables pg\_id and month\_id.

### 5.101.1 VIEWS PRIO-GRID Cell-Month Unit

**Translation Path:** VIEWS PRIO-GRID Cell-Month (Primary Output Unit)

VIEWS PRIO-GRID Cell-Month is the primary unit.

## 5.102 VIEWS PRIO-GRID-Month Conflict Predictions (Last Input Data: February 2022)

**Dataset tag:** views\_pgm\_02\_22

**Output Unit:** VIEWS PRIO-GRID Cell-Month, i.e., data is predicted per PRIO-GRID cell and month.

**Description:**

A dataset containing the Violence and Impacts Early-Warning System predictions for state-based conflict in Africa and the Middle East over a rolling three-year forecasting window. The month and year listed in the dataset name refer to the last month of input data informing the predictions. The forecasts are provided as point predictions for the number of people killed per PRIO-GRID cell and month (expressed in natural logged form plus 1, i.e.  $\ln(\text{fatalities}+1)$ ). Each grid cell in the dataset measures 0.5x0.5 decimal degrees, or approximately 55x55 km at the Equator.

**Dataset citation:**

Hegre, H. et al. (2022) 'Forecasting fatalities', Uppsala University, Technical report. URN: urn:nbn:se:uu:diva-476476.

Hegre, H. et al. (2021) 'ViEWS2020: Revising and evaluating the ViEWS political Violence Early-Warning System', *Journal of Peace Research*, 58(3), pp. 599–611. doi:10.1177/0022343320962157.

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More detailed information on the dataset can be found at the following web page: <https://viewsforecasting.org/resources/#downloads> and <https://viewsforecasting.org/methodology/definitions/>

**Unit Notes:** The unit of this dataset is a prio-grid cell and a month. This means that each row in the dataset can be identified through a combination of the variables pg\_id and month\_id.

### 5.102.1 VIEWS PRIO-GRID Cell-Month Unit

**Translation Path:** VIEWS PRIO-GRID Cell-Month (Primary Output Unit)

VIEWS PRIO-GRID Cell-Month is the primary unit.



## 5.103 VIEWS PRIO-GRID-Month Conflict Predictions (Last Input Data: February 2023)

**Dataset tag:** views\_pgm\_02\_23

**Output Unit:** VIEWS PRIO-GRID Cell-Month, i.e., data is predicted per PRIO-GRID cell and month.

**Description:**

A dataset containing the Violence and Impacts Early-Warning System predictions for state-based conflict in Africa and the Middle East over a rolling three-year forecasting window. The month and year listed in the dataset name refer to the last month of input data informing the predictions. The forecasts are provided as point predictions for the number of people killed per PRIO-GRID cell and month (expressed in natural logged form plus 1, i.e.  $\ln(\text{fatalities}+1)$ ). Each grid cell in the dataset measures 0.5x0.5 decimal degrees, or approximately 55x55 km at the Equator.

**Dataset citation:**

Hegre, H. et al. (2022) 'Forecasting fatalities', Uppsala University, Technical report. URN: urn:nbn:se:uu:diva-476476.

Hegre, H. et al. (2021) 'ViEWS2020: Revising and evaluating the ViEWS political Violence Early-Warning System', *Journal of Peace Research*, 58(3), pp. 599–611. doi:10.1177/0022343320962157.

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**Unit Notes:** The unit of this dataset is a prio-grid cell and a month. This means that each row in the dataset can be identified through a combination of the variables pg\_id and month\_id.

### 5.103.1 VIEWS PRIO-GRID Cell-Month Unit

**Translation Path:** VIEWS PRIO-GRID Cell-Month (Primary Output Unit)

VIEWS PRIO-GRID Cell-Month is the primary unit.

