**International Political Economy**

**Data Resource**

Version 4.0 – July 2020

Benjamin A.T. Graham

and Jacob R. Tucker



This project is managed and staffed by members of the [Security and Political Economy (SPEC) Lab](https://dornsife.usc.edu/spec) at the University of Southern California.

**International Political Economy Data Resource**

**Official Codebook**

Benjamin A.T. Graham

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Version 4.0

July 2020

The following codebook describes the component datasets included in the Master IPE Data Resource, Version 4.0. An earlier version of this resource was introduced by the following article:

Graham, Benjamin A.T. and Jacob R. Tucker. 2017. “[The International Political Economy Data Resource](https://urldefense.proofpoint.com/v2/url?u=http-3A__em.rdcu.be_wf_click-3Fupn-3DKP7O1RED-2D2BlD0F9LDqGVeSMN0wJZH-2D2B98IYNMnRK5L3P8-2D3D-5FGNnPkJalgkEpe7D7Qaq3CitGYQK2Ffn0fyNvFahE2JFtatqSbGWLWqPk420KmBctEi89B4lwkAeO31s6VfhS4hjhzyZSaQRvNkAg8pfyQPel).” *Review of International Organizations.* Online First.

**What’s New in Version 4.0**

All component datasets from version 3.0 have been updated to their most recent versions. We have also added 4 new component datasets requested by users of Version 3.0

**The Nature of this Resource**

This data resource merges together 89 of the most commonly used datasets related to the field of international political economy (IPE). We attempt to draw all data from its original source – i.e. downloading the data directly from the scholar or institution that produced the data. For some of the broader datasets included, such as the World Development Indicators, only those variables deemed relevant to IPE were retained. In cases where we draw data from replication datasets, we retain only those variables that are newly created by the study in question; we drop control variables that are necessary to the replication file but are drawn from other sources.

The unit of analysis in this dataset is country-year, with unique observations identified by Gleditsch-Ward number (gwno) and year (Gleditsch and Ward 1999). Alternative country identifiers, i.e. Correlates of War (COW) codes and International Financial Statistics (IFS) codes are provided for convenience, but the Gleditsch-Ward numbers are the basis on which component datasets are merged together. An alternative version of the dataset is also produced which treats COW codes as the primary identifier.

Countries not present in the Gleditsch-Ward system are excluded from this dataset.

Annual coverage for this dataset begins in 1800, but most component datasets begin coverage somewhere in the post-WWII period. Version 4.0 contains 89 component datasets, with annual updates/expansions planned for the foreseeable future.

Version 4.0 exists in two different forms, and is posted in both STATA-compatible (tabular) and R (.RData) formats:

1. **Full Data by Gleditsch-Ward Number:** This is the “primary” version of the resource.
2. **Full Data by COW code:** This version has unique observations by COW code and year.

**Variable Naming**

This codebook lists the name and description of all variables included in the resource, organized by component dataset. Each component data source is given a unique suffix. This facilitates restriction of the dataset to only a few of its component parts. For example, if one wanted to retain only the Strøm et al. powersharing data (suffix IDC) and the Credendo Group political risk data from Graham, Johnston, and Kingsley (suffix ON), the following stata command would suffice:

keep gwnoccode country year \*\_IDC \*\_ON

**Transparency of the Data Management Process**

We have attempted to make every step in the creation of this data resource entirely transparent. In the codebook, we describe all the (minimal) data cleaning steps that were necessary to prepare each component dataset to be merged into the master dataset. The dataverse URL for this study is: <http://dx.doi.org/10.7910/DVN/X093TV>

As of version 2.0, data management is conducted using R, but datasets that have not been updated since version 1.5 are still prepped using STATA 14. We include all of the following files on dataverse:

