

Variable Name	Short Variable Description	Variable_descriptions	Source Extracted from	Cited Original Source	Theory Selected?
AIDS_death	Number of AIDS-related deaths		UNAIDS	UNAIDS	N
AIDS_Orph	AIDS orphans (0-17)		UNAIDS	UNAIDS	Y
Armedconf	Is there the presence of any type of armed conflict? Coded as a dummy variable (i.e., 1 for armed conflict, 0 for no armed conflict).		Silverman and Landman (2019)	Uppsala Conflict Data Project (UCDP)	Y
ATMs	Automated teller machines (per 100,000)		UN's SDGs dataset (2018)	IMF Financial Access Survey (2015)	Y
Battle_deaths	Battle-related deaths (log of battle related deaths plus 1)		Early Warning Project	Peace Research Institute Oslo (PRI) and Uppsala Conflict Data Program (UCDP)	N
Broadband	Mobile broadband subscriptions (per 100)		UN's SDGs dataset (2018)	ITU (2015)	Y
Cereal_yield	Cereal yield (t/ha)		UN's SDGs dataset (2018)	FAO (2015)	N
Child_lab	Child labor (%)		UN's SDGs dataset (2018)	UNICEF (2015)	Y
Climate_chg_vuln	Climate change vulnerability (0-1)		UN's SDGs dataset (2018)	The Hague Center for Strategic Studies (2014)	Y
Co2_energy_pc	CO2 emissions from energy (tCO2/capita)		UN's SDGs dataset (2018)	Ridge National Laboratory (2012)	N
Co2_fuel	CO2 from fuels & electricity (tCO2/TWh)		UN's SDGs dataset (2018)	IEA (2015)	N
CPI	Corruption Perception Index (0-100)		UN's SDGs dataset (2018)	Transparency International (2015)	Y
Democ	Polity type: Democracy		Varieties of Democracy (V-DEM)	Center for Systemic Peace, Polity IV Dataset; Transformed by EWP	Y
Econ_right_F	Women's Economic Rights (0-3)		The Cingranelli-Richards (CIRI) Human Rights Dataset	The Cingranelli-Richards (CIRI) Human Rights Dataset	N
Electric_acc	Access to electricity (%)		UN's SDGs dataset (2018)	World Bank (2016)	N
Ethnic fract	Ethnic fractionalization: Measures ethnic heterogeneity		Varieties of Democracy (V-DEM)	Anderson's Ethnic Fractionalization Data	N
Extrajud_kill	Extrajudicial Killing by government officials without due process of law (0-2)		The Cingranelli-Richards (CIRI) Human Rights Dataset	The Cingranelli-Richards (CIRI) Human Rights Dataset	N
F_parlant	Women in national parliaments (%)		UN's SDGs dataset (2018)	IPU (2015)	N
F_school	Female years of schooling (% male)		UN's SDGs dataset (2018)	UNDP (2016)	Y
FDI	Foreign direct investment		Silverman and Landman (2019)	World Bank World Development Indicators (2018)	N
Fish_overexploit	Fish stocks overexploited or collapsed (%)		UN's SDGs dataset (2018)	Hsu et al. (2016) / Sea Around Us (n.d.)	N
Forest_change	Annual change in forest area (%)		UN's SDGs dataset (2018)	Hsu et al. (2016) / YCELP & CIESIN (n.d.)	N
Free_assem	Freedom of Assembly and Association. Freedom to associate with other persons in political parties, trade unions, cultural organizations, or other special-interest groups (0-2).		The Cingranelli-Richards (CIRI) Human Rights Dataset	The Cingranelli-Richards (CIRI) Human Rights Dataset	N
Free_discuss	Freedom of discussion: Are citizens able to openly discuss political issues in private homes and in public spaces?		Varieties of Democracy (V-DEM)	Varieties of Democracy (V-DEM)	Y
Free_polit	Electoral Self-Determination. Freedom to associate with other persons in political parties, trade unions, cultural organizations, or other special-interest groups (0-2).		The Cingranelli-Richards (CIRI) Human Rights Dataset	The Cingranelli-Richards (CIRI) Human Rights Dataset	N
Free_speech	Freedom of Speech: The extent to which freedoms of speech and press are affected by government censorship, including ownership of media outlets (0-2).		The Cingranelli-Richards (CIRI) Human Rights Dataset	The Cingranelli-Richards (CIRI) Human Rights Dataset	N