## 5.104 VIEWS PRIO-GRID-Month Conflict Predictions (Last Input Data: March 2022)

**Dataset tag:** views\_pgm\_03\_22

**Output Unit:** VIEWS PRIO-GRID Cell-Month, i.e., data is predicted per PRIO-GRID cell and month.

**Description:**

A dataset containing the Violence and Impacts Early-Warning System predictions for state-based conflict in Africa and the Middle East over a rolling three-year forecasting window. The month and year listed in the dataset name refer to the last month of input data informing the predictions. The forecasts are provided as point predictions for the number of people killed per PRIO-GRID cell and month (expressed in natural logged form plus 1, i.e.  $\ln(\text{fatalities}+1)$ ). Each grid cell in the dataset measures 0.5x0.5 decimal degrees, or approximately 55x55 km at the Equator.

**Dataset citation:**

Hegre, H. et al. (2022) 'Forecasting fatalities', Uppsala University, Technical report. URN: urn:nbn:se:uu:diva-476476.

Hegre, H. et al. (2021) 'ViEWS2020: Revising and evaluating the ViEWS political Violence Early-Warning System', *Journal of Peace Research*, 58(3), pp. 599–611. doi:10.1177/0022343320962157.

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More detailed information on the dataset can be found at the following web page: <https://viewsforecasting.org/resources/#downloads> and <https://viewsforecasting.org/methodology/definitions/>

**Unit Notes:** The unit of this dataset is a prio-grid cell and a month. This means that each row in the dataset can be identified through a combination of the variables pg\_id and month\_id.

### 5.104.1 VIEWS PRIO-GRID Cell-Month Unit

**Translation Path:** VIEWS PRIO-GRID Cell-Month (Primary Output Unit)

VIEWS PRIO-GRID Cell-Month is the primary unit.

## 5.105 VIEWS PRIO-GRID-Month Conflict Predictions (Last Input Data: March 2023)

**Dataset tag:** views\_pgm\_03\_23

**Output Unit:** VIEWS PRIO-GRID Cell-Month, i.e., data is predicted per PRIO-GRID cell and month.

**Description:**

A dataset containing the Violence and Impacts Early-Warning System predictions for state-based conflict in Africa and the Middle East over a rolling three-year forecasting window. The month and year listed in the dataset name refer to the last month of input data informing the predictions. The forecasts are provided as point predictions for the number of people killed per PRIO-GRID cell and month (expressed in natural logged form plus 1, i.e.  $\ln(\text{fatalities}+1)$ ). Each grid cell in the dataset measures 0.5x0.5 decimal degrees, or approximately 55x55 km at the Equator.

**Dataset citation:**

Hegre, H. et al. (2022) 'Forecasting fatalities', Uppsala University, Technical report. URN: urn:nbn:se:uu:diva-476476.

Hegre, H. et al. (2021) 'ViEWS2020: Revising and evaluating the ViEWS political Violence Early-Warning System', *Journal of Peace Research*, 58(3), pp. 599–611. doi:10.1177/0022343320962157.

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More detailed information on the dataset can be found at the following web page: <https://viewsforecasting.org/resources/#downloads> and <https://viewsforecasting.org/methodology/definitions/>

**Unit Notes:** The unit of this dataset is a prio-grid cell and a month. This means that each row in the dataset can be identified through a combination of the variables pg\_id and month\_id.

### 5.105.1 VIEWS PRIO-GRID Cell-Month Unit

**Translation Path:** VIEWS PRIO-GRID Cell-Month (Primary Output Unit)

VIEWS PRIO-GRID Cell-Month is the primary unit.

## 5.106 VIEWS PRIO-GRID-Month Conflict Predictions (Last Input Data: April 2022)

**Dataset tag:** views\_pgm\_04\_22

**Output Unit:** VIEWS PRIO-GRID Cell-Month, i.e., data is predicted per PRIO-GRID cell and month.

**Description:**

A dataset containing the Violence and Impacts Early-Warning System predictions for state-based conflict in Africa and the Middle East over a rolling three-year forecasting window. The month and year listed in the dataset name refer to the last month of input data informing the predictions. The forecasts are provided as point predictions for the number of people killed per PRIO-GRID cell and month (expressed in natural logged form plus 1, i.e.  $\ln(\text{fatalities}+1)$ ). Each grid cell in the dataset measures 0.5x0.5 decimal degrees, or approximately 55x55 km at the Equator.

