

Appendices

Appendix A. Table A1: IPV drivers and risk factors - data sources and summaries

	Indicator <i>Variable type</i>	Data source	Timespan - original (sample)	Geographical coverage - original (sample)	Data/indicator description	Recoding for analysis	n	Missing -ness: n (%)	Median (IQR) / n (%)
<i>Latent class indicators: structural and contextual drivers measured at the country-year level</i>									
Armed conflict	Conflict in last 25 years	Heidelberg Institute for International Conflict Research. (2020). <i>Conflict Barometer 2019</i> . HIIK.	1825-2018 (1990-2020)	243 (190) countries	The HIIK dataset is based on information gathered in its CONTRA database. Data includes substate, intrastate, interstate and trans-state conflicts detailing start year and listed by conflict	With the 2019 dataset, we used start year along with conflict descriptions to ascertain active conflict status in a given country-year. Next, the 2019 codebook was checked for conflicts closed or marked inactive in 2017, 2018 and 2019, and cross-referenced with the 2016 dataset (as this has start year information) for any additional countries. This data was used to code whether country-years were currently in active conflict and we derived whether conflict had occurred in the last 25 years.	5,732	0 (0.0%)	3,445 (60.1%)
<i>Social discrimination</i>									
	High social discrimination	Inglehart, R., Haerpfer, C., Moreno, A., Welzel, C., Kizilova, K., Diez-Medrano, J., Lagos, M., Norris, P., Ponarin, E., & Puranen, B. (2020). <i>World Values Survey: All Rounds - Country-Pooled Datafile</i> . JD Systems Institute & WVSA. http://www.worldvaluessurvey.org/WVSDocumentationWVLS.jsp	1981-2020 (1990-2020)	104 (102) countries	Nationally representative global survey of human beliefs and values, which contains the question “On this list are various groups of people. Could you please indicate any that you would not like to have as neighbors?” – with various groups listed as options	As data was only available at the individual level, we calculated the proportion of the surveyed population (for each country-year) who mentioned the following groups: immigrants/foreign workers, people of a different race, people of a different religion, people who speak a different language (using individual sample non-response weights in these calculations). We then took the highest of these values as representing the highest level of disclosed discriminatory preferences. We then split this into quartiles and defined a binary variable separating those in the top quartile from the other three to create high vs low social discrimination categories,	2,083	3,649 (63.7%)	516 (24.8%)

Gender inequality	Gender Inequality Index <i>Continuous (bounded 0-1)</i>	United Nations Development Programme. (2020). <i>Gender Inequality Index (GII)</i> . Human Development Reports. http://hdr.undp.org/en/indicators/68606#	1995-2019 (1995-2020)	162 (162) countries	Composite measure reflecting inequality in achievement between women and men; comprises five indicators (adolescent fertility, maternal mortality, educational attainment, political representation, and labour force participation) over three domains of human development (reproductive health, empowerment, and the labour market). The higher the index value, the greater the disparities between women and men. Ranges from 0 (the lowest inequality between women and men) to 1 (the highest inequality) and can be classified into high (0.60 or higher), medium (0.4 to <0.6), and low (< 0.4) inequality.	Reshaped data from wide to long format.	3,762 (34.4%)	1,970 (0.24 – 0.57)	0.43 (0.24 – 0.57)
Socioeconomic inequality	Gini Index <i>Continuous (bounded 0-100)</i>	World Bank. (2020). <i>Gini index (World Bank estimate)</i> . Development Research Group. https://data.worldbank.org/indicator/SI.POV.GINI	1967-2018 (1990-2020)	165 (163) countries	Data are based on primary household survey data obtained from government statistical agencies and World Bank country departments. The index measures extent to which the distribution of income (or, in some cases, consumption expenditure) among individuals or households within an economy deviates from a perfectly equal distribution. A Lorenz curve plots the cumulative percentages of total income received against the cumulative number of recipients, starting with the poorest individual or household. The Gini index measures the area between the Lorenz curve and a hypothetical line of absolute equality, expressed as a proportion of the maximum area under the line. A Gini index of 0 represents perfect equality, while an index of 1 implies perfect inequality.	Reshaped data from wide to long format.	3,935 (31.4%)	1,797 (0.33 – 0.45)	0.39 (0.33 – 0.45)
Socioeconomic development	GDP, PPP (current international \$)	World Bank. (2020). <i>GDP, PPP (current international \$)</i> . International Comparison Program, World Development	1990-2019 (1990-2020)	197 (184) countries	This indicator provides values for gross domestic product (GDP) expressed in current international dollars, converted by purchasing power parity (PPP) conversion	Reshaped data from wide to long format. Log transformed due to skewed distribution.	5,471	261 (4.6%)	Log transformed : 24.5 (23.1 – 26.2)

	<i>Continuous (log transformed)</i>	Indicators database, Eurostat-OECD PPP Programme. https://data.worldbank.org/indicator/NY.GDP.MKTP.PP.CD			factor.			Original: \$42,400m (\$10,800m - \$230,000m)	
Normalisation and acceptability of violence	Homicide rate per 100,000	DATAUNODC. (2020). <i>Homicide rate</i> . United Nations Office on Drugs and Crime. https://dataunodc.un.org/content/data/homicide/homicide-rate	1990-2018 (1990-2020)	203 (169) countries	Annual United Nations Crime Trends Survey (UN-CTS) with additional data sourced from the most reliable sources available. Intentional homicide = Unlawful death inflicted upon a person with the intent to cause death or serious injury. Inclusions: Murder; honour killing; serious assault leading to death; death as a result of terrorist activities; dowry-related killings; femicide; infanticide; voluntary manslaughter; extrajudicial killings; killings caused by excessive use of force by law enforcement/state officials. Exclusions: Death due to legal interventions; justifiable homicide in self-defence; attempted intentional homicide; homicide without the element of intent is non- intentional homicide; non-negligent or involuntary manslaughter; assisting suicide or instigating suicide; illegal feticide; euthanasia	Log transformed due to skewed distribution.	4,260	1,472 (25.7%)	Log transformed : 1.2 (0.3 – 2.2) Original: 3.3 (1.4 – 8.8)
Climate change and natural disasters	Severe natural disaster in last 5yrs	Centre for Research on the Epidemiology of Disasters (CRED). (2020). <i>Emergency Events Database (EM-DAT)</i> .	1900-2020 (1990-2020)	243 (190) countries	Data includes natural, technological and complex emergency events where: Deaths: 10 or more people deaths; Affected: 100 or more people affected/injured/homeless; Declaration/international appeal: Declaration by the country of a state of emergency and/or an appeal for international assistance.	We included only natural disasters (i.e. geophysical, meteorological, hydrological, biological, climatological, and extra- terrestrial). Total deaths and total affected summed across all natural disasters in a given country-year and added together to get total impact. Country-years in the top impact quintile were considered to have experienced a severe natural disaster. So as to capture longer term impacts of natural disaster exposure, we created a variable that indicated whether there has been a severe (top quintile) natural disaster in the last 5 years.	5,732	0 (0.0%)	1,940 (33.9%)
Colonisation	Ever	Becker, B. (2019). <i>Colonial</i>	1462-1984	243 (190)	The Colonial Dates Dataset	The COLDAT colonies and start	5,732	0	4,309

colonised <i>Binary (1 "Yes", 0 "No")</i>	<i>Dates Dataset (COLDAT), V2. Harvard Dataverse. https://doi.org/10.7910/DVN/T9SDEW</i>	(1990-2020)	countries	(COLDAT) aggregates information on the reach and duration of European colonial empires from renowned secondary sources.	and end dates of colonial rule were used to derive colonisation history (country-years which preceded start of colonisation were coded as No). We supplemented the COLDAT data to identify whether the country was a post-soviet country (i.e. had been colonised by Russia) or had been colonised by the USA. In addition, we manually searched colonial histories for countries not included in the COLDAT list so that more information could be added to our dataset (we note that this information may be less reliable).	(0.0%)	(75.2%)
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Risk factors for further analysis: individual risk factors measured at the country-year level

Migration experience	Refugee population (% Pop.) <i>Continuous (bounded 0-100)</i>	World Bank. (2020). <i>Refugee population by country or territory of asylum</i> . United Nations High Commissioner for Refugees (UNHCR) and UNRWA through UNHCR's Refugee Data Finder at unhcr.org/refugee-statistics. https://data.worldbank.org/indicator/SM.POP.REFG	1960-2019 (1990-2020)	164 (164) countries	Refugee population by country or territory of asylum = the number people who have crossed an international border to find sanctuary and have been granted refugee or refugee-like status or temporary protection.	Reshaped into long format. Divided by total population and multiplied by 100 to create % variable, taking account of country size.	4,755	977 (17.1%)	0.1 (0.0 - 0.4)
Disability	Living with a disability (% Pop.) <i>Continuous (bounded 0-100)</i>	International Minnesota Population Centre. (2020). <i>Integrated Public Use Microdata Series, International: Version 7.3</i> . IPUMS. https://doi.org/https://doi.org/10.18128/D020.V7.3	1800s-2017 (1990-2020)	72 (72) countries	"Disabled" indicates whether the person reported a disability of any kind (IPUMS harmonised variable across different surveys and questions from various population-based surveys)	Only used data from 1900 onwards. Individual survey data used to generate country-year level proportions of population with a disability taking into account sample person weights. Proportions multiplied by 100 to give percentage prevalence estimates.	1,654	4,078 (71.1%)	1.9 (1.3 - 4.1)
Poor mental health	Mental health disorders (% Pop.) <i>Continuous (bounded 0-100)</i>	Institute for Health Metrics and Evaluation (IHME). (2020). <i>GBD Results Tool: B.6 Mental disorders</i> . http://ghdx.healthdata.org/gbd-results-tool	1990-2019 (1990-2020)	204 (189) countries	B.6 Mental disorders includes schizophrenia, depressive disorders, eating disorders, autism, ADHD, conduct disorders, idiopathic developmental intellectual disability, other mental disorders. GBD data is based on a combination of sources, including medical and national records, epidemiological data, in addition to	None.	5,725	7 (0.1%)	12.3 (11.2 - 14.7)

						survey data. Where raw data for a particular country is scarce, epidemiological data and meta-regression models are used based on available data from neighbouring countries. Data therefore present an estimate (rather than official diagnosis) of mental health.				
Alcohol	Alcohol consumption (l per capita: Men) <i>Continuous</i>	World Bank. (2020). <i>Total alcohol consumption per capita, male (liters of pure alcohol, projected estimates, male 15+ years of age)</i> . World Health Organization, Global Health Observatory Data Repository (apps.who.int/ghodata). https://data.worldbank.org/indicator/SH.ALC.PCAP.M_A.LI	2000-2018 (2000-2020)	187 (183) countries	Defined as the total (sum of recorded and unrecorded alcohol) amount of alcohol consumed per male (15 years of age or older) over a calendar year, in litres of pure alcohol, adjusted for tourist consumption.	Reshaped into long format.	3,767	1,965 (34.3%)	9.0 (3.6 - 14.9)	
Substance use	Substance use disorders (% Men) <i>Continuous (bounded 0-100)</i>	Our World in Data. (2020). <i>Prevalence of drug use disorders, males vs females, 2017</i> . Institute for Health Metrics and Evaluation (IHME), Global Burden of Disease. https://ourworldindata.org/grapher/prevalence-of-drug-use-disorders-males-vs-females	1990-2017 (1990-2020)	195 (189) countries	The share of men with a substance use disorder.	None.	5,725	7 (0.1%)	0.9 (0.7 - 1.2)	
HIV/AIDS	HIV/AIDS (% Pop. 15-49 yrs) <i>Continuous (bounded 0-100)</i>	Our World in Data. (2020). <i>HIV/AIDS: Prevalence in the total population</i> . Institute for Health Metrics and Evaluation (IHME), Global Burden of Disease. https://ourworldindata.org/hiv-aids	1990-2017 (1990-2020)	195 (189) countries	The share of people aged 15 to 49 years old who are infected with HIV	None.	5,725	7 (0.1%)	0.1 (0.0 - 0.8)	
Age	Median age of total population (yrs)	United Nations Department of Economic and Social Affairs. (2019). <i>SAI/POP/5: Median age by</i>	1950-2020 (1990-2020)	201 (188) countries	Estimates and Medium variant, 1950 - 2100.	Reshaped from wide to long format. We only used estimates to 2020, not future projections.	5,709	23 (0.4%)	24.0 (18.6 - 33.1)	

Continuous aggregate and constituents,
1950-2100 (years).
Population Dynamics -
World Population
Prospects.
<https://population.un.org/wpp/Download/Standard/Population/>

Data summaries refer to fully compiled, partially imputed, and missingness-restricted dataset (i.e. our analytical sample) where $N = 5,732$ country-years. Percentages are adjusted for clustering at country-level but don't account for time-based variation (medians don't account for either). See Appendix F for data acknowledgements.