Freemv_dom	Freedom of Domestic Movement. This variable indicates citizens' freedom to travel within their own country (0-2).		The Cingranelli-Richards (CIRI) Human Rights Dataset	The Cingranelli-Richards (CIRI) Human Rights Dataset	N
Freemv_F	Freedom of movement for women: Are all women able to move freely, in daytime and nighttime, in public thoroughfares, across regions within a country, and to establish permanent residency where they wish?		Varieties of Democracy (V-DEM)	Varieties of Democracy (V-DEM)	Y
Freemv_foreign	Freedom of Foreign Movement. This variable indicates citizens' freedom to leave and return to their country (0-2).		The Cingranelli-Richards (CIRI) Human Rights Dataset	The Cingranelli-Richards (CIRI) Human Rights Dataset	N
Freemv_M	Freedom of movement for men: Are all men able to move freely, in daytime and nighttime, in public thoroughfares, across regions within a country, and to establish permanent residency where they wish?		Varieties of Democracy (V-DEM)	Varieties of Democracy (V-DEM)	Y
Freshwater	Freshwater withdrawal (%)		UN's SDGs dataset (2018)	FAO (2015)	N
Fuel_acc	Access to non-solid fuels (%)		UN's SDGs dataset (2018)	SE4All (2016)	N
GDPp	Gross development product per capita		Silverman and Landman (2019)	World Bank World Development Indicators (2018)	Y
GDPpc_growth	Annual % change in GDP per capita		Varieties of Democracy (V-DEM)	World Bank World Development Indicators (2018)	N
Gender_equal	Government framework for gender equality		Woman Stats Project	Woman Stats Project	Y
Gov_efficien	Government efficiency (1-7)		UN's SDGs dataset (2018)	WEF (2015)	N
Growth_rate	Adjusted growth rate (%)		UN's SDGs dataset (2018)	OECD (2016)	N
Homicides	Homicides (per 100,000)		UN's SDGs dataset (2018)	UNODC (2014)	N
Indep_judic	Independence of the Judiciary. Indicates the extent to which the judiciary is independent of control from other sources, such as another branch of the government or the military (0-2).		The Cingranelli-Richards (CIRI) Human Rights Dataset	The Cingranelli-Richards (CIRI) Human Rights Dataset	N
Inequality	Gini Index (0-100)		UN's SDGs dataset (2018)	World Bank (2016), OECD (2016)	N
Infant_mort	Under 5 mortality (per 1000 live births)		UN's SDGs dataset (2018)	World Bank (2016)	N
Infant_vaccines	Infants who receive 2 WHO vaccines (%)		UN's SDGs dataset (2018)	WHO and UNICEF (2016)	N
Infrastruct	Quality of overall infrastructure (1-7)		UN's SDGs dataset (2018)	WEF (2015)	Y
Internet_use	Internet use (%)		UN's SDGs dataset (2018)	ITU (2015)	Y
KOF_Global	KOF Globalisation Score		Silverman and Landman (2019)	Gygli et al. (2019)	Y
Lack_contraceptio	Unmet demand for contraceptives (%)		UN's SDGs dataset (2018)	WHO (2016a)	N
Life_expect	Healthy life expectancy at birth (years)		UN's SDGs dataset (2018)	WHO (2016a)	N
Literacy_15_24yrs	Literacy rate of 15-24 year olds (%)		UN's SDGs dataset (2018)	UNESCO (2016)	Y
M_school	Female labor force participation (% male)		UN's SDGs dataset (2018)	ILO (2016)	N
Masskill_ever	Any mass killing ever		Early Warning Project	Early Warning Project	N
Masskill_ongo	Any ongoing mass killing		Early Warning Project	Early Warning Project	N
Maternal_mort	Maternal mortality (per 100,000 live births)		UN's SDGs dataset (2018)	WHO et al. (2015)	Y
Minority_rule	Minority control: Does a minority control political rule?		Early Warning Project	Political Instability Task Force (PITF)	Y
Neonatal_mort	Neonatal mortality (per 1000 live births)		UN's SDGs dataset (2018)	WHO et al. (2015)	Y