**Dataset citation:**

Hegre, H. et al. (2022) 'Forecasting fatalities', Uppsala University, Technical report. URN: urn:nbn:se:uu:diva-476476.

Hegre, H. et al. (2021) 'ViEWS2020: Revising and evaluating the ViEWS political Violence Early-Warning System', *Journal of Peace Research*, 58(3), pp. 599–611. doi:10.1177/0022343320962157.

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More detailed information on the dataset can be found at the following web page: <https://viewsforecasting.org/resources/#downloads> and <https://viewsforecasting.org/methodology/definitions/>

**Unit Notes:** The unit of this dataset is a prio-grid cell and a month. This means that each row in the dataset can be identified through a combination of the variables pg\_id and month\_id.

### 5.106.1 VIEWS PRIO-GRID Cell-Month Unit

**Translation Path:** VIEWS PRIO-GRID Cell-Month (Primary Output Unit)

VIEWS PRIO-GRID Cell-Month is the primary unit.

## 5.107 VIEWS PRIO-GRID-Month Conflict Predictions (Last Input Data: April 2023)

**Dataset tag:** views\_pgm\_04\_23

**Output Unit:** VIEWS PRIO-GRID Cell-Month, i.e., data is predicted per PRIO-GRID cell and month.

**Description:**

A dataset containing the Violence and Impacts Early-Warning System predictions for state-based conflict in Africa and the Middle East over a rolling three-year forecasting window. The month and year listed in the dataset name refer to the last month of input data informing the predictions. The forecasts are provided as point predictions for the number of people that will be killed per PRIO-GRID cell and month (expressed in both logged and non-logged form), as well as in the form of dichotomous predictions for the probability that at least one battle-related death will be reached or exceeded in any PRIO-GRID-month. Each grid cell in the dataset measures 0.5x0.5 decimal degrees, or approximately 55x55 km at the Equator.

**Dataset citation:**

Hegre, H. et al. (2022) 'Forecasting fatalities', Uppsala University, Technical report. URN: urn:nbn:se:uu:diva-476476.

Hegre, H. et al. (2021) 'ViEWS2020: Revising and evaluating the ViEWS political Violence Early-Warning System', *Journal of Peace Research*, 58(3), pp. 599–611. doi:10.1177/0022343320962157.

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More detailed information on the dataset can be found at the following web page: <https://viewsforecasting.org/resources/#downloads> and <https://viewsforecasting.org/methodology/definitions/>

**Unit Notes:** The unit of this dataset is a prio-grid cell and a month. This means that each row in the dataset can be identified through a combination of the variables pg\_id and month\_id.

### 5.107.1 VIEWS PRIO-GRID Cell-Month Unit

**Translation Path:** VIEWS PRIO-GRID Cell-Month (Primary Output Unit)

VIEWS PRIO-GRID Cell-Month is the primary unit.

## 5.108 VIEWS PRIO-GRID-Month Conflict Predictions (Last Input Data: May 2022)

**Dataset tag:** views\_pgm\_05\_22

**Output Unit:** VIEWS PRIO-GRID Cell-Month, i.e., data is predicted per PRIO-GRID cell and month.

**Description:**

A dataset containing the Violence and Impacts Early-Warning System predictions for state-based conflict in Africa and the Middle East over a rolling three-year forecasting window. The month and year listed in the dataset name refer to the last month of input data informing the predictions. The forecasts are provided as point predictions for the number of people killed per PRIO-GRID cell and month (expressed in natural logged form plus 1, i.e.  $\ln(\text{fatalities}+1)$ ). Each grid cell in the dataset measures 0.5x0.5 decimal degrees, or approximately 55x55 km at the Equator.

**Dataset citation:**

Hegre, H. et al. (2022) 'Forecasting fatalities', Uppsala University, Technical report. URN: urn:nbn:se:uu:diva-476476.

Hegre, H. et al. (2021) 'ViEWS2020: Revising and evaluating the ViEWS political Violence Early-Warning System', *Journal of Peace Research*, 58(3), pp. 599–611. doi:10.1177/0022343320962157.