Appendix B. Table A2: IPV estimates (women's reports of experiencing physical and/or sexual IPV in the last 12m) and data sources – arranged alphabetically and chronologically by ISO code

Country-year	Denom. (yrs)	Est. (%)	Included in UN SDG database ?	Source	Link	Other source: detail	Sub-national estimate?
AFG 2015	15-49	46.1	Yes	DHS	https://unstats.un.org/sdgs/indicators/database/ https://www.who.int/publications/item/9789240022256		No
AFG 2018	15-49	35	No	WHO VAW 2018	https://www.who.int/publications/item/9789240022256		No
AGO 2016	15-49	25.9	Yes	DHS	https://unstats.un.org/sdgs/indicators/database/		No
AGO 2018	15-49	25	No	WHO VAW 2018	https://www.who.int/publications/item/9789240022256		No
ALB 2018	15-49	6	No	WHO VAW 2018	https://www.who.int/publications/item/9789240022256		No
ARG 2015	18-69	2.7	No	Other (via UN Women Global Database on Violence against Women)	https://evaw-global-database.unwomen.org/en	Ministerio de Justicia y Derechos Humanos de la Nación. 2017. Primer Estudio Nacional sobre Violencias contra la Mujer 2015, Basado en la International Violence Against Women Survey (IVAWS), 1a ed. Ministerio de Justicia. Ciudad Autónoma de Buenos Aires: Ediciones SAIJ.	No
ARG 2018	15-49	4	No	WHO VAW 2018	https://www.who.int/publications/item/9789240022256		No
ARM 2016	15-49	3.5	Yes	DHS	https://unstats.un.org/sdgs/indicators/database/		No
ARM 2018	15-49	5	No	WHO VAW 2018	https://www.who.int/publications/item/9789240022256		No
AUS 2003	16+	4	No	IVAWS (via UN Women matrix)	https://www.who.int/publications/item/9789240022256		No
AUS 2016	18+	2.2	No	Other (via UN Women Global Database on Violence against Women)	https://evaw-global-database.unwomen.org/en	Australian Bureau of Statistics, 2017. Personal Safety Survey 2016. Canberra, Australia.	No
AUS 2018	15-49	3	No	WHO VAW 2018	https://www.who.int/publications/item/9789240022256		No
AUT 2012	18-74	4	Yes	calculated by FRA based on available country data from the 2012 FRA Violence against women: an EU-wide Survey	https://unstats.un.org/sdgs/indicators/database/		No
AUT 2018	15-49	4	No	WHO VAW 2018	https://www.who.int/publications/item/9789240022256		No
AZE 2006	15-49	10.2	Yes	DHS (corrected UN SDG value from 9.8 to 10.2 based on what is reported in DHS report and UN Women matrix)	https://unstats.un.org/sdgs/indicators/database/		No
AZE 2018	15-49	5	No	WHO VAW 2018	https://www.who.int/publications/item/9789240022256		No
BDI 2017	15-49	27.8	No	DHS (corrected UN SDG value from 27.9 to 27.8 based on what is reported in DHS report)	https://dhsprogram.com/		No
BDI 2018	15-49	22	No	WHO VAW 2018	https://www.who.int/publications/item/9789240022256		No
BEL 2012	18-74	8	Yes	calculated by FRA	https://unstats.un.org/sdgs/indicators/database/		No

				based on available country data from the 2012 FRA Violence against women: an EU-wide Survey	ors/database/	
BEL 2018	15-49	5	No	WHO VAW 2018	https://www.who.int/publications/i/item/9789240022256	No
BEN 2018	15-49	13.9	No	DHS	https://dhsprogram.com/	No
BFA 2011	15-49	9.6	No	DHS (corrected from 9.3 to 9.6 after checking DHS report)	https://dhsprogram.com/	No
BFA 2018	15-49	11	No	WHO VAW 2018	https://www.who.int/publications/i/item/9789240022256	No
BGD 2003	15-49	31.0 5	No	WHO multi-country study (Garcia-Moreno et al., 2006)	https://www.who.int/gender/violence/who_multicountry_study/media_corner/Prevalence_intimatepartner_WHOStudy.pdf	Yes - based on averaged estimates for 2 or more locations
BGD 2007	15-49	23.9	No	DHS (via UN Women matrix)	https://www.endvawnow.org/uploads/browser/files/vawprevalence_matrix_june2013.pdf	Yes - based on averaged estimates for 2 or more locations
BGD 2015	15+	28.8	Yes	Calculated by UNFPA based on available country data from the Violence against Women Survey 2015	https://unstats.un.org/sdgs/indicators/database/	Yes - based on one estimate only
BGD 2018	15-49	23	No	WHO VAW 2018	https://www.who.int/publications/i/item/9789240022256	No
BGR 2012	18-74	9	Yes	calculated by FRA based on available country data from the 2012 FRA Violence against women: an EU-wide Survey	https://unstats.un.org/sdgs/indicators/database/	No
BGR 2018	15-49	6	No	WHO VAW 2018	https://www.who.int/publications/i/item/9789240022256	No
BIH 2018	18-74	3.4	No	Other (via UN Women Global Database on Violence against Women)	https://evaw-global-database.unwomen.org/en	Organization for Security and Co-operation in Europe (OSCE). 2019. OESCE-led Survey on Violence against Women: Main Report. Vienna, Austria: OSCE Secretariat.
BLR 2018	15-49	6	No	WHO VAW 2018	https://www.who.int/publications/i/item/9789240022256	No
BLZ 2018	15-49	8	No	WHO VAW 2018	https://www.who.int/publications/i/item/9789240022256	No
BOL 2008	15-49	25.2	No	DHS data reported in PAHO 2012 publication VAW in LAC: Comparative analysis of population-based data from 12 countries	https://iris.paho.org/handle/10665_2/3471	No
BOL 2016	15+	27.1	Yes	PAHO 2018 publication Intimate Partner Violence against Women in the Americas: calculated by PAHO based on available country data from the Encuesta de Prevalencia y Características de la Violencia contra las Mujeres 2016	https://unstats.un.org/sdgs/indicators/database/	Yes - based on averaged estimates for 2 or more locations
BOL 2018	15-49	18	No	WHO VAW 2018	https://www.who.int/publications/i/item/9789240022256	No
BRA 2003	15-49	12.0	No	WHO multi-country	https://www.who.int/gender/viole	Yes - based

		5		study (Garcia-Moreno et al., 2006)	https://www.who.int/multicountry_study/media_corner/Prevalence_intimatepartner_WHOStudy.pdf		on averaged estimates for 2 or more locations
BRA 2017	16+	3.1	No	Other (via UN Women Global Database on Violence against Women)	https://evaw-global-database.unwomen.org/en	Bott S, Guedes A, Ruiz-Celis AP, Mendoza JA. Intimate partner violence in the Americas: A systematic review and reanalysis of national prevalence estimates. Based on data from: Instituto de Pesquisa DataSenado, 2018. Violência Doméstica e familiar contra a mulher: Pesquisa DataSenado. Brasília: Instituto de Pesquisa DataSenado, Observatório da Mulher contra a Violência.	No
BRA 2018	15-49	6	No	WHO VAW 2018	https://www.who.int/publications/item/9789240022256		No
BTN 2017	15-64	6.1	No	Other (via UN Women Global Database on Violence against Women)	https://evaw-global-database.unwomen.org/en	National Commission for Women and Children. 2019. National Study on Women's Health and Life Experiences 2017.	Yes - based on averaged estimates for 2 or more locations
BTN 2018	15-49	9	No	WHO VAW 2018	https://www.who.int/publications/item/9789240022256		No
BWA 2018	15-49	17	No	WHO VAW 2018	https://www.who.int/publications/item/9789240022256		No
CAF 2006	15-49	26.3	Yes	MICS	https://unstats.un.org/sdgs/indicators/database/		No
CAF 2018	15-49	21	No	WHO VAW 2018	https://www.who.int/publications/item/9789240022256		No
CAN 1993	15+	3	No	Other		Statistics Canada. 2006. Measuring Violence Against Women Statistical Trends 2006. Statistics Canada. Ottawa.	No
CAN 1999	15+	3	No	Other		Statistics Canada, Canadian Centre for Justice Statistics. 2011. Family Violence in Canada: A Statistical Profile. Statistics Canada. Ottawa.	No
CAN 2004	15+	2	No	Other (via UN Women matrix)	https://www.endvawnnow.org/uploads/browser/files/vawprevalencematrix_june2013.pdf	Statistics Canada. 2006. Measuring Violence Against Women Statistical Trends 2006. Statistics Canada. Ottawa.	No
CAN 2009	15+	1.9	No	Other (via UN Women matrix)	https://www.endvawnnow.org/uploads/browser/files/vawprevalencematrix_june2013.pdf	Statistics Canada, Canadian Centre for Justice Statistics. 2011. Family Violence in Canada: A Statistical Profile. Statistics Canada. Ottawa.	No