1. A raw data file for each component dataset, i.e. the files that we downloaded from the web or were emailed by authors. These files are in various formats, but primarily .dta .csv .xls and .xlsx
2. Each of the merge prep files (either R scripts or STATA .do files) that were used to prepare individual component datasets to be merged together. These files drop unnecessary variables, rename variables and engage in data cleaning as necessary (though we keep this cleaning as minimal as possible). The most common form of cleaning involves reshaping data to a country-year unit of analysis and dropping observations that would result in duplicate observations by Gleditsch-Ward number and year.
3. The Append\_ids.R file is called by each prep file using the R command dataframe = append\_ids(data frame) which runs the function append\_ids as if it were included in each individual prep file. This appends the Gleditsch-Ward numbers, Gleditsch-Ward abbreviations, the COW Country Codes, IFS country abbreviation,IFS Codes, and Standard Country Names to each dataset.
4. The Change Append\_ids.R file is called every time when a modification has been made to the country\_to\_gwno.xlsx. It handles countries that have changed their GWNOs in the past, such as Serbia, Korea, and Germany. It also merges all the IFS codes and COW Codes with Gleditsch-Ward numbers into one .RDATA file called "CountryIDsMaster.RDATA", which is referred to by the Append\_ids.R file.
5. The master merge R script that merges these component datasets together.
6. Several versions of the completed data resource (main version by Gleditsch-Ward number and alternate version by COW number, both in .Rdata and STATA format; also subsets of the data (by Gleditsch Ward ID) in STATA format).

**Request for Comments and Recommendations**

This project remains a work in progress. Recommendations, error corrections, and other comments or questions are welcomed. In particular, we appreciate suggestions for datasets that should be added to this resource. The authors may be contacted at benjamin.a.graham [at] usc.edu and jacobtuc [at] usc.edu.

**Citation, Permission and Terms of Use**

Any publications using data drawn from this resource should include citations to the original source(s) of the data used. Citation information for each component dataset is included in this codebook. It is important to give direct credit to the scholars and institutions that created the original data compiled here.

Users of this resource should also cite to:

Graham, Benjamin A.T. and Jacob R. Tucker. 2017. “[The International Political Economy Data Resource](https://urldefense.proofpoint.com/v2/url?u=http-3A__em.rdcu.be_wf_click-3Fupn-3DKP7O1RED-2D2BlD0F9LDqGVeSMN0wJZH-2D2B98IYNMnRK5L3P8-2D3D-5FGNnPkJalgkEpe7D7Qaq3CitGYQK2Ffn0fyNvFahE2JFtatqSbGWLWqPk420KmBctEi89B4lwkAeO31s6VfhS4hjhzyZSaQRvNkAg8pfyQPel).” *Review of International Organizations.* Online First.

This resource is provided for individual use by students and researchers, and the selling of this data is prohibited. Use of any data in this resource is governed by the original terms of use of each component dataset.

We have received permission from the authors of each of dataset for which there are not already publicly-posted terms of use granting permission to reproduce the data for non-commercial purposes. If you intend to republish or reproduce this data, except as replication data for an academic paper, or if you intend to use this data for any commercial purpose, please first secure permission from the authors of each component dataset. Please see the following publicly posted terms of use for institutionally-created component datasets.

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U.S. Bureaof Economic Analysis: <http://www.bea.gov/about/BEAciting.htm>

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# Economic Datasets

## Economic Freedom of the World from The Fraser Institute [EF]

**Suffix:** EF

**Description:** This dataset contains indicators of economic freedom for 159 countries. For more information on this project, visit the project website at [www.freetheworld.com](http://www.freetheworld.com).

**Data:** <https://www.fraserinstitute.org/economic-freedom/dataset>.

**Data Cleaning:** No observations are removed and no data values are changed.

**Citation:**

Gwartney, James, Robert A. Lawson, Joshua C. Hall, and Fred McMahon. 2016. “Economic Freedom of the World.” *Fraser Institute*. https://www.fraserinstitute.org/economic-freedom/dataset.

Years: Number of Countries:

1970-2016 164

Variables:

|  |  |
| --- | --- |
| top\_margintax\_EF | Top marginal income tax rate [EF] |
| top\_margin\_ payrolltax\_EF | Top marginal income and payroll tax rate [EF] |
| propright\_EF | Protection of property rights [EF] |
| impartcourts\_EF | Impartial Courts [EF] |
| bizcrimecost\_EF | Business cost of crime [EF] |
| policerely\_EF | Reliability of police [EF] |

## Freedom House: Freedom in the World [FH]

Suffix: FH

Description: This dataset includes measures of political and civil liberties.