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**Unit Notes:** The unit of this dataset is a prio-grid cell and a month. This means that each row in the dataset can be identified through a combination of the variables pg\_id and month\_id.

### 5.108.1 VIEWS PRIO-GRID Cell-Month Unit

**Translation Path:** VIEWS PRIO-GRID Cell-Month (Primary Output Unit)

VIEWS PRIO-GRID Cell-Month is the primary unit.

## 5.109 VIEWS PRIO-GRID-Month Conflict Predictions (Last Input Data: May 2023)

**Dataset tag:** views\_pgm\_05\_23

**Output Unit:** VIEWS PRIO-GRID Cell-Month, i.e., data is predicted per PRIO-GRID cell and month.

**Description:**

A dataset containing the Violence and Impacts Early-Warning System predictions for state-based conflict in Africa and the Middle East over a rolling three-year forecasting window. The month and year listed in the dataset name refer to the last month of input data informing the predictions. The forecasts are provided as point predictions for the number of people that will be killed per PRIO-GRID cell and month (expressed in both logged and non-logged form), as well as in the form of dichotomous predictions for the probability that at least one battle-related death will be reached or exceeded in any PRIO-GRID-month. Each grid cell in the dataset measures 0.5x0.5 decimal degrees, or approximately 55x55 km at the Equator.

**Dataset citation:**

Hegre, H. et al. (2022) 'Forecasting fatalities', Uppsala University, Technical report. URN: urn:nbn:se:uu:diva-476476.

Hegre, H. et al. (2021) 'ViEWS2020: Revising and evaluating the ViEWS political Violence Early-Warning System', *Journal of Peace Research*, 58(3), pp. 599–611. doi:10.1177/0022343320962157.

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More detailed information on the dataset can be found at the following web page: <https://viewsforecasting.org/resources/#downloads> and <https://viewsforecasting.org/methodology/definitions/>

**Unit Notes:** The unit of this dataset is a prio-grid cell and a month. This means that each row in the dataset can be identified through a combination of the variables pg\_id and month\_id.

### 5.109.1 VIEWS PRIO-GRID Cell-Month Unit

**Translation Path:** VIEWS PRIO-GRID Cell-Month (Primary Output Unit)

VIEWS PRIO-GRID Cell-Month is the primary unit.

## 5.110 VIEWS PRIO-GRID-Month Conflict Predictions (Last Input Data: June 2022)

**Dataset tag:** views\_pgm\_06\_22

**Output Unit:** VIEWS PRIO-GRID Cell-Month, i.e., data is predicted per PRIO-GRID cell and month.

**Description:**

A dataset containing the Violence and Impacts Early-Warning System predictions for state-based conflict in Africa and the Middle East over a rolling three-year forecasting window. The month and year listed in the dataset name refer to the last month of input data informing the predictions. The forecasts are provided as point predictions for the number of people killed per PRIO-GRID cell and month (expressed in natural logged form plus 1, i.e.  $\ln(\text{fatalities}+1)$ ). Each grid cell in the dataset measures 0.5x0.5 decimal degrees, or approximately 55x55 km at the Equator.

**Dataset citation:**

Hegre, H. et al. (2022) 'Forecasting fatalities', Uppsala University, Technical report. URN: urn:nbn:se:uu:diva-476476.

Hegre, H. et al. (2021) 'ViEWS2020: Revising and evaluating the ViEWS political Violence Early-Warning System', *Journal of Peace Research*, 58(3), pp. 599–611. doi:10.1177/0022343320962157.

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More detailed information on the dataset can be found at the following web page: <https://viewsforecasting.org/resources/#downloads> and <https://viewsforecasting.org/methodology/definitions/>

**Unit Notes:** The unit of this dataset is a prio-grid cell and a month. This means that each row in the dataset can be identified through a combination of the variables pg\_id and month\_id.

### 5.110.1 VIEWS PRIO-GRID Cell-Month Unit

**Translation Path:** VIEWS PRIO-GRID Cell-Month (Primary Output Unit)

VIEWS PRIO-GRID Cell-Month is the primary unit.