CAN 2018	15-49	3	No	WHO VAW 2018	https://www.who.int/publications/item/9789240022256	No
CHE 2003	16+	1	No	IVAWS (via UN Women matrix, not confirmed)	https://www.endvawnow.org/uploads/browser/files/vawprevalence_matrix_june2013.pdf	No
CHE 2018	15-49	2	No	WHO VAW 2018	https://www.who.int/publications/item/9789240022256	No
CHL 2018	15-49	6	No	WHO VAW 2018	https://www.who.int/publications/item/9789240022256	No
CHN 2013	18-49	1.9	No	UNMCS	https://svri.org/sites/default/files/attachments/2018-05-09/Why%20do%20some%20men%20use%20violence%20against%20women_1.pdf	Yes - based on one estimate only
CHN 2018	15-49	8	No	WHO VAW 2018	https://www.who.int/publications/item/9789240022256	No
CIV 2012	15-49	22.9	No	DHS (corrected from 22 to 22.9 after checking report)	https://dhsprogram.com/	No
CIV 2018	15-49	16	No	WHO VAW 2018	https://www.who.int/publications/item/9789240022256	No
CMR 2004	15-49	28	No	DHS	https://dhsprogram.com/	No
CMR 2011	15-49	32.6	No	DHS	https://dhsprogram.com/	No
CMR 2014	15-49	32.7	Yes	MICS	https://unstats.un.org/sdgs/indicators/database/	No
CMR 2018	15-49	21.5	No	DHS	https://dhsprogram.com/	No
COD 2007	15-49	64.1	No	DHS	https://dhsprogram.com/	No
COD 2014	15-49	36.8	Yes	DHS	https://unstats.un.org/sdgs/indicators/database/	No
COD 2018	15-49	36	No	WHO VAW 2018	https://www.who.int/publications/item/9789240022256	No
COK 2012	15-64	9.4	Yes	The Cook Islands Family Health and Safety Study	https://unstats.un.org/sdgs/indicators/database/	No
COK 2018	15-49	14	No	WHO VAW 2018	https://www.who.int/publications/item/9789240022256	No
COL 2005	15-49	22.1	No	DHS data reported in PAHO 2012 publication VAW in LAC: Comparative analysis of population-based data from 12 countries	https://iris.paho.org/handle/10665.2/3471	No
COL 2015	15-49	18.4	Yes	DHS* (I couldn't find this estimate in the report)	https://unstats.un.org/sdgs/indicators/database/	No
COL 2018	15-49	12	No	WHO VAW 2018	https://www.who.int/publications/item/9789240022256	No
COM 2012	15-49	4.9	Yes	DHS	https://unstats.un.org/sdgs/indicators/database/	No
COM 2018	15-49	8	No	WHO VAW 2018	https://www.who.int/publications/item/9789240022256	No
CPV 2005	15-49	7.8	Yes	DHS	https://unstats.un.org/sdgs/indicators/database/	No
CPV 2018	15-49	11	No	WHO VAW 2018	https://www.who.int/publications/item/9789240022256	No
CRI 2003	16+	8	No	IVAWS	https://doi.org/10.1007/978-0-387-73204-6	No
CRI 2018	15-49	7	No	WHO VAW 2018	https://www.who.int/publications/item/9789240022256	No
CUB 2018	15-49	5	No	WHO VAW 2018	https://www.who.int/publications/item/9789240022256	No
CYP 2012	18-74	3	Yes	calculated by FRA based on available country data from the 2012 FRA Violence against women: an EU-wide Survey	https://unstats.un.org/sdgs/indicators/database/	No
CYP 2018	15-49	3	No	WHO VAW 2018	https://www.who.int/publications/item/9789240022256	No
CZE 2003	16+	9	No	IVAWS	https://doi.org/10.1007/978-0-387-73204-6	No
CZE 2012	18-74	6	Yes	calculated by FRA based on available country data from the	https://unstats.un.org/sdgs/indicators/database/	No

				2012 FRA Violence against women: an EU-wide Survey		
CZE 2018	15-49	4	No	WHO VAW 2018	https://www.who.int/publications/item/9789240022256	No
DEU 2012	18-74	5	Yes	calculated by FRA based on available country data from the 2012 FRA Violence against women: an EU-wide Survey	https://unstats.un.org/sdgs/indicators/database/	No
DNK 2003	16+	1	No	IVAWS	https://doi.org/10.1007/978-3-87-73204-6	No
DNK 2012	18-74	7	Yes	calculated by FRA based on available country data from the 2012 FRA Violence against women: an EU-wide Survey	https://unstats.un.org/sdgs/indicators/database/	No
DNK 2018	15-49	3	No	WHO VAW 2018	https://www.who.int/publications/item/9789240022256	No
DOM 2002	15-49	10.4	No	DHS	https://dhsprogram.com/	No
DOM 2007	15-49	11.7	No	DHS	https://dhsprogram.com/	No
DOM 2013	15-49	16	Yes	DHS	https://unstats.un.org/sdgs/indicators/database/	No
DOM 2018	15-49	10	No	WHO VAW 2018	https://www.who.int/publications/item/9789240022256	No
ECU 2004	15-49	11.1	No	RHS data reported in PAHO 2012 publication VAW in LAC: Comparative analysis of population-based data from 12 countries	https://iris.paho.org/handle/10665/2/3471	No
ECU 2011	15-49	10.8	Yes	PAHO 2018 publication Intimate Partner Violence against Women in the Americas: calculated by PAHO based on available country data from the 2011 Encuesta Nacional sobre Relaciones Familiares y Violencia de Género contra las Mujeres	https://unstats.un.org/sdgs/indicators/database/	No
ECU 2018	15-49	8	No	WHO VAW 2018	https://www.who.int/publications/item/9789240022256	No
EGY 2005	15-49	21.7	No	DHS	https://dhsprogram.com/	No
EGY 2014	15-49	14	Yes	DHS	https://unstats.un.org/sdgs/indicators/database/	No
EGY 2018	15-49	15	No	WHO VAW 2018	https://www.who.int/publications/item/9789240022256	No
ESP 2012	18-74	2	Yes	calculated by FRA based on available country data from the 2012 FRA Violence against women: an EU-wide Survey	https://unstats.un.org/sdgs/indicators/database/	No
ESP 2018	15-49	3	No	WHO VAW 2018	https://www.who.int/publications/item/9789240022256	No
EST 2012	18-74	4	Yes	calculated by FRA based on available country data from the 2012 FRA Violence against women: an EU-wide Survey	https://unstats.un.org/sdgs/indicators/database/	No
EST 2018	15-49	4	No	WHO VAW 2018	https://www.who.int/publications/item/9789240022256	No
ETH 2003	15-49	53.7	No	WHO multi-country study (Garcia-Moreno et al., 2006)	https://www.who.int/gender/violence/who_multicountry_study/media_corner/Prevalence_intimatepartner_WHOStudy.pdf	Yes - based on one estimate only
ETH 2016	15-49	19.8	Yes	DHS	https://unstats.un.org/sdgs/indicators/database/	No

ETH 2018	15-49	27	No	WHO VAW 2018	https://www.who.int/publications/ i/item/9789240022256	No
FIN 2012	18-74	8	Yes	calculated by FRA based on available country data from the 2012 FRA Violence against women: an EU-wide Survey	https://unstats.un.org/sdgs/indicators/database/	No
FIN 2018	15-49	8	No	WHO VAW 2018	https://www.who.int/publications/ i/item/9789240022256	No
FJI 2011	18-49	29.7	Yes	National Research on Women's Health and Life Experiences in Fiji (2010/2011)	https://unstats.un.org/sdgs/indicators/database/	No
FJI 2018	15-49	23	No	WHO VAW 2018	https://www.who.int/publications/ i/item/9789240022256	No
FRA 2000	16+	10	No	IVAWS	https://doi.org/10.1007/978-0-387-73204-6	No
FRA 2007	18-59	3.3	No	Other (via UN Women Matrix; not clear from report if figure is actually for lifetime rather than last 12m)	https://www.endvawnow.org/uploads/ browser/files/vawprevalence_matrix_june2013.pdf	Tournyol du Clos, L., Institut national des hautes études de sécurité, et Le Jeannic, T., division Conditions de vie des ménages, Insee. 2008. Les violences faites aux femmes. Insee Première N°1180. Paris.
FRA 2012	18-74	7	Yes	calculated by FRA based on available country data from the 2012 FRA Violence against women: an EU-wide Survey	https://unstats.un.org/sdgs/indicators/database/	No
FRA 2018	15-49	5	No	WHO VAW 2018	https://www.who.int/publications/ i/item/9789240022256	No
FSM 2014	15-64	26	Yes	Federated States of Micronesia Family Health and Safety Study	https://unstats.un.org/sdgs/indicators/database/	No
FSM 2018	15-49	21	No	WHO VAW 2018	https://www.who.int/publications/ i/item/9789240022256	No
GAB 2012	15-49	31.5	Yes	DHS	https://unstats.un.org/sdgs/indicators/database/	No
GAB 2018	15-49	22	No	WHO VAW 2018	https://www.who.int/publications/ i/item/9789240022256	No
GBR 2005	16-59	5.9	No	Other* (via UN Women matrix but could not find equivalent statistic in report)	https://www.endvawnow.org/uploads/ browser/files/vawprevalence_matrix_june2013.pdf	British Crime Survey
GBR 2012	18-74	6	Yes	calculated by FRA based on available country data from the 2012 FRA Violence against women: an EU-wide Survey	https://unstats.un.org/sdgs/indicators/database/	No
GBR 2018	15-49	4	No	WHO VAW 2018	https://www.who.int/publications/ i/item/9789240022256	No
GEO 2005	15-44	2	No	RHS (via UN Women matrix)	https://www.endvawnow.org/uploads/ browser/files/vawprevalence_matrix_june2013.pdf	No
GEO 2018	15-49	3	No	WHO VAW 2018	https://www.who.int/publications/ i/item/9789240022256	No
GHA 2008	15-49	20	No	DHS (corrected from 19.2 to 20.0 after checking DHS report)	https://dhsprogram.com/	No
GHA 2018	15-49	10	No	WHO VAW 2018	https://www.who.int/publications/ i/item/9789240022256	No
GIN 2018	15-49	21	No	WHO VAW 2018	https://www.who.int/publications/ i/item/9789240022256	No
GMB 2013	15-49	7.3	Yes	DHS	https://unstats.un.org/sdgs/indicators/database/	No
GMB 2018	15-49	10	No	WHO VAW 2018	https://www.who.int/publications/ i/item/9789240022256	No

GNQ 2011	15-49	43.6	Yes	DHS	https://unstats.un.org/sdgs/indicators/database/	No
GNQ 2018	15-49	29	No	WHO VAW 2018	https://www.who.int/publications/item/9789240022256	No
GRC 2012	18-74	8	Yes	calculated by FRA based on available country data from the 2012 FRA Violence against women: an EU-wide Survey	https://unstats.un.org/sdgs/indicators/database/	No
GRC 2018	15-49	5	No	WHO VAW 2018	https://www.who.int/publications/item/9789240022256	No
GRD 2018	15-49	8	No	WHO VAW 2018	https://www.who.int/publications/item/9789240022256	No
GTM 2009	15-49	9.9	No	RHS (via UN Women matrix)	https://www.endvawnow.org/uploads/browser/files/vawprevalence_matrix_june2013.pdf	No
GTM 2015	15-49	8.5	No	ENSMI (DHS) (Corrected from 8.9 to 8.5 after checking DHS report)	https://dhsprogram.com/	No
GTM 2018	15-49	7	No	WHO VAW 2018	https://www.who.int/publications/item/9789240022256	No
GUY 2018	15-49	10	No	WHO VAW 2018	https://www.who.int/publications/item/9789240022256	No
HKG 2005	16+	2	No	IVAWS	https://doi.org/10.1007/978-0-387-73204-6	No
HKG 2018	15-49	3	No	WHO VAW 2018	https://www.who.int/publications/item/9789240022256	No
HND 2006	15-49	9.9	No	DHS data reported in PAHO 2012 publication VAW in LAC: Comparative analysis of population-based data from 12 countries	https://iris.paho.org/handle/10665/2/3471	No
HND 2012	15-49	10.9	No	DHS (corrected from 11 to 10.9 after checking DHS report)	https://dhsprogram.com/	No
HND 2018	15-49	7	No	WHO VAW 2018	https://www.who.int/publications/item/9789240022256	No
HRV 2012	18-74	4	Yes	calculated by FRA based on available country data from the 2012 FRA Violence against women: an EU-wide Survey	https://unstats.un.org/sdgs/indicators/database/	No
HRV 2018	15-49	4	No	WHO VAW 2018	https://www.who.int/publications/item/9789240022256	No
HTI 2000	15-49	20.7	No	DHS	https://dhsprogram.com/	No
HTI 2006	15-49	16.8	No	DHS	https://dhsprogram.com/	No
HTI 2012	15-49	14.9	No	DHS	https://dhsprogram.com/	No
HTI 2017	15-49	13.9	Yes	DHS	https://unstats.un.org/sdgs/indicators/database/	No
HTI 2018	15-49	12	No	WHO VAW 2018	https://www.who.int/publications/item/9789240022256	No
HUN 2012	18-74	8	Yes	calculated by FRA based on available country data from the 2012 FRA Violence against women: an EU-wide Survey	https://unstats.un.org/sdgs/indicators/database/	No
HUN 2018	15-49	6	No	WHO VAW 2018	https://www.who.int/publications/item/9789240022256	No
IDN 2018	15-49	9	No	WHO VAW 2018	https://www.who.int/publications/item/9789240022256	No
IND 2006	15-49	23.9	No	DHS	https://dhsprogram.com/	No
IND 2016	15-49	23.7	No	NFHS (DHS) - corrected to 23.7 from 22 after checking report	https://dhsprogram.com/	No
IND 2018	15-49	18	No	WHO VAW 2018	https://www.who.int/publications/item/9789240022256	No
IRL 2012	18-74	4	Yes	calculated by FRA based on available country data from the	https://unstats.un.org/sdgs/indicators/database/	No