Data: [https://freedomhouse.org/report-types/freedom-world#.VbAczPlViko](https://freedomhouse.org/report-types/freedom-world)

Data Cleaning: Observations for Serbia after 2006 are dropped. Observations for Serbia and Montenegro between 1971 and 2007 are dropped. Observations for United Germany before 1990 are dropped. Observations for West Germany after 1989 are dropped. Observations for Russia before 1991 are dropped. Observations for the USSR after 1990 are dropped. Observations for united Yemen before 1989 are dropped. Observations for North Yemen after 1989 are dropped. Missing data codes of “..” are standardized to be NA.

Note: pr\_FH and cl\_FH variables are saved in one dataset, and rulelaw\_FH is saved in a separate dataset. rulelaw\_FH year range is 2006-2017 and covers 196 countries.

Disclaimer: This data should not be used as panel data, as the methodology of the indicators changes from year to year.

Citation:

Freedom House. 2017. Individual country ratings and status, FIW 1973-2016. Freedom in the World. [https://freedomhouse.org/report-types/freedom-world#.VZV8p\_lVikp](https://freedomhouse.org/report-types/freedom-world). Accessed on April 14th, 2017.

Years: Number of Countries:

1972-2018 202

Variables:

|  |  |
| --- | --- |
| pl\_FH | Gastil index of political liberties [FH] |
| cl\_FH | Gastil index of civil liberties [FH] |
| rulelaw\_FH | Rule of Law Index [FH] |

## Aizenmann, Chin and Ito Open Economy Trilemma [TR]

Suffix: TR

Description: This dataset measures three dimensions of the “trilemma” hypothesis: monetary independence, exchange rate stability, and financial openness.

Data: <http://web.pdx.edu/~ito/trilemma_indexes.htm>

Data Cleaning: Observations are dropped for eight states not included in the Gleditsch-Ward system (a total of 550 observations).

Citation:

Aizenman, Joshua, Menzie D. Chinn, and Hiro Ito (2010). "The Emerging Global Financial Architecture: Tracing and Evaluating the New Patterns of the Trilemma's Configurations”, *Journal of International Money and Finance*, Vol. 29, No. 4, p. 615–641.

Aizenman, Joshua, Menzie D. Chinn, and Hiro Ito (2013). "The 'Impossible Trinity' Hypothesis in an Era of Global Imbalances: Measurement and Testing," *Review of International Economics*, 21(3), 447–458.

Codebook:

<http://web.pdx.edu/~ito/ReadMe_trilemma_indexes2014.pdf>

Years: Number of Countries:

1960-2017 189

Variables:

|  |  |
| --- | --- |
| ers\_TR | Exchange Rate Stability Index [TR] |
| mi\_TR | Monetary Independence Index [TR] |
| ka\_open\_TR | Financial Openness Index [TR] |



## COW Materials Capabilities (CINC) [MC]

Suffix: MC

Description: The National Material Capabilities data set contains annual values for total population, urban population, iron and steel production, energy consumption, military personnel, and military expenditure of all state members, currently from 1816-2012. The widely used Composite Index of National Capability (CINC) index is based on these six variables and included in the data set.

Data: <http://www.correlatesofwar.org/data-sets/national-material-capabilities>

Citations:

Singer, J. David, Stuart Bremer, and John Stuckey. 1972. “Capability Distribution, Uncertainty, and Major Power War, 1820-1965.” In *Peace, War, and Numbers*, ed. Bruce Russett. Beverly Hills: Sage, p. 19–48.

Singer, J. David. 1988. “Reconstructing the Correlates of War Dataset on Material Capabilities of States, 1816-1985.” *International Interactions* 14(2): 115–132.

Data Cleaning: We drop observations for East and West Germany in 1990 to only keep united Germany. We also drop one observation for united Yemen in 1990 to keep only Yemen Arab Republic and Yemen People’s republic.

Codebook: <http://www.correlatesofwar.org/data-sets/national-material-capabilities/nmc-codebook-v5-1>

Version: 5.0

Years: Number of Countries:

1816-2012 216

Variables:

|  |  |
| --- | --- |
| cinc\_MC | CINC Score [MC] |
| irst\_MC | Iron and steel production [MC] |
| milex\_MC | Military Expenditures [MC] |
| milper\_MC | Military Personnel [MC] |
| pec\_MC | Primary energy consumption [MC] |
| tpop\_MC | Total Population [MC] |
| upop\_MC | Urban Population [MC] |

## SIPRI Military Expenditures [SI]

Suffix: SI

Description: This dataset contains data on the military expenditures.