## 5.111 VIEWS PRIO-GRID-Month Conflict Predictions (Last Input Data: June 2023)

**Dataset tag:** views\_pgm\_06\_23

**Output Unit:** VIEWS PRIO-GRID Cell-Month, i.e., data is predicted per PRIO-GRID cell and month.

**Description:**

A dataset containing the Violence and Impacts Early-Warning System predictions for state-based conflict in Africa and the Middle East over a rolling three-year forecasting window. The month and year listed in the dataset name refer to the last month of input data informing the predictions. The forecasts are provided as point predictions for the number of people that will be killed per PRIO-GRID cell and month (expressed in both logged and non-logged form), as well as in the form of dichotomous predictions for the probability that at least one battle-related death will be reached or exceeded in any PRIO-GRID-month. Each grid cell in the dataset measures 0.5x0.5 decimal degrees, or approximately 55x55 km at the Equator.

**Dataset citation:**

Hegre, H. et al. (2022) 'Forecasting fatalities', Uppsala University, Technical report. URN: urn:nbn:se:uu:diva-476476.

Hegre, H. et al. (2021) 'ViEWS2020: Revising and evaluating the ViEWS political Violence Early-Warning System', *Journal of Peace Research*, 58(3), pp. 599–611. doi:10.1177/0022343320962157.

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More detailed information on the dataset can be found at the following web page: <https://viewsforecasting.org/resources/#downloads> and <https://viewsforecasting.org/methodology/definitions/>

**Unit Notes:** The unit of this dataset is a prio-grid cell and a month. This means that each row in the dataset can be identified through a combination of the variables pg\_id and month\_id.

### 5.111.1 VIEWS PRIO-GRID Cell-Month Unit

**Translation Path:** VIEWS PRIO-GRID Cell-Month (Primary Output Unit)

VIEWS PRIO-GRID Cell-Month is the primary unit.

## 5.112 VIEWS PRIO-GRID-Month Conflict Predictions (Last Input Data: July 2022)

**Dataset tag:** views\_pgm\_07\_22

**Output Unit:** VIEWS PRIO-GRID Cell-Month, i.e., data is predicted per PRIO-GRID cell and month.

**Description:**

A dataset containing the Violence and Impacts Early-Warning System predictions for state-based conflict in Africa and the Middle East over a rolling three-year forecasting window. The month and year listed in the dataset name refer to the last month of input data informing the predictions. The forecasts are provided as point predictions for the number of people killed per PRIO-GRID cell and month (expressed in natural logged form plus 1, i.e.  $\ln(\text{fatalities}+1)$ ). Each grid cell in the dataset measures 0.5x0.5 decimal degrees, or approximately 55x55 km at the Equator.

**Dataset citation:**

Hegre, H. et al. (2022) 'Forecasting fatalities', Uppsala University, Technical report. URN: urn:nbn:se:uu:diva-476476.

Hegre, H. et al. (2021) 'ViEWS2020: Revising and evaluating the ViEWS political Violence Early-Warning System', *Journal of Peace Research*, 58(3), pp. 599–611. doi:10.1177/0022343320962157.

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More detailed information on the dataset can be found at the following web page: <https://viewsforecasting.org/resources/#downloads> and <https://viewsforecasting.org/methodology/definitions/>

**Unit Notes:** The unit of this dataset is a prio-grid cell and a month. This means that each row in the dataset can be identified through a combination of the variables pg\_id and month\_id.

### 5.112.1 VIEWS PRIO-GRID Cell-Month Unit

**Translation Path:** VIEWS PRIO-GRID Cell-Month (Primary Output Unit)

VIEWS PRIO-GRID Cell-Month is the primary unit.

