Data Dictionary: Statisitcal Risk Assessment

Early Warning Project

Variable Name	Description	Transformation and Sourcing Notes from EWP	Source
anymk.ongoing	Any ongoing mass killing	0: no mass killing 1: ongoing mass killing	Early Warning Project
anymk.ever	Any mass killing ever	0: never had a mass killing 1: has experienced mass killing	Early Warning Project
reg.afr	Region: Africa	0: not in this region; 1: in this region	US Department of State
reg.eap	Region: East Asia Pacific	0: not in this region; 1: in this region	US Department of State
reg.eur	Region: Europe	0: not in this region; 1: in this region	US Department of State
reg.mna	Region: Middle East/North Africa	0: not in this region; 1: in this region	US Department of State
reg.sca	Region: South and Central Asia	0: not in this region; 1: in this region	US Department of State
countryage.ln	Country age: Years (integer) country has existed (log)		
popsize.ln.combined	Population size (log)	V-DEM (e_mipopula) is initial source. Where missing, filled in with World Development Indicators (SP.POP.TOTL), after rescaling the later to best fit the former via regression. Where still missing, filled in by hand.	Varieties of Democracy (V-DEM) (e_mipopula) and World Bank, World Development Indicators (SP. POP.TOTL)
imr.sqrt	Infant mortality (square root)	Infant mortality per 1000 live births from WDI, square root. As of June 2018, this series still ends in 2015, so carry-forward from there. This variable matched V-DEM's e_peinfmor where both are present, but has lower missingess.	World Bank, World Development Indicators
gdppcgrowth.combined	Annual % change in GDP per capita	V-DEM (e_migdpgro) is initial source. Where missing, filled in with regression-adjusted values from WDI (NY.GDP.MKTP.KD.ZG). Where still missing, filled in by hand.	Varieties of Democracy (V-DEM) (e_migdpgro) and World Bank, World Development Indicators (NY. GDP.MKTP.KD.ZG)
ios.iccpr1	State signatory of First Optional Protocol to the International Covenant on Civil and Political Rights	0: not a signatory; 1: signatory	Ulfelder International Organizations and Treaty Regimes
includesnonstate	A dummy indicator for years in which the data also include non-state led atrocities in the outcome (1989 and after). Used to account for shift in overall probability of an onset due to this.	0: years before 1989; 1: years 1989 and after	N/A
durable.ln	Duration current regime (log)		Center for Systemic Peace, Polity IV Dataset
minorityrule	Minority control: Does a minority control political rule?	0: Majority rule; 1: Minority Rule	Political Instaibility Task Force (PITF)
elf.ethnic	Ethnic fractionalization: Measures ethnic heterogeneity		Anderson's Ethnic Fractionalization Data
battledeaths.ln	Battle-related deaths (log of battle related deaths plus 1)	Uses PRIO battle death data up to its conclusion in 2008. Then uses UCDP data (advance copy) up to 2017.	Peace Research Institute Oslo (PRIO) and Uppsala Conflict Data Program (UCDP)
candidaterestriction	Restrictions on candidates: Are all groups—ethnicity, race, religion, or language—allowed to run for political positions?	0: Candidates are restricted; 1: There are no restrictions	Varieties of Democracy (V-DEM) (v2elrstrct)
partyban	Party ban: Are any parties banned?	0: All parties except the state-sponsored party are banned; 1: Elections are non-partisan or there are no officially recognized parties; 2: Many parties are banned; 3: Only a few parties are banned; 4: No parties are officially banned.	Varieties of Democracy (V-DEM) (v2psparban_ord)
judicialreform	Judicial reform: Were the judiciary's formal powers altered this year in ways that affect its ability to control the arbitrary use of state authority?	0: The judiciary's ability to control arbitrary power was reduced via institutional reform; 1: There was no change to the judiciary's ability to control arbitrary power via institutional review; 2: The judiciary's ability to control arbitrary power was enhanced via institutional reform.	Varieties of Democracy (V-DEM) (v2jureform_ord)
religiousfreedom	Freedom of religion: Is there freedom of religion?	0: Not respected by public authorities. Hardly any freedom of religion exists; 1: Weakly respected by public authorities. Some elements of autonomous organized religious practices exist and are officially recognized; 2: Somewhat respected by public authorities; 3: Mostly respected by public authorities. There are minor restrictions on the freedom of religion, predominantly limited to a few isolated cases; 4: Fully respected by public authorities. The population enjoys the right to practice any religious belief they choose.	Varieties of Democracy (V-DEM) (v2clrelig_ord)