				2012 FRA Violence against women: an EU-wide Survey		
IRL 2018	15-49	3	No	WHO VAW 2018	https://www.who.int/publications/ i/item/9789240022256	No
IRN 2018	15-49	18	No	WHO VAW 2018	https://www.who.int/publications/ i/item/9789240022256	No
ISL 2008	18-80	2	No	Other (via UN Women Global Database on Violence against Women)	https://evaw-global-database.unwomen.org/en	Ingólfur Gíslason, 2008. Ofbeldi í nánum samböndum: orsakir, afleiðingar, úrræði [Violence in intimate relationships: causes, consequences, remedies]. Reykjavík: Félagsmálaráðuneyti ð (Ministry of Social Affairs – now Ministry for Welfare)
ISL 2018	15-49	3	No	WHO VAW 2018	https://www.who.int/publications/ i/item/9789240022256	No
ISR 2018	15-49	6	No	WHO VAW 2018	https://www.who.int/publications/ i/item/9789240022256	No
ITA 2006	16+	2.4	No	IVAWS	https://doi.org/10.1007/978-3-87-73204-6	No
ITA 2012	18-74	7	Yes	calculated by FRA based on available country data from the 2012 FRA Violence against women: an EU-wide Survey	https://unstats.un.org/sdgs/indicators/database/	No
ITA 2018	15-49	4	No	WHO VAW 2018	https://www.who.int/publications/ i/item/9789240022256	No
JAM 2009	15-49	7.7	No	RHS (via UN Women matrix)	https://www.endvawnow.org/uploads/browser/files/vawprevalence_matrix_june2013.pdf	No
JAM 2016	15-64	8.52	Yes	Calculated by UN Women based on available country data from the Women's Health Survey 2016	https://unstats.un.org/sdgs/indicators/database/	No
JAM 2018	15-49	7	No	WHO VAW 2018	https://www.who.int/publications/ i/item/9789240022256	No
JOR 2007	15-49	14.6	No	DHS	https://dhsprogram.com/	No
JOR 2012	15-49	14.1	Yes	DHS	https://unstats.un.org/sdgs/indicators/database/	No
JOR 2018	15-49	13.8	No	DHS	https://dhsprogram.com/	No
JPN 2003	18-49	3.8	No	WHO multi-country study (Garcia-Moreno et al., 2006)	https://www.who.int/gender/violence/who_multicountry_study/media_corner/Prevalence_intimatepartner_WHOStudy.pdf	Yes - based on one estimate only
JPN 2018	15-49	4	No	WHO VAW 2018	https://www.who.int/publications/ i/item/9789240022256	No
KAZ 2011	15-49	15.7	No	MICS	http://mics.unicef.org/surveys	No
KAZ 2015	18-75	4.7	No	Other (via UN Women Global Database on Violence against Women)	https://evaw-global-database.unwomen.org/en	Statistics Committee of the Ministry of National Economy. 2017. Sample Survey on Violence Against Women in Kazakhstan. Astana, Kazakhstan: Statistics Committee of the Ministry of National Economy of RK.
KAZ 2018	15-49	6	No	WHO VAW 2018	https://www.who.int/publications/ i/item/9789240022256	No
KEN 2003	15-49	28.2	No	DHS	https://dhsprogram.com/	No
KEN 2009	15-49	34	No	DHS	https://dhsprogram.com/	No
KEN 2014	15-49	25.5	Yes	DHS	https://unstats.un.org/sdgs/indicators/database/	No

KEN 2018	15-49	23	No	WHO VAW 2018	https://www.who.int/publications/ i/item/9789240022256	No
KGZ 2012	15-49	17.1	Yes	DHS	https://unstats.un.org/sdgs/indicat ors/database/	No
KGZ 2018	15-49	13	No	WHO VAW 2018	https://www.who.int/publications/ i/item/9789240022256	No
KHM 2000	15-49	15.2	No	DHS	https://dhsprogram.com/	No
KHM 2005	15-49	8.7	No	DHS	https://dhsprogram.com/	No
KHM 2013	18-49	3.2	No	UNMCS	https://svri.org/sites/default/files/a ttachments/2018-05-09/Why%20do%20some%20men%20use%20violence%20against%20women_1.pdf	No
KHM 2014	15-49	10.9	Yes	DHS	https://unstats.un.org/sdgs/indicat ors/database/	No
KHM 2018	15-49	9	No	WHO VAW 2018	https://www.who.int/publications/ i/item/9789240022256	No
KIR 2008	15-49	36.1	Yes	Family Health and Support Study	https://unstats.un.org/sdgs/indicat ors/database/	No
KIR 2018	15-49	25	No	WHO VAW 2018	https://www.who.int/publications/ i/item/9789240022256	No
KIR 2019	15-49	43.4	No	MICS	http://mics.unicef.org/surveys	No
KOR 2018	15-49	8	No	WHO VAW 2018	https://www.who.int/publications/ i/item/9789240022256	No
LAO 2014	15-64	6.4	Yes	Lao National Survey on Women's Health and Life Experiences	https://unstats.un.org/sdgs/indicat ors/database/	No
LAO 2018	15-49	8	No	WHO VAW 2018	https://www.who.int/publications/ i/item/9789240022256	No
LBR 2007	15-49	36.3	No	DHS (corrected from 35 to 36.3 after checking DHS report)	https://dhsprogram.com/	No
LBR 2018	15-49	27	No	WHO VAW 2018	https://www.who.int/publications/ i/item/9789240022256	No
LKA 2013	18-49	1.5	No	UNMCS	https://svri.org/sites/default/files/a ttachments/2018-05-09/Why%20do%20some%20men%20use%20violence%20against%20women_1.pdf	No
LKA 2018	15-49	4	No	WHO VAW 2018	https://www.who.int/publications/ i/item/9789240022256	No
LSO 2018	15-49	16	No	WHO VAW 2018	https://www.who.int/publications/ i/item/9789240022256	No
LTU 2012	18-74	6	Yes	calculated by FRA based on available country data from the 2012 FRA Violence against women: an EU-wide Survey	https://unstats.un.org/sdgs/indicat ors/database/	No
LTU 2018	15-49	5	No	WHO VAW 2018	https://www.who.int/publications/ i/item/9789240022256	No
LUX 2012	18-74	3	Yes	calculated by FRA based on available country data from the 2012 FRA Violence against women: an EU-wide Survey	https://unstats.un.org/sdgs/indicat ors/database/	No
LUX 2018	15-49	4	No	WHO VAW 2018	https://www.who.int/publications/ i/item/9789240022256	No
LVA 2012	18-74	7	Yes	calculated by FRA based on available country data from the 2012 FRA Violence against women: an EU-wide Survey	https://unstats.un.org/sdgs/indicat ors/database/	No
LVA 2018	15-49	6	No	WHO VAW 2018	https://www.who.int/publications/ i/item/9789240022256	No
MAR 2010	18-64	11.5	No	Other (via UN Women matrix)	https://www.endvawnow.org/uplo ads/browser/files/vawprevalence matrix_june2013.pdf	Moroccan High Commission of Planning. 2012. Enquête nationale sur la prévalence de la violence à l'égard des femmes au

						Maroc: 2009. Morrocan High Commission of Planning. Rabat.	
MAR 2018	15-49	10	No	WHO VAW 2018	https://www.who.int/publications/ i/item/9789240022256	No	
MDA 2005	15-49	14.6	Yes	DHS	https://unstats.un.org/sdgs/indicators/database/	No	
MDA 2018	15-49	9	No	WHO VAW 2018	https://www.who.int/publications/ i/item/9789240022256	No	
MDG 2018	15-49	16	No	MICS	http://mics.unicef.org/surveys	No	
MDV 2006	15-49	6.4	Yes	Study on Women's Health and Life Experiences	https://unstats.un.org/sdgs/indicators/database/	No	
MDV 2016	15-49	5.6	No	DHS	https://dhsprogram.com/	No	
MDV 2018	15-49	6	No	WHO VAW 2018	https://www.who.int/publications/ i/item/9789240022256	No	
MEX 2016	15+	9.5	Yes	PAHO 2018 publication Intimate Partner Violence against Women in the Americas: calculated by PAHO based on available country data from the 2016 ENDIREH	https://unstats.un.org/sdgs/indicators/database/	No	
MEX 2018	15-49	10	No	WHO VAW 2018	https://www.who.int/publications/ i/item/9789240022256	No	
MHL 2007	15-49	24.7	No	DHS (via UN Women matrix)	https://www.endvawnow.org/uploads/ browser/files/vawprevalence_matrix_june2013.pdf	No	
MHL 2014	15-64	20.1	Yes	Republic of the Marshall Islands National Study on Family Health and Safety	https://unstats.un.org/sdgs/indicators/database/	No	
MHL 2018	15-49	19	No	WHO VAW 2018	https://www.who.int/publications/ i/item/9789240022256	No	
MKD 2018	15-49	4	No	WHO VAW 2018	https://www.who.int/publications/ i/item/9789240022256	No	
MLI 2006	15-49	21.5	Yes	DHS* (I couldn't find this in DHS report)	https://unstats.un.org/sdgs/indicators/database/	No	
MLI 2013	15-49	26.9	No	DHS	https://dhsprogram.com/	No	
MLI 2018	15-49	20.9	No	DHS	https://dhsprogram.com/	No	
MLT 2010	18-59	13.6	No	WHO (UN Women matrix) / Study on the Prevalence of Domestic Violence against Women in Malta*	https://www.endvawnow.org/uploads/ browser/files/vawprevalence_matrix_june2013.pdf	No	
MLT 2012	18-74	5	Yes	calculated by FRA based on available country data from the 2012 FRA Violence against women: an EU- wide Survey	https://unstats.un.org/sdgs/indicators/database/	No	
MLT 2018	15-49	4	No	WHO VAW 2018	https://www.who.int/publications/ i/item/9789240022256	No	
MMR 2016	15-49	11	Yes	DHS	https://unstats.un.org/sdgs/indicators/database/	No	
MMR 2018	15-49	11	No	WHO VAW 2018	https://www.who.int/publications/ i/item/9789240022256	No	
MNE 2018	15-49	4	No	WHO VAW 2018	https://www.who.int/publications/ i/item/9789240022256	No	
MNG 2017	15-64	14.7	Yes	2017 National Study on Gender-based violence in Mongolia	https://unstats.un.org/sdgs/indicators/database/	No	
MNG 2018	15-49	12	No	WHO VAW 2018	https://www.who.int/publications/ i/item/9789240022256	No	
MOZ 2004	16+	18	No	IVAWS	https://doi.org/10.1007/978-0-387-73204-6	No	
MOZ 2011	15-49	27.7	No	DHS	https://dhsprogram.com/	No	