## 5.113 VIEWS PRIO-GRID-Month Conflict Predictions (Last Input Data: July 2023)

**Dataset tag:** views\_pgm\_07\_23

**Output Unit:** VIEWS PRIO-GRID Cell-Month, i.e., data is predicted per PRIO-GRID cell and month.

**Description:**

A dataset containing the Violence and Impacts Early-Warning System predictions for state-based conflict in Africa and the Middle East over a rolling three-year forecasting window. The month and year listed in the dataset name refer to the last month of input data informing the predictions. The forecasts are provided as point predictions for the number of people that will be killed per PRIO-GRID cell and month (expressed in both logged and non-logged form), as well as in the form of dichotomous predictions for the probability that at least one battle-related death will be reached or exceeded in any PRIO-GRID-month. Each grid cell in the dataset measures 0.5x0.5 decimal degrees, or approximately 55x55 km at the Equator.

**Dataset citation:**

Hegre, H. et al. (2022) 'Forecasting fatalities', Uppsala University, Technical report. URN: urn:nbn:se:uu:diva-476476.

Hegre, H. et al. (2021) 'ViEWS2020: Revising and evaluating the ViEWS political Violence Early-Warning System', *Journal of Peace Research*, 58(3), pp. 599–611. doi:10.1177/0022343320962157.

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More detailed information on the dataset can be found at the following web page: <https://viewsforecasting.org/resources/#downloads> and <https://viewsforecasting.org/methodology/definitions/>

**Unit Notes:** The unit of this dataset is a prio-grid cell and a month. This means that each row in the dataset can be identified through a combination of the variables pg\_id and month\_id.

### 5.113.1 VIEWS PRIO-GRID Cell-Month Unit

**Translation Path:** VIEWS PRIO-GRID Cell-Month (Primary Output Unit)

VIEWS PRIO-GRID Cell-Month is the primary unit.

## 5.114 VIEWS PRIO-GRID-Month Conflict Predictions (Last Input Data: August 2022)

**Dataset tag:** views\_pgm\_08\_22

**Output Unit:** VIEWS PRIO-GRID Cell-Month, i.e., data is predicted per PRIO-GRID cell and month.

**Description:**

A dataset containing the Violence and Impacts Early-Warning System predictions for state-based conflict in Africa and the Middle East over a rolling three-year forecasting window. The month and year listed in the dataset name refer to the last month of input data informing the predictions. The forecasts are provided as point predictions for the number of people killed per PRIO-GRID cell and month (expressed in natural logged form plus 1, i.e.  $\ln(\text{fatalities}+1)$ ). Each grid cell in the dataset measures 0.5x0.5 decimal degrees, or approximately 55x55 km at the Equator.

**Dataset citation:**

Hegre, H. et al. (2022) 'Forecasting fatalities', Uppsala University, Technical report. URN: urn:nbn:se:uu:diva-476476.

Hegre, H. et al. (2021) 'ViEWS2020: Revising and evaluating the ViEWS political Violence Early-Warning System', *Journal of Peace Research*, 58(3), pp. 599–611. doi:10.1177/0022343320962157.

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More detailed information on the dataset can be found at the following web page: <https://viewsforecasting.org/resources/#downloads> and <https://viewsforecasting.org/methodology/definitions/>

**Unit Notes:** The unit of this dataset is a prio-grid cell and a month. This means that each row in the dataset can be identified through a combination of the variables pg\_id and month\_id.

### 5.114.1 VIEWS PRIO-GRID Cell-Month Unit

**Translation Path:** VIEWS PRIO-GRID Cell-Month (Primary Output Unit)

VIEWS PRIO-GRID Cell-Month is the primary unit.

## 5.115 VIEWS PRIO-GRID-Month Conflict Predictions (Last Input Data: August 2023)

**Dataset tag:** views\_pgm\_08\_23

**Output Unit:** VIEWS PRIO-GRID Cell-Month, i.e., data is predicted per PRIO-GRID cell and month.

**Description:**

A dataset containing the Violence and Impacts Early-Warning System predictions for state-based conflict in Africa and the Middle East over a rolling three-year forecasting window. The month and year listed in the dataset name refer to the last month of input data informing the predictions. The forecasts are provided as point predictions for the number of people that will be killed per PRIO-GRID cell and month (expressed in both logged and non-logged form), as well as in the form of dichotomous predictions for the probability that at least one battle-related death will be reached or exceeded in any PRIO-GRID-month. Each grid cell in the dataset measures 0.5x0.5 decimal degrees, or approximately 55x55 km at the Equator.