Data Dictionary: Statisitcal Risk Assessment

Early Warning Project

Variable Name	Description	Transformation and Sourcing Notes from EWP	Source
pol_killing_approved	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 by the police, security forces, prison officials, or other agents of the state (including paramilitary groups).	Coded as "1" only if v2clkill_ord equals 0, which means "Political killings are practiced systematically and they are typically incited and approved by top leaders of government."; 0: any other value of v2clkill_ord	Varieties of Democracy (V-DEM) (v2clkill_ord)
freemove_men4	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?	Equal to 1 only when v2cldmovem_ord is equal to 4, meaning "Virtually all men enjoy full freedom of movement."; 0: any other category	Varieties of Democracy (V-DEM) (v2cldmovem_ord)
freemove_women4	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?	Equal to 1 only when v2cldmovew_ord is equal to 4, meaning "Virtually all women enjoy full freedom of movement."; 0: any other category	Varieties of Democracy (V-DEM) (v2cldmovew_ord)
freediscussion	Freedom of discussion: Are citizens able to openly discuss political issues in private homes and in public spaces?	Used in continuous form as provided by VDEM: "Ordinal, converted to interval by the measurement model, from from low to high 0-1."	Varieties of Democracy (V-DEM) (v2xcl_disc)
social_inequality	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?	Coded as 1 when v2clsocgrp_ord equals zero, indicating "Members of some social groups enjoy much fewer civil liberties than the general population."; 0: all other	Varieties of Democracy (V-DEM) (v2clsocgrp_ord)
even_civilrights	Inequality in civil liberties by geographic region : Is government respect for civil liberties equal across different areas of the country?	Coded as 1 when v2clrgunev_ord equals 2, indicating "Government officials in most or all areas of the country equally respect (or, alternatively, equally do not respect) civil liberties."; 2: all other	Varieties of Democracy (V-DEM) (v2clrgunev_ord)
repress_civilsoc	Civil society repression: Does the government attempt to repress civil society organizations (CSOs)?	Coded as 1 when v2csreprss_ord equals 0, indicating "The government violently and actively pursues all real and even some imagined members of CSOs. They seek not only to deter the activity of such groups but to effectively liquidate them. Examples include Stalinist Russia, Nazi Germany, and Maoist China."; 0: all other	Varieties of Democracy (V-DEM) (v2csreprss_ord)
social_power_dist	Power distributed by social group: Is political power distributed according to social groups?	Coded as 1 when v2pepwrsoc_ord equals 0,1, or 2, meaning; 0: Political power is monopolized by one social group comprising a minority of the population. This monopoly is institutionalized, i.e., not subject to frequent change. 1: Political power is monopolized by several social groups comprising a minority of the popu- lation. This monopoly is institutionalized, i.e., not subject to frequent change. 2: Political power is monopolized by several social groups comprising a majority of the population. This monopoly is institutionalized, i.e., not subject to frequent change.	Varieties of Democracy (V-DEM) (v2pepwrsoc_ord)
tradeshare.ln.combined	Trade openness (log): Trade as percentage of Gross Domestic Product (GDP)		World Bank, World Development Indicators
coup.try.5yr	Successful or unsuccesful coup attempt in this year or the prior 4.	Includes either successful or unsuccessful coup attempts in this year or any of prior 4. Used existing data through 2015 but was hand coded for years thereafter; in future, updates based on new releases of Powell and Thyne dataset should be possible. 1: Yes, coup attempt 0: No coup attempt	Center for Systemic Peace's Coup d'Etat & Powell and Thyne Coup d'Etat Dataset
polity2.fl.1	Polity type: Autocracy	Autocracy: polity scores between -10 and -5 inclusive; 1 if autocracy; 0 if either other category	Center for Systemic Peace, Polity IV Dataset; Transformed by EWP
polity2.fl.2	Polity type: Anocracy	Anocracy: polity scores between -4 and 4 inclusive; 1 if anocracy; 0 if either other category	Center for Systemic Peace, Polity IV Dataset; Transformed by EWP
polity2.fl.3	Polity type: Democracy	Democracy: polity scores between 5 and 10 inclusive; 1 if democracy; 0 if either other category	Center for Systemic Peace, Polity IV Dataset; Transformed by EWP