Data: <https://www.sipri.org/databases/milex>

Data Cleaning: We drop observations to handle Serbia and Yugoslavia. Observations for regions and small states not included in the Gleditsch-Ward system are also dropped.

Citation:

Stockholm International Peace Research Institute. SIPRI Military Expenditure Database 2016. https://www.sipri.org/databases/milex. Accessed on Feb 28, 2017.

Terms and Conditions: This data is governed by the following terms and conditions: <https://www.sipri.org/about/terms-and-conditions>

Years: Number of Countries:

1949-2017 172

Variables:

|  |  |
| --- | --- |
| milex\_SI | Military Expenditures (SIPRI) in millions (2011 USD) [SI] |

## Claessens and van Horen Bank Ownership [CV]

Suffix: CV

Description: This dataset contains information on the number of foreign banks in each country.

Data: <http://www.dnb.nl/en/onderzoek-2/databases/bank.jsp>

Data Cleaning: No observations or data values are changed or dropped.

Citation:

Claessens, Stijn, and Neeltje Horen. 2014. “Foreign banks: Trends and impact.” *Journal of Money, Credit and Banking* 46(s1): 295–326.

Claessens, Stijn, and Neeltje Van Horen. 2015. “The Impact of the Global Financial Crisis on Banking Globalization.” *IMF Economic Review* 63(4): 868–918.

Years: Number of Countries:

1995-2013 140

Variables:

|  |  |
| --- | --- |
| foreignbkct\_CV | Count of foreign banks open in country [CV] |

## Bodea and Hicks Central Bank Independence Data [BH]

Suffix: BH

Description: This dataset contains data on central bank independence. The data is an updated version of the Cukierman, Webb and Neyapti index.

Data: <http://www.princeton.edu/~rhicks/data/cb_rh_data.zip>

Data Cleaning: 12 observations for the European Union are dropped.

Citation:

Bodea, Cristina, and Raymond Hicks. 2015. “Price Stability and Central Bank Independence: Discipline, Credibility, and Democratic Institutions.” *International Organization* 69(1): 35–61.

Cukierman, Alex, Steven B. Web, and Bilin Neyapti. 1992. “Measuring the Independence of Central Banks and Its Effect on Policy Outcomes.” *The World Bank Economic Review* 6(3): 353–398.

Years: Number of Countries:

1972-2010 83

Variable:

|  |  |
| --- | --- |
| cbi\_BH | Central Bank Independence score [BH] |
| cbiw\_BH | Weighted Central Bank Independence score [BH] |
| reform\_BH | Reform year (yes/no) [BH] |

## Garriga Central Bank Independence Data [BH]

Suffix: CBI

Description: dataset on de jure central bank independence (CBI), including yearly data from 182 countries between 1970 and 2012. The dataset identifies statutory reforms affecting CBI, their direction, and the attributes necessary to build the Cukierman, Webb and Neyapty index. Expands country coverage from previous datasets.

Data: https://dataverse.harvard.edu/dataset.xhtml?persistentId=doi:10.7910/DVN/I2BUGZ

Data Cleaning:

Citation:

Garriga, Ana Carolina. 2016. Central Bank Independence in the World: A New Dataset. International Interactions 42 (5):849-868 doi: 10.1080/03050629.2016.1188813

Years: Number of Countries:

1970-2012 182

Variable:

|  |  |
| --- | --- |
| lvau\_garriga\_CBI | Central Bank Independence score, unweighted [CBI] |
| lvaw\_garriga\_BH | Weighted Central Bank Independence score [CBI] |
| reform\_CBI | Reform year (yes/no) [CBI] |

## IMF Contract Intensive Money [CIM2]

Suffix: CIM2

Description: This IMF dataset contains a measure of contract intensive money in each country.

Data:

Updated Data of Quasi-Money:

<http://data.imf.org/?sk=388DFA60-1D26-4ADE-B505-A05A558D9A42&sId=1479331931186>

Updated Data of Currency Outside Other Depository Corporations:

<http://data.imf.org/?sk=388DFA60-1D26-4ADE-B505-A05A558D9A42&sId=1479331931186>

Data Cleaning: Observations for small states and regions not included in the Gleditsch-Ward system (Anguilla, Aruba, CEMAC, Eastern Caribbean Currency Union, Montserrat, Netherlands Antilles, West African Economic and Monetary Union, and West Bank and Gaza) are dropped (a total of 520 observations). We calculate the updated CIM = 1-(currency outside other depository corporations/quasi\_money)

Citation:

International Monetary Fund. Contract Intensive Money, International Financial Statistics.