**Dataset citation:**

Hegre, H. et al. (2022) 'Forecasting fatalities', Uppsala University, Technical report. URN: urn:nbn:se:uu:diva-476476.

Hegre, H. et al. (2021) 'ViEWS2020: Revising and evaluating the ViEWS political Violence Early-Warning System', *Journal of Peace Research*, 58(3), pp. 599–611. doi:10.1177/0022343320962157.

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More detailed information on the dataset can be found at the following web page: <https://viewsforecasting.org/resources/#downloads> and <https://viewsforecasting.org/methodology/definitions/>

**Unit Notes:** The unit of this dataset is a prio-grid cell and a month. This means that each row in the dataset can be identified through a combination of the variables pg\_id and month\_id.

### 5.115.1 VIEWS PRIO-GRID Cell-Month Unit

**Translation Path:** VIEWS PRIO-GRID Cell-Month (Primary Output Unit)

VIEWS PRIO-GRID Cell-Month is the primary unit.

## 5.116 VIEWS PRIO-GRID-Month Conflict Predictions (Last Input Data: September 2022)

**Dataset tag:** views\_pgm\_09\_22

**Output Unit:** VIEWS PRIO-GRID Cell-Month, i.e., data is predicted per PRIO-GRID cell and month.

**Description:**

A dataset containing the Violence and Impacts Early-Warning System predictions for state-based conflict in Africa and the Middle East over a rolling three-year forecasting window. The month and year listed in the dataset name refer to the last month of input data informing the predictions. The forecasts are provided as point predictions for the number of people killed per PRIO-GRID cell and month (expressed in natural logged form plus 1, i.e.  $\ln(\text{fatalities}+1)$ ). Each grid cell in the dataset measures 0.5x0.5 decimal degrees, or approximately 55x55 km at the Equator.

**Dataset citation:**

Hegre, H. et al. (2022) 'Forecasting fatalities', Uppsala University, Technical report. URN: urn:nbn:se:uu:diva-476476.

Hegre, H. et al. (2021) 'ViEWS2020: Revising and evaluating the ViEWS political Violence Early-Warning System', *Journal of Peace Research*, 58(3), pp. 599–611. doi:10.1177/0022343320962157.

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More detailed information on the dataset can be found at the following web page: <https://viewsforecasting.org/resources/#downloads> and <https://viewsforecasting.org/methodology/definitions/>

**Unit Notes:** The unit of this dataset is a prio-grid cell and a month. This means that each row in the dataset can be identified through a combination of the variables pg\_id and month\_id.

### 5.116.1 VIEWS PRIO-GRID Cell-Month Unit

**Translation Path:** VIEWS PRIO-GRID Cell-Month (Primary Output Unit)

VIEWS PRIO-GRID Cell-Month is the primary unit.

## 5.117 VIEWS PRIO-GRID-Month Conflict Predictions (Last Input Data: October 2022)

**Dataset tag:** views\_pgm\_10\_22

**Output Unit:** VIEWS PRIO-GRID Cell-Month, i.e., data is predicted per PRIO-GRID cell and month.

**Description:**

A dataset containing the Violence and Impacts Early-Warning System predictions for state-based conflict in Africa and the Middle East over a rolling three-year forecasting window. The month and year listed in the dataset name refer to the last month of input data informing the predictions. The forecasts are provided as point predictions for the number of people killed per PRIO-GRID cell and month (expressed in natural logged form plus 1, i.e.  $\ln(\text{fatalities}+1)$ ). Each grid cell in the dataset measures 0.5x0.5 decimal degrees, or approximately 55x55 km at the Equator.

**Dataset citation:**

Hegre, H. et al. (2022) 'Forecasting fatalities', Uppsala University, Technical report. URN: urn:nbn:se:uu:diva-476476.

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More detailed information on the dataset can be found at the following web page: <https://viewsforecasting.org/resources/#downloads> and <https://viewsforecasting.org/methodology/definitions/>

**Unit Notes:** The unit of this dataset is a prio-grid cell and a month. This means that each row in the dataset can be identified through a combination of the variables pg\_id and month\_id.