Ocean_biodiv	Ocean Health Index - Biodiversity (0-100)		UN's SDGs dataset (2018)	Ocean Health Index (2015)	N
Ocean_clean	Ocean Health Index - Clean waters (0-100)		UN's SDGs dataset (2018)	Ocean Health Index (2015)	N
Ocean_fisheries	Ocean Health Index - Fisheries (0-100)		UN's SDGs dataset (2018)	Ocean Health Index (2015)	N
Ocean_protect	Marine sites completely protected (%)		UN's SDGs dataset (2018)	BirdLife International, IUCN and UNEP-WCMC (2016)	N
Party_ban	Party ban: Are any parties banned?		Varieties of Democracy (V-DEM)	Varieties of Democracy (V-DEM)	N
Phys_secF	The physical security of women		Woman Stats Project	Woman Stats Project	Y
Physrights_idx	Physical Integrity Rights Index. An additive index constructed from the Torture, Extrajudicial Killing, Political Imprisonment, and Disappearance indicators (0-8).		The Cingranelli-Richards (CIRI) Human Rights Dataset	The Cingranelli-Richards (CIRI) Human Rights Dataset	N
Piped_water	Improved water source, piped (%)		UN's SDGs dataset (2018)	WHO & UNICEF (2016)	N
Pol_cand_restr	Restrictions on candidates: Are all groups (ethnicity, race, religion, or language) allowed to run for political positions?		Varieties of Democracy (V-DEM)	Varieties of Democracy (V-DEM)	N
Pol_impris	Political Imprisonment: Incarceration of people by government officials because of: speech; opposition to government; religious beliefs; or their membership in a group (0-2).		The Cingranelli-Richards (CIRI) Human Rights Dataset	The Cingranelli-Richards (CIRI) Human Rights Dataset	N
Pol_right_F	Women's Political Rights. Women's political rights include a number of internationally recognized rights (0-3).		The Cingranelli-Richards (CIRI) Human Rights Dataset	The Cingranelli-Richards (CIRI) Human Rights Dataset	N
Pol_terror	A mean of Physical Integrity Rights - Political Terror Scale (Amnesty) and Physical Integrity Rights - Political Terror Scale (US State Department)		Silverman and Landman (2019)	Political Terror Scale (Amnesty) and Political Terror Scale (US State Department)	N
Polkill_aprvd	Do political killings occur? Political killings are killings by the state or its agents without due process of law for the purpose of eliminating political opponents. These killings are the result of deliberate use of lethal force.		Varieties of Democracy (V-DEM)	Varieties of Democracy (V-DEM)	N
Polrights_idx	Empowerment Rights Index. An additive index constructed from the Freedom of Movement, Freedom of Speech, Workers' Rights, Political Participation, and Freedom of Religion indicators (0-10).		The Cingranelli-Richards (CIRI) Human Rights Dataset	The Cingranelli-Richards (CIRI) Human Rights Dataset	N
Pop_dens	Population density		The World Bank	The World Bank	N
Poverty	% at \$1.90 a day (poverty headcount ratio)		UN's SDGs dataset (2018)	World Bank (2016)	Y
Primary_school	Net primary school enrolment rate (%)		UN's SDGs dataset (2018)	UNESCO (2016)	N
Prison_pop	Prison population (per 100,000)		UN's SDGs dataset (2018)	ICPS (2014)	N
Property_rights	Property rights (1-7)		UN's SDGs dataset (2018)	WEF (2015)	N
Rape_compl	A multi-faceted scale encompassing both the laws on rape and prevalence		Woman Stats Project	Woman Stats Project	N
Rape_enclave	Whether enclaves of high rape exists such as refugee camps		Woman Stats Project	Woman Stats Project	Y
Rape_prev	The prevalence of rape		Woman Stats Project	Woman Stats Project	N
Rape_report	Taboo and security for women reporting rape		Woman Stats Project	Woman Stats Project	Y
Regist_birth	Registered births (%)		UN's SDGs dataset (2018)	UNICEF (2013)	N