MOZ 2015	18-49	15.5	Yes	AIS: Inquérito de Indicadores de Imunização, Malária e HIV/SIDA WHO VAW 2018	https://unstats.un.org/sdgs/indicators/database/	No
MOZ 2018	15-49	16	No	DHS	https://www.who.int/publications/item/9789240022256	No
MWI 2004	15-49	18.5	No	DHS	https://dhsprogram.com/	No
MWI 2010	15-49	22.1	No	DHS	https://dhsprogram.com/	No
MWI 2016	15-49	24.3	Yes	DHS	https://unstats.un.org/sdgs/indicators/database/	No
MWI 2018	15-49	17	No	WHO VAW 2018	https://www.who.int/publications/item/9789240022256	No
NAM 2003	15-49	19.5	No	WHO multi-country study (Garcia-Moreno et al., 2006)	https://www.who.int/gender/violence/who_multicountry_study/media_corner/Prevalence_intimatepartner_WHOStudy.pdf	Yes - based on one estimate only
NAM 2013	15-49	20.2	Yes	DHS	https://unstats.un.org/sdgs/indicators/database/	No
NAM 2018	15-49	16	No	WHO VAW 2018	https://www.who.int/publications/item/9789240022256	No
NER 2018	15-49	13	No	WHO VAW 2018	https://www.who.int/publications/item/9789240022256	No
NGA 2008	15-49	15.2	No	DHS	https://dhsprogram.com/	No
NGA 2013	15-49	11	Yes	DHS	https://unstats.un.org/sdgs/indicators/database/	No
NGA 2018	15-49	13.8	No	DHS	https://dhsprogram.com/	No
NIC 2007	15-49	9.3	No	RHS (via UN Women matrix)	https://www.endvawnow.org/uploads/browser/files/vawprevalence_matrix_june2013.pdf	No
NIC 2012	15-49	7.5	Yes	ENDESA	https://unstats.un.org/sdgs/indicators/database/	No
NIC 2018	15-49	6	No	WHO VAW 2018	https://www.who.int/publications/item/9789240022256	No
NLD 2012	18-74	7	Yes	calculated by FRA based on available country data from the 2012 FRA Violence against women: an EU-wide Survey	https://unstats.un.org/sdgs/indicators/database/	No
NLD 2018	15-49	5	No	WHO VAW 2018	https://www.who.int/publications/item/9789240022256	No
NOR 2008	20-55	5.5	No	Other (via UN Women matrix)	https://www.endvawnow.org/uploads/browser/files/vawprevalence_matrix_june2013.pdf	Neroien A, Schei B. 2008. Partner violence and health: results from the first national study on violence against women in Norway. Scandinavian Journal of Public Health 36(2): 161-8.
NOR 2018	15-49	4	No	WHO VAW 2018	https://www.who.int/publications/item/9789240022256	No
NPL 2011	15-49	14.3	No	DHS	https://dhsprogram.com/	No
NPL 2016	15-49	11.2	Yes	DHS	https://unstats.un.org/sdgs/indicators/database/	No
NPL 2018	15-49	11	No	WHO VAW 2018	https://www.who.int/publications/item/9789240022256	No
NRU 2013	15-64	22	No	Other (via UN Women Global Database on Violence against Women)	https://evaw-global-database.unwomen.org/en	Carlued Leon and Tara Detogia, 2014. Nauru Family Health and Support Study - An Exploratory Study on Violence against Women.
NRU 2018	15-49	20	No	WHO VAW 2018	https://www.who.int/publications/item/9789240022256	No
NZL 2002	18-64	5.55	No	WHO multi-country study (UN matrix)	https://www.who.int/gender/violence/who_multicountry_study/media_corner/Prevalence_intimatepartner_WHOStudy.pdf	Yes - based on averaged estimates for 2 or more locations
NZL 2018	15-49	4	No	WHO VAW 2018	https://www.who.int/publications/	No

PAK 2018	15-49	14.5	No	DHS	https://dhsprogram.com/i/item/9789240022256	No
PAN 2009	15-49	10.1	Yes	PAHO 2018 publication Intimate Partner Violence against Women in the Americas: calculated by PAHO based on available country data from the 2009 Encuesta Nacional de Salud Sexual y Reproductiva Panama 2009	https://unstats.un.org/sdgs/indicators/database/	No
PAN 2018	15-49	8	No	WHO VAW 2018	https://www.who.int/publications/i/item/9789240022256	No
PER 2003	15-49	26.7	No	WHO multi-country study (Garcia-Moreno et al., 2006)	https://www.who.int/gender/violence/who_multicountry_study/media_corner/Prevalence_intimatepartner_WHOStudy.pdf	Yes - based on averaged estimates for 2 or more locations
PER 2008	15-49	14.9	No	DHS	https://dhsprogram.com/	No
PER 2009	15-49	14.2	No	DHS	https://dhsprogram.com/	No
PER 2010	15-49	13.9	No	DHS	https://dhsprogram.com/	No
PER 2011	15-49	13.6	No	DHS	https://dhsprogram.com/	No
PER 2012	15-49	12.9	No	DHS	https://dhsprogram.com/	No
PER 2013	15-49	12.1	No	DHS	https://dhsprogram.com/	No
PER 2014	15-49	12.8	No	DHS	https://dhsprogram.com/	No
PER 2015	15-49	11.7	No	Encuesta demografica y de salud familiar ENDES	https://proyectos.inei.gob.pe/endeds/	
PER 2016	15-49	10.8	Yes	Encuesta demografica y de salud familiar ENDES	https://unstats.un.org/sdgs/indicators/database/	No
PER 2017	15-49	10.6	No	Encuesta demografica y de salud familiar ENDES	https://proyectos.inei.gob.pe/endeds/	
PER 2018	15-49	10.9	No	Encuesta demografica y de salud familiar ENDES	https://proyectos.inei.gob.pe/endeds/	
PER 2019	15-49	10	No	Encuesta demografica y de salud familiar ENDES	https://proyectos.inei.gob.pe/endeds/	
PHL 2005	16+	3	No	IVAWS	https://doi.org/10.1007/978-0-387-73204-6	No
PHL 2008	15-49	10.3	No	DHS	https://dhsprogram.com/	No
PHL 2013	15-49	7.1	No	DHS	https://dhsprogram.com/	No
PHL 2017	15-49	5.5	Yes	DHS	https://unstats.un.org/sdgs/indicators/database/	No
PHL 2018	15-49	6	No	WHO VAW 2018	https://www.who.int/publications/i/item/9789240022256	No
PLW 2013	15-64	9.6	Yes	Belau Family Health and Safety Study	https://unstats.un.org/sdgs/indicators/database/	No
PLW 2018	15-49	14	No	WHO VAW 2018	https://www.who.int/publications/i/item/9789240022256	No
PNG 2013	18-49	13.4	No	UNMCS	https://svri.org/sites/default/files/attachments/2018-05-09/Why%20do%20some%20men%20use%20violence%20against%20women_1.pdf	Yes - based on one estimate only
PNG 2018	15-49	47.6	No	DHS	https://dhsprogram.com/	No
POL 2004	16+	3	No	IVAWS	https://doi.org/10.1007/978-0-387-73204-6	No
POL 2012	18-74	3	Yes	calculated by FRA based on available country data from the 2012 FRA Violence against women: an EU-wide Survey	https://unstats.un.org/sdgs/indicators/database/	No
POL 2018	15-49	3	No	WHO VAW 2018	https://www.who.int/publications/i/item/9789240022256	No
PRT 2012	18-74	6	Yes	calculated by FRA based on available country data from the 2012 FRA Violence against women: an EU-wide Survey	https://unstats.un.org/sdgs/indicators/database/	No

PRT 2018	15-49	4	No	wide Survey WHO VAW 2018	https://www.who.int/publications/item/9789240022256	No
PRY 2008	15-44	8	No	RHS data reported in PAHO 2012 publication VAW in LAC: Comparative analysis of population-based data from 12 countries	https://iris.paho.org/handle/10665_2/3471	No
PRY 2018	15-49	6	No	WHO VAW 2018	https://www.who.int/publications/item/9789240022256	No
PSE 2018	15-49	19	No	WHO VAW 2018	https://www.who.int/publications/item/9789240022256	No
ROU 2012	18-74	7	Yes	calculated by FRA based on available country data from the 2012 FRA Violence against women: an EU-wide Survey	https://unstats.un.org/sdgs/indicators/database/	No
ROU 2018	15-49	7	No	WHO VAW 2018	https://www.who.int/publications/item/9789240022256	No
RWA 2005	15-49	25.6	No	DHS	https://dhsprogram.com/	No
RWA 2010	15-49	44.3	No	DHS	https://dhsprogram.com/	No
RWA 2015	15-49	20.7	Yes	DHS	https://unstats.un.org/sdgs/indicators/database/	No
RWA 2018	15-49	23	No	WHO VAW 2018	https://www.who.int/publications/item/9789240022256	No
SDN 2018	15-49	17	No	WHO VAW 2018	https://www.who.int/publications/item/9789240022256	No
SEN 2017	15-49	12.2	Yes	DHS	https://unstats.un.org/sdgs/indicators/database/	No
SEN 2018	15-49	12	No	WHO VAW 2018	https://www.who.int/publications/item/9789240022256	No
SGP 2009	18-69	1	No	Other (via UN Women Global Database on Violence against Women)	https://evaw-global-database.unwomen.org/en	Bouhours, B., Cheong, C.W., Bong, B. and Anderson, S., 2013. International Violence Against Women Survey: Final Report on Singapore.
SGP 2018	15-49	2	No	WHO VAW 2018	https://www.who.int/publications/item/9789240022256	No
SLB 2008	15-49	41.8	Yes	Solomon Islands Family Health and Safety Study: A study on violence against women and children	https://unstats.un.org/sdgs/indicators/database/	No
SLB 2018	15-49	28	No	WHO VAW 2018	https://www.who.int/publications/item/9789240022256	No
SLE 2013	15-49	28.7	Yes	DHS	https://unstats.un.org/sdgs/indicators/database/	No
SLE 2018	15-49	20	No	WHO VAW 2018	https://www.who.int/publications/item/9789240022256	No
SLV 2008	15-49	7.7	No	RHS (via UN Women matrix)	https://www.endvawnow.org/uploads/browser/files/vawprevalence_matrix_june2013.pdf	No
SLV 2014	15-64	6.7	Yes	PAHO 2018 publication Intimate Partner Violence against Women in the Americas: calculated by PAHO based on available country data from the Violencia Contra las Mujeres en El Salvador: Estudio poblacional 2014	https://unstats.un.org/sdgs/indicators/database/	No
SLV 2018	15-49	6	No	WHO VAW 2018	https://www.who.int/publications/item/9789240022256	No
SRB 2003	15-49	3.7	No	WHO multi-country study (Garcia-Moreno et al., 2006)	https://www.who.int/gender/violence/who_multicountry_study/media_corner/Prevalence_intimatepa	Yes - based on one estimate only