<http://data.imf.org/?sk=4C514D48-B6BA-49ED-8AB9-52B0C1A0179B>

Years: Number of Countries:

1950-2016 159

Variables:

|  |  |
| --- | --- |
| cim2\_CIM2 | Contract intensive money 2 [CIM2] |



## IMF Agreement Data [BCG]

Suffix: BCG

Description: This dataset contains data about whether countries are under an IMF agreement in a given country year. This data is an updated version of data originally coded by James Vreeland (2003).

Data: <https://link.springer.com/article/10.1007/s11558-011-9122-9>

Citation:

Bauer, Molly E., Cesi Cruz, and Benjamin A. T. Graham. 2012. “Democracies only: When do IMF agreements serve as a seal of approval?” *The Review of International Organizations* 7(1): 33–58.

Vreeland, J.R. 2003. *The IMF and Economic Development*. New York: Cambridge University Press.

Data Cleaning: All observations are kept. Variables not listed here are dropped.

Years: Number of Countries:

1970-2008 188

Variables:

|  |  |
| --- | --- |
| under\_BCG | Whether a country was is under an IMF agreement [BCG] |
| undertype\_BCG | Type of IMF agreement country is under [BCG] |

## Financial Development and Structure Dataset [FS]

Suffix: FS

Description: This World Bank dataset contains information about the size, activity, and efficiency of financial intermediaries and markets.

Data Cleaning: Observations for small states not included in the Gleditsch-Ward system (Aruba, Bermuda, Cayman Islands, Curacao, Faeroe Islands, French Polynesia, Isle of Man, New Caledonia, and The West Bank and Gaza) are dropped (a total of 468 observations).

Citation:

Beck, Thorsten, Asli Demirgüç-Kunt, and Ross Levine. 2000. “A New Database on Financial Development and Structure.” *World Bank Economic Review* 14: 597–605. (An earlier version was issued as World Bank Policy Research Working Paper 2146.)

Beck, Thorsten, Aslı Demirgüç-Kunt, and Ross Levine. 2010. “Financial Institutions and Markets across Countries and over Time: The Updated Financial Development and Structure Database.” *The World Bank Economic Review* 24(1): 77–92.

Čihák, Martin, Asli Demirgüç-Kunt, Erik Feyen, and Ross Levine. 2012. “Benchmarking Financial Development Around the World.” World Bank Policy Research Working Paper 6175, August 2012.

Terms of Use: This data is governed by the following terms of use: <http://web.worldbank.org/WBSITE/EXTERNAL/0,,contentMDK:22547097~pagePK:50016803~piPK:50016805~theSitePK:13,00.html>

Codebook: <http://www1.worldbank.org/finance/assets/images/Fs02_web.pdf>

Years: Number of Countries:

1960-2015 199

Variables:

|  |  |
| --- | --- |
| pcredb\_FS | Private credit by deposit money banks (% GDP) [FS] |
| pcredbo\_FS | Private credit by money banks and other financial institutions (% GDP) [FS] |

## Levy-Yeyati and Sturzenegger Exchange Rate Regimes[LY]

Suffix: LY

Description: This dataset contains a *de facto* classification of 17 exchange rate regimes that reflects actual rather than announced policies.

Data Cleaning: Observations for small states not included in the Gleditsch-Ward system (Aruba and Netherlands Antilles) are dropped (49 observations).

Citation:

Levy-Yeyati, Eduardo, and Federico Sturzenegger. 2005. “Classifying exchange rate regimes: Deeds vs. words.” *European Economic Review* 49(6): 1603–1635.

Codebook: <http://www.utdt.edu/Upload/_126797338585330000.pdf>

Years: Number of Countries:

1974-2004 178

Variables:

|  |  |
| --- | --- |
| class\_5way\_LY | 5-way classification [LY&S] |
| class\_3way\_LY | 3-way classification [LY&S] |

## LexisNexis-based Information Measures [LX]

Suffix: LX

Description: This dataset contains information on the number of English-language business and investment related articles published in a country in a given year.