Relig_freeCIRI	Freedom of Religion. The extent to which the freedom of citizens to exercise and practice their religious beliefs is subject to actual government restrictions (0-1).		The Cingranelli-Richards (CIRI) Human Rights Dataset	The Cingranelli-Richards (CIRI) Human Rights Dataset	N
Relig_freeMK	Freedom of religion: Is there freedom of religion?		Varieties of Democracy (V-DEM)	Varieties of Democracy (V-DEM)	N
Rural_population	Rural population		The World Bank	The World Bank	N
Safe_night	Feel safe walking at night (%)		UN's SDGs dataset (2018)	Gallup (2015)	N
Sanitation	Access to improved sanitation (%)		UN's SDGs dataset (2018)	WHO and UNICEF (2016)	N
Sexwrk_condom	Condom use among sex workers		UNAIDS	UNAIDS	Y
Sexwrk_HIV	Percentage of sex workers living with HIV. For the full definition, please see indicator 3.3 in the Global AIDS Monitoring 2019 Guidelines.		UNAIDS	UNAIDS	N
Sexwrk_size	Sex workers: Size estimate		UNAIDS	UNAIDS	N
Sexwrk_Syphilis	Active syphilis among sex workers		UNAIDS	UNAIDS	Y
Soc_powerdist	Power distributed by social group: Is political power distributed according to social groups?		Varieties of Democracy (V-DEM)	Varieties of Democracy (V-DEM); Pemstein et al. (2019, V-Dem Working Paper Series Y)	N
Social_ineq	Inequality in civil liberties by social group: Do some social groups (as distinguished by language, ethnicity, religion, race, region, or caste) have fewer civil liberties than others?		Varieties of Democracy (V-DEM)	Varieties of Democracy (V-DEM)	N
Species_survival	Red List Index of species survival (0-1)		UN's SDGs dataset (2018)	IUCN and BirdLife International (2016)	N
Stunting_u5s	Prevalence of stunting, under- 5s (%)		UN's SDGs dataset (2018)	UNICEF, WHO & WB (2015)	Y
Terrestrial_protect	Terrestrial sites: completely protected (%)		UN's SDGs dataset (2018)	BirdLife International, IUCN and UNEP-WCMC (2016)	N
Torture	Torture by government officials or by private individuals at the instigation of government officials (0-2)		The Cingranelli-Richards (CIRI) Human Rights Dataset	The Cingranelli-Richards (CIRI) Human Rights Dataset	N
Trade_open	Trade openness		Silverman and Landman (2019)	World Bank World Development Indicators (2018)	Y
Trade_openMK	Trade share in combined. Trade openness (log): Trade as percentage of Gross Domestic Product (GDP).		Early Warning Project	World Bank World Development Indicators	N
Treated_waste	Wastewater treated (%)		UN's SDGs dataset (2018)	Malka (2013) & OECD (2015)	N
Tuberculosis	Incidence of tuberculosis (per 100,000)		UN's SDGs dataset (2018)	WHO (2016a)	N
Undernourish	Prevalence of undernourishment (%)		UN's SDGs dataset (2018)	FAO (2015)	Y
Unemploy	Unemployment rate (%)		UN's SDGs dataset (2018)	ILO (2016)	Y
Urban_population	Urban population		The World Bank	The World Bank	N
VDEM_Libdem	Level of liberal democracy 2016.		Silverman and Landman (2019)	Varieties of Democracy Project (V-DEM) (see Coppedge, Lindberg, & Skaaning, 201 N	N
Wasting_u5s	Prevalence of wasting, under- 5s (%)		UN's SDGs dataset (2018)	UNICEF, WHO & WB (2015)	Y
Water_acc	Access to improved water (%)		UN's SDGs dataset (2018)	WHO and UNICEF (2016)	N
Wellbeing	Subjective wellbeing (0-10)		UN's SDGs dataset (2018)	Helliwell et al. (2015)	N
Work_rightCIRI	Workers rights (0-2): a minimum age for the employment of children; and acceptable conditions of work with respect to minimum wages, hours of work, compulsory labour, and occupational safety and health.		Silverman and Landman (2019)	The Cingranelli-Richards (CIRI) Human Rights Dataset	Y
Yrs_of_school	Expected years of schooling (years)		UN's SDGs dataset (2018)	UNESCO (2016)	N