SRB 2018	18-74	3.4	No	Other (via UN Women Global Database on Violence against Women)	rtner_WHOStudy.pdf https://evaw-global-database.unwomen.org/en	Organization for Security and Co-operation in Europe (OSCE). 2019. OESCE-led Survey on Violence against Women: Main Report. Vienna, Austria: OSCE Secretariat.	No
SSD 2018	15-49	27	No	WHO VAW 2018	https://www.who.int/publications/i/item/9789240022256		No
STP 2009	15-49	27.9	No	DHS (changed UN SDG value of 26.3 to 27.9 to match DHS report and UN matrix)	https://dhsprogram.com/		No
STP 2018	15-49	18	No	WHO VAW 2018	https://www.who.int/publications/i/item/9789240022256		No
SUR 2018	15-49	8	No	WHO VAW 2018	https://www.who.int/publications/i/item/9789240022256		No
SVK 2008	?	12.2	No	Other* (via UN Women matrix; can't verify as can't find report))	https://www.endvawnow.org/uploads/browser/files/vawprevalence_matrix_june2013.pdf	Bondarova et al., 2008 "Representative Research on Prevalence and experience of Women with Violence against Women in Slovakia". Institute for Labor and Family Research, Bratislava	No
SVK 2012	18-74	8	Yes	calculated by FRA based on available country data from the 2012 FRA Violence against women: an EU-wide Survey	https://unstats.un.org/sdgs/indicators/database/		No
SVK 2018	15-49	6	No	WHO VAW 2018	https://www.who.int/publications/i/item/9789240022256		No
SVN 2012	18-74	2	Yes	calculated by FRA based on available country data from the 2012 FRA Violence against women: an EU-wide Survey	https://unstats.un.org/sdgs/indicators/database/		No
SVN 2018	15-49	3	No	WHO VAW 2018	https://www.who.int/publications/i/item/9789240022256		No
SWE 2012	18-74	6	Yes	calculated by FRA based on available country data from the 2012 FRA Violence against women: an EU-wide Survey	https://unstats.un.org/sdgs/indicators/database/		No
SWE 2018	15-49	6	No	WHO VAW 2018	https://www.who.int/publications/i/item/9789240022256		No
SWZ 2018	15-49	18	No	WHO VAW 2018	https://www.who.int/publications/i/item/9789240022256		No
TCD 2015	15-49	17.5	Yes	DHS	https://unstats.un.org/sdgs/indicators/database/		No
TCD 2018	15-49	16	No	WHO VAW 2018	https://www.who.int/publications/i/item/9789240022256		No
TGO 2014	15-49	12.7	Yes	DHS	https://unstats.un.org/sdgs/indicators/database/		No
TGO 2018	15-49	13	No	WHO VAW 2018	https://www.who.int/publications/i/item/9789240022256		No
THA 2003	15-49	22.1	No	WHO multi-country study (Garcia-Moreno et al., 2006)	rtner_WHOStudy.pdf https://www.who.int/gender/violence/who_multicountry_study/media_corner/Prevalence_intimatepartner_WHOStudy.pdf	Yes - based on averaged estimates for 2 or more locations	
THA 2018	15-49	9	No	WHO VAW 2018	https://www.who.int/publications/i/item/9789240022256		No

TJK 2012	15-49	15.2	No	DHS	https://dhsprogram.com/ https://unstats.un.org/sdgs/indicators/database/	No
TJK 2017	15-49	19	Yes	DHS	https://www.who.int/publications/item/9789240022256	No
TJK 2018	15-49	14	No	WHO VAW 2018	https://www.who.int/publications/item/9789240022256	No
TLS 2010	15-49	31.5	No	DHS	https://dhsprogram.com/	No
TLS 2016	15-49	34.6	Yes	DHS	https://unstats.un.org/sdgs/indicators/database/	No
TLS 2018	15-49	28	No	WHO VAW 2018	https://www.who.int/publications/item/9789240022256	No
TON 2009	15-49	18.9	Yes	National Study on Domestic Violence against Women in Tonga	https://unstats.un.org/sdgs/indicators/database/	No
TON 2018	15-49	17	No	WHO VAW 2018	https://www.who.int/publications/item/9789240022256	No
TTO 2017	15-64	5.7	Yes	National Women's and Health Survey for Trinidad and Tobago. NB: corrected this from UN Women calculation provided in SDG figures to match that in report	https://unstats.un.org/sdgs/indicators/database/	No
TTO 2018	15-49	8	No	WHO VAW 2018	https://www.who.int/publications/item/9789240022256	No
TUN 2018	15-49	10	No	WHO VAW 2018	https://www.who.int/publications/item/9789240022256	No
TUR 2008	15-59	13.7	No	WHO (UN Women matrix) / National Research on Domestic Violence against Women in Turkey	https://www.endvawnow.org/uploads/browser/files/vawprevalence_matrix_june2013.pdf	No
TUR 2014	15-59	11	Yes	Domestic Violence against Women in Turkey	https://unstats.un.org/sdgs/indicators/database/	No
TUR 2018	15-49	12	No	WHO VAW 2018	https://www.who.int/publications/item/9789240022256	No
TUV 2007	15-49	25	Yes	DHS	https://unstats.un.org/sdgs/indicators/database/	No
TUV 2018	15-49	20	No	WHO VAW 2018	https://www.who.int/publications/item/9789240022256	No
TZA 2003	15-49	25.3	No	WHO multi-country study (Garcia-Moreno et al., 2006)	https://www.who.int/gender/violence/who_multicountry_study/media_corner/Prevalence_intimatepartner_WHOStudy.pdf	Yes - based on averaged estimates for 2 or more locations
TZA 2010	15-49	36.8	No	DHS	https://dhsprogram.com/	No
TZA 2016	15-49	29.6	Yes	DHS	https://unstats.un.org/sdgs/indicators/database/	No
TZA 2018	15-49	24	No	WHO VAW 2018	https://www.who.int/publications/item/9789240022256	No
UGA 2006	15-49	45	No	DHS	https://dhsprogram.com/	No
UGA 2011	15-49	34.6	No	DHS	https://dhsprogram.com/	No
UGA 2016	15-49	29.9	Yes	DHS	https://unstats.un.org/sdgs/indicators/database/	No
UGA 2018	15-49	26	No	WHO VAW 2018	https://www.who.int/publications/item/9789240022256	No
UKR 2007	15-49	10.6	No	DHS (corrected from 10.2 to 10.6 after checking DHS report)	https://dhsprogram.com/	No
UKR 2018	15-49	9	No	WHO VAW 2018	https://www.who.int/publications/item/9789240022256	No
URY 2013	15+	2.8	Yes	PAHO 2018 publication Intimate Partner Violence against Women in the Americas: calculated by PAHO based on available country data from the 2013 Encuesta Nacional de Violencia basada en Genero y Generaciones	https://unstats.un.org/sdgs/indicators/database/	No
URY 2018	15-49	4	No	WHO VAW 2018	https://www.who.int/publications/	No

USA 2000	18+	1.5	No	RHS (via UN Women matrix)	i/item/9789240022256 https://www.endvawnow.org/uploads/browser/files/vawprevalence_matrix_june2013.pdf	No
USA 2018	15-49	6	No	WHO VAW 2018	https://www.who.int/publications/i/item/9789240022256	No
VEN 2018	15-49	8	No	WHO VAW 2018	https://www.who.int/publications/i/item/9789240022256	No
VNM 2010	18-60	10.8	Yes	NATIONAL STUDY ON DOMESTIC VIOLENCE AGAINST WOMEN IN VIET NAM	https://unstats.un.org/sdgs/indicators/database/	No
VNM 2018	15-49	10	No	WHO VAW 2018	https://www.who.int/publications/i/item/9789240022256	No
VUT 2009	15-49	44	Yes	National Survey on Women's Lives and Family Relationships	https://unstats.un.org/sdgs/indicators/database/	No
VUT 2018	15-49	29	No	WHO VAW 2018	https://www.who.int/publications/i/item/9789240022256	No
WSM 2003	15-49	22.4	No	WHO multi-country study (Garcia-Moreno et al., 2006)	https://www.who.int/gender/violence/who_multicountry_study/media_corner/Prevalence_intimatepartner_WHOStudy.pdf	No
WSM 2018	15-49	18	No	WHO VAW 2018	https://www.who.int/publications/i/item/9789240022256	No
WSM 2020	15-49	22	Yes	The Samoa Family Health and Safety Study	https://unstats.un.org/sdgs/indicators/database/	No
XKX 2018	15-49	5	No	WHO VAW 2018	https://www.who.int/publications/i/item/9789240022256	No
ZAF 2016	15-49	8.5	No	DHS	https://dhsprogram.com/	No
ZAF 2018	15-49	13	No	WHO VAW 2018	https://www.who.int/publications/i/item/9789240022256	No
ZMB 2007	15-49	43	No	DHS	https://dhsprogram.com/	No
ZMB 2014	15-49	26.7	Yes	DHS	https://unstats.un.org/sdgs/indicators/database/	No
ZMB 2018	15-49	25.3	No	DHS	https://dhsprogram.com/	No
ZWE 2006	15-49	30.5	No	DHS	https://dhsprogram.com/	No
ZWE 2011	15-49	27.2	No	DHS	https://dhsprogram.com/	No
ZWE 2015	15-49	19.9	Yes	DHS	https://unstats.un.org/sdgs/indicators/database/	No
ZWE 2018	15-49	18	No	WHO VAW 2018	https://www.who.int/publications/i/item/9789240022256	No
ZWE 2019	15-49	18.7	No	MICS	http://mics.unicef.org/surveys	No

**Appendix C. Table A3: Total sample in the main macro analysis and sensitivity analysis
(analytical sample shown with sensitivity analysis sample in brackets)**