Data Cleaning: One observation with a negative value was changed to missing.

Citation:

Kingsley, Allison and Benjamin A.T. Graham. 2017. “[The Capital Effects of Information Voids in Emerging Markets](http://link.springer.com/article/10.1057/s41267-016-0056-6).” *Journal of International Business Studies* 48(3): 324-343.

Years: Number of Countries:

1992-2012 171

Variables:

|  |  |
| --- | --- |
| baselinemwp\_LX | News coverage (total articles) [GKJ] |
| investmentmwp\_LX | Investment Articles in LexisNexis (keyword) [GKJ] |
| subjectmwp\_LX | Potentially Business Relevant Articles in LexisNexis (subjects) [GKJ] |
| ln\_baselinemwp\_LX | Total Articles in LexisNexis (logged) [GKJ] |
| ln\_investmentmwp\_LX | Investment Articles in LexisNexis (keyword) (logged) [GKJ] |
| ln\_subjectmwp\_LX | Potentially Business Relevant Articles in LexisNexis (subjects) (logged) |

## Newspaper Circulation Data from the 2010 WDI [WB]

Suffix: WB

Description: This is the newspaper circulation data from the World Bank’s World Development Indicators. 2010 is the last version of the WDI in which the newspaper data was published.

Data: <http://databank.worldbank.org/data/download/archive/WDIandGDF_excel_2010_12.zip>

Data Cleaning: Observations for regions and small states not included in the Gleditsch Ward system are dropped (1,029 observations deleted).

Citation:

The World Bank. World Development Indicators 2010. <http://data.worldbank.org/data-catalog/world-development-indicators/wdi-2010>. Accessed on July 15, 2015.

Terms of Use: This data is governed by the following terms of use: <http://web.worldbank.org/WBSITE/EXTERNAL/0,,contentMDK:22547097~pagePK:50016803~piPK:50016805~theSitePK:13,00.html>

Years: Number of Countries:

1970-2005 176

Variables:

|  |  |
| --- | --- |
| news\_WB | Daily newspapers (per 1,000 people) [WB2010] |

## I/B/E/S Analyst Coverage (Kingsley and Graham) [IB]

Suffix: IB

Description: This dataset contains information on the number of unique I/B/E/S analysts covering firms based in a country in a given year.

Data Cleaning: None

Citation:

Kingsley, Allison and Benjamin A.T. Graham. 2017. “[The Capital Effects of Information Voids in Emerging Markets](http://link.springer.com/article/10.1057/s41267-016-0056-6).” *Journal of International Business Studies* 48(3): 324-343.

Years: Number of Countries:

1993-2019 94

Variables:

|  |  |
| --- | --- |
| reportcount\_IB | Number of Unique I/B/E/S Analyst Reports [IB] |
| firmcount\_IB | Number of Unique Firms Covered in I/B/E/S Analyst Reports [IB] |
| analystcount\_IB | Number of Unique I/B/E/S Analysts [IB] |
| lnfirmcount\_IB | Number of Unique Firms Covered in I/B/E/S Analyst Reports (logged) [IB] |
| lnreportcount\_IB | Number of Unique I/B/E/S Analyst Reports (logged) [IB] |
| lnanalystcount\_IB | Number of Unique I/B/E/S Analysts (logged) [IB] |

## Forbes and Warnock Surges, Stops, Flight, and Retrenchment Data [FW]

Suffixes: FW

Description: This dataset contains data on surges, stops, flights, and retrenchments in capital flows. The original Forbes and Warnock dataset contains a dummy variable for each representing whether there was a surge, stop, flight, or retrenchment in a given quarter. We have aggregated the quarterly data into yearly data and the variables represent the number of quarters in a given year that a country experienced a surge, stop, flight or retrenchment.

Data: The data file can be found online under the “Capital Flow Waves” citation. <http://web.mit.edu/~kjforbes/www/papers.html>

Data Cleaning: None beyond the aggregation described above.

Ciation:

Forbes, Kristin J., and Francis E. Warnock. 2012. “Capital flow waves: Surges, stops, flight, and retrenchment.” *Journal of International Economics* 88(2): 235–251.