### 5.117.1 VIEWS PRIO-GRID Cell-Month Unit

**Translation Path:** VIEWS PRIO-GRID Cell-Month (Primary Output Unit)

VIEWS PRIO-GRID Cell-Month is the primary unit.

## 5.118 VIEWS PRIO-GRID-Month Conflict Predictions (Last Input Data: November 2022)

**Dataset tag:** views\_pgm\_11\_22

**Output Unit:** VIEWS PRIO-GRID Cell-Month, i.e., data is predicted per PRIO-GRID cell and month.

**Description:**

A dataset containing the Violence and Impacts Early-Warning System predictions for state-based conflict in Africa and the Middle East over a rolling three-year forecasting window. The month and year listed in the dataset name refer to the last month of input data informing the predictions. The forecasts are provided as point predictions for the number of people killed per PRIO-GRID cell and month (expressed in natural logged form plus 1, i.e.  $\ln(\text{fatalities}+1)$ ). Each grid cell in the dataset measures 0.5x0.5 decimal degrees, or approximately 55x55 km at the Equator.

**Dataset citation:**

Hegre, H. et al. (2022) 'Forecasting fatalities', Uppsala University, Technical report. URN: urn:nbn:se:uu:diva-476476.

Hegre, H. et al. (2021) 'ViEWS2020: Revising and evaluating the ViEWS political Violence Early-Warning System', *Journal of Peace Research*, 58(3), pp. 599–611. doi:10.1177/0022343320962157.

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More detailed information on the dataset can be found at the following web page: <https://viewsforecasting.org/resources/#downloads> and <https://viewsforecasting.org/methodology/definitions/>

**Unit Notes:** The unit of this dataset is a prio-grid cell and a month. This means that each row in the dataset can be identified through a combination of the variables pg\_id and month\_id.

### 5.118.1 VIEWS PRIO-GRID Cell-Month Unit

**Translation Path:** VIEWS PRIO-GRID Cell-Month (Primary Output Unit)

VIEWS PRIO-GRID Cell-Month is the primary unit.



## 5.119 VIEWS PRIO-GRID-Month Conflict Predictions (Last Input Data: December 2022)

**Dataset tag:** views\_pgm\_12\_22

**Output Unit:** VIEWS PRIO-GRID Cell-Month, i.e., data is predicted per PRIO-GRID cell and month.

**Description:**

A dataset containing the Violence and Impacts Early-Warning System predictions for state-based conflict in Africa and the Middle East over a rolling three-year forecasting window. The month and year listed in the dataset name refer to the last month of input data informing the predictions. The forecasts are provided as point predictions for the number of people killed per PRIO-GRID cell and month (expressed in natural logged form plus 1, i.e.  $\ln(\text{fatalities}+1)$ ). Each grid cell in the dataset measures 0.5x0.5 decimal degrees, or approximately 55x55 km at the Equator.

**Dataset citation:**

Hegre, H. et al. (2022) 'Forecasting fatalities', Uppsala University, Technical report. URN: urn:nbn:se:uu:diva-476476.

Hegre, H. et al. (2021) 'ViEWS2020: Revising and evaluating the ViEWS political Violence Early-Warning System', *Journal of Peace Research*, 58(3), pp. 599–611. doi:10.1177/0022343320962157.

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More detailed information on the dataset can be found at the following web page: <https://viewsforecasting.org/resources/#downloads> and <https://viewsforecasting.org/methodology/definitions/>

**Unit Notes:** The unit of this dataset is a prio-grid cell and a month. This means that each row in the dataset can be identified through a combination of the variables pg\_id and month\_id.

### 5.119.1 VIEWS PRIO-GRID Cell-Month Unit

**Translation Path:** VIEWS PRIO-GRID Cell-Month (Primary Output Unit)

VIEWS PRIO-GRID Cell-Month is the primary unit.

## 6 Appendix A: Changelog

This section will in the future contain a list of all changes made to the methodology in comparison to previous versions.