Country	LCA analyses N = 5,732 (N = 1,451)		IPV analyses N = 3,175 (N = 134)	
	Number of country-years	Year range	Number of country-years	Year range
Afghanistan	31 (4)	1990-2020 (1995-2015)	16 (1)	2005-2020 (2015-2015)
Angola	31 (9)	1990-2020 (1990-2016)	15 (1)	2006-2020 (2016-2016)
Albania	31 (7)	1990-2020 (1995-2018)	13 (1)	2008-2020 (2018-2018)
United Arab Emirates	31 (7)	1990-2020 (1990-2017)	0 (0)	- (-)
Argentina	31 (11)	1990-2020 (1990-2018)	16 (2)	2005-2020 (2015-2018)
Armenia	31 (8)	1990-2020 (1990-2016)	15 (1)	2006-2020 (2016-2016)
Antigua and Barbuda	31 (6)	1990-2020 (1990-2015)	0 (0)	- (-)
Australia	31 (8)	1990-2020 (1990-2018)	28 (1)	1993-2020 (2018-2018)
Austria	31 (6)	1990-2020 (1990-2015)	19 (0)	2002-2020 (-)
Azerbaijan	31 (7)	1990-2020 (1990-2015)	25 (0)	1996-2020 (-)
Burundi	31 (12)	1990-2020 (1990-2017)	14 (1)	2007-2020 (2017-2017)
Belgium	31 (6)	1990-2020 (1990-2015)	19 (0)	2002-2020 (-)
Benin	31 (11)	1990-2020 (1990-2018)	13 (1)	2008-2020 (2018-2018)
Burkina Faso	31 (13)	1990-2020 (1990-2017)	20 (1)	2001-2020 (2011-2011)
Bangladesh	31 (13)	1990-2020 (1990-2018)	28 (2)	1993-2020 (2015-2018)
Bulgaria	31 (6)	1990-2020 (1990-2015)	19 (0)	2002-2020 (-)
Bahrain	31 (6)	1990-2020 (1990-2015)	0 (0)	- (-)
Bahamas, The	31 (6)	1990-2020 (1990-2015)	0 (0)	- (-)
Bosnia and Herzegovina	31 (6)	1990-2020 (1995-2015)	13 (0)	2008-2020 (-)
Belarus	31 (8)	1990-2020 (1990-2015)	13 (0)	2008-2020 (-)
Belize	31 (6)	1990-2020 (1990-2015)	13 (0)	2008-2020 (-)
Bolivia	31 (11)	1990-2020 (1990-2017)	23 (1)	1998-2020 (2016-2016)
Brazil	31 (13)	1990-2020 (1990-2018)	28 (2)	1993-2020 (2003-2018)
Barbados	31 (6)	1990-2020 (1990-2015)	0 (0)	- (-)
Brunei Darussalam	31 (6)	1990-2020 (1990-2015)	0 (0)	- (-)
Bhutan	31 (6)	1990-2020 (1990-2015)	14 (0)	2007-2020 (-)
Botswana	31 (9)	1990-2020 (1990-2015)	13 (0)	2008-2020 (-)
Central African Republic	31 (8)	1990-2020 (1990-2016)	25 (0)	1996-2020 (-)
Canada	31 (7)	1990-2020 (1990-2015)	31 (0)	1990-2020 (-)
Switzerland	31 (6)	1990-2020 (1990-2015)	28 (0)	1993-2020 (-)
Chile	31 (11)	1990-2020 (1990-2018)	13 (1)	2008-2020 (2018-2018)
China	31 (8)	1990-2020 (1990-2018)	18 (2)	2003-2020 (2013-2018)
Côte d'Ivoire	31 (9)	1990-2020 (1990-2016)	19 (0)	2002-2020 (-)
Cameroon	31 (10)	1990-2020 (1990-2015)	27 (2)	1994-2020 (2011-2014)
Democratic Republic of the Congo	31 (9)	1990-2020 (1990-2015)	24 (1)	1997-2020 (2014-2014)
Congo, Rep.	31 (7)	1990-2020 (1990-2015)	0 (0)	- (-)
Colombia	31 (10)	1990-2020 (1990-2018)	26 (3)	1995-2020 (2005-2018)
Comoros	31 (6)	1990-2020 (1990-2015)	19 (0)	2002-2020 (-)
Cape Verde	31 (6)	1990-2020 (1990-2015)	26 (1)	1995-2020 (2005-2005)
Costa Rica	31 (10)	1990-2020 (1990-2018)	28 (1)	1993-2020 (2018-2018)
Cuba	29 (5)	1992-2020 (1995-2015)	13 (0)	2008-2020 (-)
Cyprus	31 (8)	1990-2020 (1990-2015)	19 (0)	2002-2020 (-)
Czech Republic	31 (5)	1990-2020 (1995-2015)	28 (0)	1993-2020 (-)
Germany	31 (7)	1990-2020 (1990-2015)	19 (0)	2002-2020 (-)
Djibouti	31 (6)	1990-2020 (1990-2015)	0 (0)	- (-)
Dominica	10 (1)	2011-2020 (2015-2015)	0 (0)	- (-)
Denmark	31 (6)	1990-2020 (1990-2015)	28 (0)	1993-2020 (-)
Dominican Republic	31 (11)	1990-2020 (1990-2018)	29 (2)	1992-2020 (2013-2018)
Algeria	31 (10)	1990-2020 (1990-2015)	0 (0)	- (-)
Ecuador	31 (9)	1990-2020 (1990-2018)	27 (1)	1994-2020 (2018-2018)
Egypt	31 (11)	1990-2020 (1990-2018)	26 (3)	1995-2020 (2005-2018)
Eritrea	31 (5)	1990-2020 (1995-2015)	0 (0)	- (-)
Spain	31 (7)	1990-2020 (1990-2015)	19 (0)	2002-2020 (-)
Estonia	31 (7)	1990-2020 (1990-2015)	19 (0)	2002-2020 (-)
Ethiopia	31 (10)	1990-2020 (1990-2016)	28 (1)	1993-2020 (2016-2016)
Finland	31 (6)	1990-2020 (1990-2015)	19 (0)	2002-2020 (-)
Fiji	31 (6)	1990-2020 (1990-2015)	20 (0)	2001-2020 (-)
France	31 (6)	1990-2020 (1990-2015)	31 (1)	1990-2020 (2000-2000)
Micronesia (Federated States of)	31 (6)	1990-2020 (1990-2015)	17 (0)	2004-2020 (-)
Gabon	31 (9)	1990-2020 (1990-2017)	19 (1)	2002-2020 (2012-2012)
United Kingdom	31 (6)	1990-2020 (1990-2015)	26 (1)	1995-2020 (2005-2005)
Georgia	31 (10)	1990-2020 (1990-2018)	26 (2)	1995-2020 (2005-2018)
Ghana	31 (14)	1990-2020 (1990-2017)	23 (1)	1998-2020 (2008-2008)
Guinea	31 (7)	1990-2020 (1990-2015)	13 (0)	2008-2020 (-)
Gambia	31 (8)	1990-2020 (1990-2015)	18 (1)	2003-2020 (2013-2013)
Guinea-Bissau	31 (7)	1990-2020 (1990-2015)	0 (0)	- (-)
Equatorial Guinea	31 (6)	1990-2020 (1990-2015)	20 (0)	2001-2020 (-)

Greece	31 (7)	1990-2020 (1990-2017)	19 (0)	2002-2020 (-)
Grenada	31 (6)	1990-2020 (1990-2015)	13 (0)	2008-2020 (-)
Guatemala	31 (7)	1990-2020 (1990-2015)	22 (2)	1999-2020 (2009-2015)
Guyana	31 (6)	1990-2020 (1990-2015)	13 (0)	2008-2020 (-)
Hong Kong SAR, China	7 (0)	2014-2020 (-)	7 (0)	2014-2020 (-)
Honduras	31 (9)	1990-2020 (1990-2018)	25 (2)	1996-2020 (2012-2018)
Croatia	31 (5)	1990-2020 (1995-2015)	19 (0)	2002-2020 (-)
Haiti	31 (7)	1990-2020 (1990-2016)	31 (1)	1990-2020 (2000-2000)
Hungary	31 (6)	1990-2020 (1990-2015)	19 (0)	2002-2020 (-)
Indonesia	31 (12)	1990-2020 (1990-2018)	13 (1)	2008-2020 (2018-2018)
India	31 (11)	1990-2020 (1990-2017)	25 (2)	1996-2020 (2006-2016)
Ireland	31 (6)	1990-2020 (1990-2015)	19 (0)	2002-2020 (-)
Iran (Islamic Republic of)	31 (6)	1990-2020 (1990-2015)	13 (0)	2008-2020 (-)
Iraq	31 (8)	1990-2020 (1990-2018)	0 (0)	- (-)
Iceland	31 (6)	1990-2020 (1990-2015)	23 (0)	1998-2020 (-)
Israel	31 (7)	1990-2020 (1990-2016)	13 (0)	2008-2020 (-)
Italy	31 (6)	1990-2020 (1990-2015)	25 (0)	1996-2020 (-)
Jamaica	31 (7)	1990-2020 (1990-2015)	22 (1)	1999-2020 (2009-2009)
Jordan	31 (10)	1990-2020 (1990-2018)	24 (2)	1997-2020 (2012-2018)
Japan	31 (6)	1990-2020 (1990-2015)	28 (0)	1993-2020 (-)
Kazakhstan	31 (10)	1990-2020 (1990-2018)	20 (3)	2001-2020 (2011-2018)
Kenya	31 (13)	1990-2020 (1990-2017)	28 (2)	1993-2020 (2009-2014)
Kyrgyz Republic	31 (9)	1990-2020 (1990-2018)	19 (2)	2002-2020 (2012-2018)
Cambodia	31 (8)	1990-2020 (1995-2015)	31 (4)	1990-2020 (2000-2014)
Kiribati	31 (6)	1990-2020 (1990-2015)	23 (0)	1998-2020 (-)
South Korea	31 (7)	1990-2020 (1990-2018)	13 (1)	2008-2020 (2018-2018)
Kuwait	31 (5)	1990-2020 (1995-2015)	0 (0)	- (-)
Lao People's Democratic Republic	31 (7)	1990-2020 (1990-2017)	17 (0)	2004-2020 (-)
Lebanon	31 (8)	1990-2020 (1990-2018)	0 (0)	- (-)
Liberia	29 (7)	1992-2020 (1995-2015)	24 (1)	1997-2020 (2007-2007)
Libya	31 (7)	1990-2020 (1995-2015)	0 (0)	- (-)
St. Lucia	31 (6)	1990-2020 (1990-2015)	0 (0)	- (-)
Sri Lanka	31 (12)	1990-2020 (1990-2017)	18 (1)	2003-2020 (2013-2013)
Lesotho	31 (11)	1990-2020 (1990-2018)	13 (1)	2008-2020 (2018-2018)
Lithuania	31 (6)	1990-2020 (1990-2015)	19 (0)	2002-2020 (-)
Luxembourg	31 (6)	1990-2020 (1990-2015)	19 (0)	2002-2020 (-)
Latvia	31 (5)	1990-2020 (1995-2015)	19 (0)	2002-2020 (-)
Morocco	31 (11)	1990-2020 (1990-2015)	21 (1)	2000-2020 (2010-2010)
Republic of Moldova	31 (8)	1990-2020 (1990-2015)	26 (1)	1995-2020 (2005-2005)
Madagascar	31 (7)	1990-2020 (1990-2015)	13 (0)	2008-2020 (-)
Maldives	31 (6)	1990-2020 (1990-2015)	25 (0)	1996-2020 (-)
Mexico	31 (8)	1990-2020 (1990-2018)	15 (1)	2006-2020 (2018-2018)
Marshall Islands	13 (0)	2008-2020 (-)	13 (0)	2008-2020 (-)
North Macedonia	31 (5)	1990-2020 (1995-2015)	13 (0)	2008-2020 (-)
Mali	31 (10)	1990-2020 (1990-2018)	25 (1)	1996-2020 (2018-2018)
Malta	31 (6)	1990-2020 (1990-2015)	21 (1)	2000-2020 (2010-2010)
Myanmar	31 (12)	1990-2020 (1990-2017)	15 (1)	2006-2020 (2016-2016)
Montenegro	21 (4)	2000-2020 (2005-2018)	13 (1)	2008-2020 (2018-2018)
Mongolia	31 (6)	1990-2020 (1995-2018)	14 (1)	2007-2020 (2018-2018)
Mozambique	31 (10)	1990-2020 (1990-2015)	27 (2)	1994-2020 (2011-2015)
Mauritania	31 (6)	1990-2020 (1990-2015)	0 (0)	- (-)
Mauritius	31 (6)	1990-2020 (1990-2015)	0 (0)	- (-)
Malawi	31 (11)	1990-2020 (1990-2016)	27 (3)	1994-2020 (2004-2016)
Malaysia	31 (10)	1990-2020 (1990-2018)	0 (0)	- (-)
Namibia	31 (11)	1990-2020 (1990-2015)	28 (2)	1993-2020 (2003-2013)
Niger	31 (10)	1990-2020 (1990-2015)	13 (0)	2008-2020 (-)
Nigeria	31 (10)	1990-2020 (1990-2018)	23 (3)	1998-2020 (2008-2018)
Nicaragua	31 (6)	1990-2020 (1990-2015)	24 (0)	1997-2020 (-)
Netherlands	31 (7)	1990-2020 (1990-2015)	19 (1)	2002-2020 (2012-2012)
Norway	31 (6)	1990-2020 (1990-2015)	23 (0)	1998-2020 (-)
Nepal	31 (9)	1990-2020 (1990-2016)	20 (2)	2001-2020 (2011-2016)
New Zealand	31 (7)	1990-2020 (1990-2015)	29 (0)	1992-2020 (-)
Oman	31 (5)	1990-2020 (1995-2015)	0 (0)	- (-)
Pakistan	31 (13)	1990-2020 (1990-2018)	13 (1)	2008-2020 (2018-2018)
Panama	31 (8)	1990-2020 (1990-2015)	22 (0)	1999-2020 (-)
Peru	31 (13)	1990-2020 (1990-2018)	28 (9)	1993-2020 (2010-2018)
Philippines	31 (9)	1990-2020 (1990-2017)	26 (2)	1995-2020 (2005-2017)
Papua New Guinea	31 (6)	1990-2020 (1990-2015)	18 (0)	2003-2020 (-)
Poland	31 (7)	1990-2020 (1990-2015)	27 (1)	1994-2020 (2012-2012)
Puerto Rico	31 (6)	1990-2020 (1990-2015)	0 (0)	- (-)
Korea, Dem. People's Rep.	11 (0)	2010-2020 (-)	0 (0)	- (-)
Portugal	31 (6)	1990-2020 (1990-2015)	19 (0)	2002-2020 (-)
Paraguay	31 (10)	1990-2020 (1990-2018)	23 (2)	1998-2020 (2008-2018)
Occupied Palestinian territory	31 (5)	1990-2020 (1995-2015)	13 (0)	2008-2020 (-)
Qatar	31 (7)	1990-2020 (1990-2015)	0 (0)	- (-)