Years: Number of Countries:

1980-2018 59

Variables:

|  |  |
| --- | --- |
| surge\_epiTO\_FW | Capital Surge Episodes, any [FW] |
| stop\_epiTO\_FW | Capital Stop Episodes, any [FW] |
| flight\_epiTO\_FW | Capital Flight Episodes, any [FW] |
| retrench\_epiTO\_FW | Capital Retrenchment Episodes, any [FW] |
| surge\_epiDI\_FW | Capital Surge Episodes, FDI [FW] |
| stop\_epiDI\_FW | Capital Stop Episodes, FDI [FW] |
| flight\_epiDI\_FW | Capital Flight Episodes, FDI [FW] |
| retrench\_epiDI\_FW | Capital Retrenchment Episodes, FDI [FW] |
| surge\_epiDE\_FW | Capital Surge Episodes, Debt [FW] |
| stop\_epiDE\_FW | Capital Stop Episodes, Debt [FW] |
| flight\_epiDE\_FW | Capital Flight Episodes, Debt [FW] |
| retrench\_epiDE\_FW | Capital Retrenchment Episodes, Debt [FW] |
| surge\_epiEQ\_FW | Capital Surge Episodes, Equity [FW] |
| stop\_epiEQ\_FW | Capital Stop Episodes, Equity [FW] |
| flight\_epiEQ\_FW | Capital Flight Episodes, Equity [FW] |
| retrench\_epiEQ\_FW | Capital Retrenchment Episodes, Equity [FW] |
| surge\_epiBK\_FW | Capital Surge Episodes, Banking [FW] |
| stop\_epiBK\_FW | Capital Stop Episodes, Banking [FW] |
| flight\_epiBK\_FW | Capital Flight Episodes, Banking [FW] |
| retrench\_epiBK\_FW | Capital Retrenchment Episodes, Banking [FW] |

## FDI Data from UNCTAD [UNCTAD]

Suffixes: UNCTAD

Description: This dataset contains information on inward FDI flows and stocks as reported to the UNCTAD. Values are in USD (millions).

Data Cleaning: Observations for small states not included in the Gleditsch Ward system are dropped (1,499 observations). Observations containing only missing data are dropped to handle duplicates for a number of states generated by reshaping the data.

Citation:

United Nations Conference on Trade and Development. 2016. Foreign direct investment: Inward and outward flows and stock, annual, 1980-2014. http://unctadstat.unctad.org/. Accessed on July 7, 2016.

Terms of Use: Use of these data are governed by the following terms of use: http://unctadstat.unctad.org/EN/About.html

Years: Number of Countries:

1970-2017 194

Variables:

|  |  |
| --- | --- |
| fdiflows\_UNCTAD | FDI Flows (Inward) USD millions [UNCTAD] |
| fdistocks\_UNCTAD | FDI Stocks (Inward) USD millions [UNCTAD] |

## BEA US Outward FDI Stocks, Historical Cost Basis [OFS]

Suffix: OFS

Description: This dataset from the U.S. Bureau of Economic Analysis reports U.S. direct investment stocks abroad on a historical-cost basis in millions of dollars

Data: <http://www.bea.gov/international/di1usdbal.htm>

Data Cleaning:

The header and footer of the file are deleted. Observations for continents, groups of countries, and small states not included in the Gleditsch-Ward system are removed (1,240 observations deleted).

Citation:

U.S. Bureau of Economic Analysis. U.S. Direct Investment Abroad, U.S. Direct Investment Position Abroad on a Historical-Cost Basis. http://www.bea.gov/international/di1usdbal.htm (accessed March 17, 2017).

Terms of use: This data is governed by the following terms of use:

<http://www.bea.gov/about/BEAciting.htm>

Years: Number of Countries:

1982-2017 59

Variables:

|  |  |
| --- | --- |
| ind\_total\_OFS | Outward FDI stocks from the US in USD (millions), all industries, BEA [OFS] |

## BEA US Outward FDI Flows, by Industry [OFI]

Suffix: OFI

Description: This dataset from the U.S. Bureau of Economic Analysis reports U.S. direct investment flows abroad in various industries without current-cost adjustment, in millions of dollars.

Data: <http://www.bea.gov/international/di1usdbal.htm>

Data Cleaning:

The header and footer of the spreadsheet are deleted. Observations for continents, groups of countries, and small states not included in the Gleditsch-Ward system are removed.