Romania	31 (8)	1990-2020 (1990-2018)	19 (2)	2002-2020 (2012-2018)
Russia	31 (8)	1990-2020 (1990-2017)	0 (0)	- (-)
Rwanda	31 (12)	1990-2020 (1990-2016)	26 (3)	1995-2020 (2005-2015)
Saudi Arabia	31 (5)	1990-2020 (1995-2015)	0 (0)	- (-)
Sudan	31 (10)	1990-2020 (1990-2015)	13 (0)	2008-2020 (-)
Senegal	31 (12)	1990-2020 (1990-2017)	14 (1)	2007-2020 (2017-2017)
Singapore	31 (7)	1990-2020 (1990-2015)	22 (0)	1999-2020 (-)
Solomon Islands	31 (6)	1990-2020 (1990-2015)	23 (0)	1998-2020 (-)
Sierra Leone	31 (10)	1990-2020 (1990-2017)	18 (1)	2003-2020 (2013-2013)
El Salvador	31 (12)	1990-2020 (1990-2018)	23 (3)	1998-2020 (2008-2018)
Somalia	31 (6)	1990-2020 (1990-2015)	0 (0)	- (-)
Serbia	31 (6)	1990-2020 (1995-2017)	28 (0)	1993-2020 (-)
South Sudan	13 (2)	2008-2020 (2010-2015)	13 (0)	2008-2020 (-)
São Tomé and Principe	31 (6)	1990-2020 (1990-2015)	22 (0)	1999-2020 (-)
Suriname	31 (6)	1990-2020 (1990-2015)	13 (0)	2008-2020 (-)
Slovak Republic	31 (6)	1990-2020 (1990-2015)	23 (0)	1998-2020 (-)
Slovenia	31 (7)	1990-2020 (1990-2015)	19 (0)	2002-2020 (-)
Sweden	31 (7)	1990-2020 (1990-2015)	19 (0)	2002-2020 (-)
Eswatini	31 (10)	1990-2020 (1990-2016)	13 (0)	2008-2020 (-)
Seychelles	31 (6)	1990-2020 (1990-2015)	0 (0)	- (-)
Syrian Arab Republic	31 (6)	1990-2020 (1990-2015)	0 (0)	- (-)
Chad	31 (6)	1990-2020 (1990-2015)	16 (1)	2005-2020 (2015-2015)
Togo	31 (8)	1990-2020 (1990-2017)	17 (0)	2004-2020 (-)
Thailand	31 (14)	1990-2020 (1990-2018)	28 (1)	1993-2020 (2018-2018)
Tajikistan	31 (6)	1990-2020 (1990-2015)	19 (0)	2002-2020 (-)
Turkmenistan	31 (5)	1990-2020 (1995-2015)	0 (0)	- (-)
Timor-Leste	31 (5)	1990-2020 (1995-2015)	21 (1)	2000-2020 (2010-2010)
Tonga	31 (7)	1990-2020 (1990-2015)	22 (0)	1999-2020 (-)
Trinidad and Tobago	31 (6)	1990-2020 (1990-2015)	14 (0)	2007-2020 (-)
Tunisia	31 (9)	1990-2020 (1990-2018)	13 (1)	2008-2020 (2018-2018)
Turkey	31 (9)	1990-2020 (1990-2018)	23 (1)	1998-2020 (2018-2018)
Taiwan, China	16 (0)	2005-2020 (-)	0 (0)	- (-)
United Republic of Tanzania	31 (13)	1990-2020 (1990-2017)	28 (3)	1993-2020 (2003-2016)
Uganda	31 (13)	1990-2020 (1990-2017)	25 (3)	1996-2020 (2006-2016)
Ukraine	31 (9)	1990-2020 (1990-2015)	24 (0)	1997-2020 (-)
Uruguay	31 (10)	1990-2020 (1990-2018)	18 (2)	2003-2020 (2013-2018)
United States of America	31 (9)	1990-2020 (1990-2017)	31 (1)	1990-2020 (2000-2000)
Uzbekistan	31 (6)	1990-2020 (1990-2015)	0 (0)	- (-)
St. Vincent and the Grenadines	31 (6)	1990-2020 (1990-2015)	0 (0)	- (-)
Venezuela	31 (6)	1990-2020 (1990-2015)	13 (0)	2008-2020 (-)
Virgin Islands (U.S.)	3 (0)	2018-2020 (-)	0 (0)	- (-)
Vietnam	31 (11)	1990-2020 (1990-2016)	21 (1)	2000-2020 (2010-2010)
Vanuatu	31 (6)	1990-2020 (1990-2015)	22 (0)	1999-2020 (-)
Samoa	31 (6)	1990-2020 (1990-2015)	28 (0)	1993-2020 (-)
Yemen, Rep.	31 (6)	1990-2020 (1990-2015)	0 (0)	- (-)
South Africa	31 (14)	1990-2020 (1990-2017)	15 (1)	2006-2020 (2016-2016)
Zambia	31 (11)	1990-2020 (1990-2018)	24 (3)	1997-2020 (2007-2018)
Zimbabwe	31 (11)	1990-2020 (1990-2017)	25 (3)	1996-2020 (2006-2015)

Appendix D. Example Stata gsem syntax

```

gsem (conf25 i_natdis_sev5 colever i_unwntnei_high2 <-, logit) ///
(i_lngdp i_gini i_lnhomi <- ) ///
(i_gii <-, family(beta) link(logit)) ///
(C <- c.yr), ///
lclass (C 3) startvalues(randompr, draws(200) seed (10)) ///
vce(cluster geocode) ///
covstructure(e_.OEn, unstructured) ///
lconvariant(none) ///
nodvheader

```

NB: i_ prefix indicates variable is partially imputed (i.e. we forward filled gaps in estimates with existing data).

Appendix E. Table A4: LCA Goodness of Fit and Class Separation Statistics

k	LL	df	AIC	BIC	SSBIC	E	LMR LT (k vs k-1)			Class 1			Class 2			Class 3			Class 4			Class 5		
							Test stat.	P	n	AvePP	Prop.	OCC	n	AvePP	Prop.	OCC	n	AvePP	Prop.	OCC	n	AvePP	Prop.	OCC
1	-43105	15	86240	86340	86303	.	.	.	.	1.00	1.00	.	.	.	.	.	.	.	.	.	.	.	.	.
2	-40157	32	80378	80591	80501	0.88	5677	<0.001	4,327	0.98	0.75	13.10	1,405	0.94	0.25	43.81	.	.	.	.	.	.	.	.
3	-39070	49	78238	78564	78419	0.77	2094	<0.001	1,386	0.93	0.24	43.58	2,262	0.90	0.40	13.89	2,084	0.86	0.36	10.78	.	.	.	.
4	-38593	64	77314	77740	77558	0.78	919	<0.001	2,214	0.90	0.38	14.60	1,361	0.87	0.23	22.94	1,177	0.91	0.20	39.00	980	0.81	0.18	18.71
5	-38286	81	76735	77274	77038	0.79	591	<0.001	1,365	0.87	0.24	22.08	753	0.84	0.13	35.41	2,253	0.90	0.39	13.95	882	0.81	0.16	21.56

N = 5,732 country-years. K: number of classes in latent class model. Lower AIC (Akaike Information Criterion) and BIC (Bayesian Information Criterion) values indicate better model fit (SSBIC: Sample size adjusted BIC); the lowest values are highlighted in bold. Entropy values approaching 1 indicate clear delineation of classes, whilst entropy values less than 0.8 are problematic if most likely class membership is used as a variable in further analysis; entropy values less than 0.8 are highlighted in yellow, and highest entropy value highlighted in bold. LMR LT: Lo-Mendell-Rubin Likelihood Ratio Test of k – 1 classes against k classes, where a significant result thereby indicates that the null hypothesis of k – 1 classes should be rejected in favour of at least k classes. AvePP (Average Posterior Probability) should be at least 0.7 for all classes and is so in all models, and highest AvePPs are highlighted in bold. Larger values of Odds of Correct Classification (OCC) indicate better assignment accuracy and an OCC greater than 5 for all classes is indicative that the model has high assignment accuracy (the case here for all models), highest OCCs shown in bold. Models adjusted for the effect of time and clustering at the country level. Models with 1-5 classes all converged successfully. However, the 4 and 5 class models needed some parameters constrained as probabilities were very close to 0 or 1 (conflict was constrained to 15 in Class 2 in the 5 class model and Class 1 in the 4 class model and social discrimination to -15 in Class 3 in the 5 class model and Class 2 in the 4 class model) (Ng, 2018b; Ng & Schechter, 2017).

Appendix F. Data acknowledgements

Many thanks to the various statistical agencies from around the world involved in producing the original data, including those listed in the table below:

Argentina	National Institute of Statistics and Censuses
Armenia	National Statistical Service
Austria	National Bureau of Statistics
Bangladesh	Bureau of Statistics
Belarus	Ministry of Statistics and Analysis
Benin	National Institute of Statistics and Economic Analysis
Bolivia	National Institute of Statistics
Botswana	Central Statistics Office
Brazil	Institute of Geography and Statistics
Burkina Faso	National Institute of Statistics and Demography
Cambodia	National Institute of Statistics
Cameroon	Central Bureau of Census and Population Studies
Canada	Statistics Canada
Chile	National Institute of Statistics
China	National Bureau of Statistics
Colombia	National Administrative Department of Statistics
Costa Rica	National Institute of Statistics and Censuses
Cuba	Office of National Statistics
Dominican Republic	National Statistics Office
Ecuador	National Institute of Statistics and Censuses
Egypt	Central Agency for Public Mobilization and Statistics
El Salvador	General Directorate of Statistics and Censuses
Ethiopia	Central Statistical Agency
Fiji Islands	Bureau of Statistics
France	National Institute of Statistics and Economic Studies
Germany	Federal Statistical Office
Ghana	Ghana Statistical Services
Greece	National Statistical Office
Guatemala	National Institute of Statistics
Guinea	National Statistics Directorate
Haiti	Institute of Statistics and Informatics
Honduras	National Institute of Statistics
Hungary	Central Statistical Office
India	Ministry of Statistics and Programme Implementation
Indonesia	Statistics Indonesia
Iraq	Central Statistical Office
Ireland	Central Statistics Office
Israel	Central Bureau of Statistics
Italy	National Institute of Statistics
Jamaica	Statistical Institute
Jordan	Department of Statistics
Kenya	National Bureau of Statistics
Kyrgyz Republic	National Statistical Committee
Laos	Statistics Bureau
Lesotho	Bureau of Statistics
Liberia	Institute of Statistics and Geo-Information Systems
Malawi	National Statistical Office
Malaysia	Department of Statistics

Mali	National Directorate of Statistics and Informatics
Mexico	National Institute of Statistics, Geography, and Informatics
Mongolia	National Statistical Office
Morocco	High Commission of Planning
Mozambique	National Institute of Statistics
Nepal	Central Bureau of Statistics
Netherlands	Statistics Netherlands
Nicaragua	National Institute of Statistics and Censuses
Nigeria	National Bureau of Statistics
Pakistan	Statistics Division
Palestine	Central Bureau of Statistics
Panama	Census and Statistics Directorate
Papua New Guinea	National Statistical Office
Paraguay	General Directorate of Statistics, Surveys, and Censuses
Peru	National Institute of Statistics and Informatics
Philippines	National Statistics Office
Poland	Central Statistical Office
Portugal	National Institute of Statistics
Puerto Rico	U.S. Bureau of the Census