Citation:

U.S. Bureau of Economic Analysis. U.S. Direct Investment Abroad, Financial Outflow Transactions Without Current-Cost Adjustment. <http://www.bea.gov/international/di1usdbal.htm>. Accessed on May 22 2016.

Terms of use: This data is governed by the following terms of use:

<http://www.bea.gov/about/BEAciting.htm>

Years: Number of Countries:

1982-2015 60

Variables:

|  |  |
| --- | --- |
| ind\_total\_OFI | US Outward FDI: Position, All Industries, in mil. USD [OFI] |
| mining\_OFI | US Outward FDI: Position, Mining, in mil. USD [OFI] |
| util\_OFI | US Outward FDI: Position, Utilities, in mil. USD [OFI] |
| mf\_total\_OFI | US Outward FDI: Position, Manufacturing: Total Manufacturing, in mil. USD [OFI] |
| mf\_food\_OFI | US Outward FDI: Position, Manufacturing: Food, in mil. USD [OFI] |
| mf\_chem\_OFI | US Outward FDI: Position, Manufacturing: Chemicals, in mil. USD [OFI] |
| mf\_pfm\_OFI | US Outward FDI: Position, Manufacturing: Primary and fabricated metals, in mil. USD [OFI] |
| mf\_mc\_OFI | US Outward FDI: Position, Manufacturing: Machinery, in mil. USD [OFI] |
| mf\_cep\_OFI | US Outward FDI: Position, Computers and electronic products, in mil. USD [OFI] |
| mf\_eeac\_OFI | US Outward FDI: Position, Electrical equipment, appliances, components, in mil. USD [OFI] |
| mf\_te\_OFI | US Outward FDI: Position, Manufacturing: Transportation Equipment, in mil. USD [OFI] |
| mf\_other\_OFI | US Outward FDI: Position, Manufacturing: Other Manufacturing, in mil. USD [OFI] |
| wt\_OFI | US Outward FDI: Position, Wholesale Trade, in mil. USD [OFI] |
| info\_OFI | US Outward FDI: Position, Information, in mil. USD [OFI] |
| dep\_ins\_OFI | US Outward FDI: Position, Depository Institutions, in mil. USD [OFI] |
| fi\_OFI | US Outward FDI: Position, Finance (no depository inst.) and insurance, in mil. USD [OFI] |
| psts\_OFI | US Outward FDI: Position, Professional, scientific, technical services, in mil. USD [OFI] |
| hc\_nb\_OFI | US Outward FDI: Position, Holding Companies (nonbank), in mil. USD [OFI] |
| ind\_other\_OFI | US Outward FDI: Position, Other Industries, in mil. USD [OFI] |

## BEA US Outward FDI: Net Property, Plant and Equipment [OPE]

Suffix: OPE

Description: This dataset reports U.S. direct investment flows abroad in net property, plant, and equipment in millions of dollars

Data Cleaning:

The raw-data comes from two downloaded files (see citations below) and are merged. No data overlaps or conflicts between the datasets. Headers and footers of both files are removed. Observations for regions and groups of countries are removed (555 observations deleted).

Because the raw-data includes certain countries in multiple regions, duplicate observations are created when reshaping the data into a country year format. At least one of these observations is always missing, so the missing observation of each pair is removed (106 Observations deleted). No observations with data values are removed.

Citation:

U.S. Bureau of Economic Analysis. U.S. Direct Investment Abroad, Majority-owned Nonbank Foreign Affiliates (data up to 2008), Net Property, Plant, and Equipment. Accessed June 21 2016.

U.S. Bureau of Economic Analysis. U.S. Direct Investment Abroad, All Majority-owned Foreign Affiliates (data for 2009 and forward), Net Property, Plant, and Equipment. Accessed June 21 2016.

Terms of use: This data is governed by the following terms of use:

<http://www.bea.gov/about/BEAciting.htm>

Years: Number of Countries:

1997-2017 197

Variables:

|  |  |
| --- | --- |
| net\_ppe\_OPE | US Outward FDI flows: Net Property, Plant, and Equipment in mil. USD [OPE] |
| gross\_ppe\_OPE | US Outward FDI flows: Gross Property, Plant, and Equipment in mil. USD [OPE] |

## US Department of Treasury, List of Tax Havens [TH]

Suffix: TH

Description: This dataset contains a list of known tax havens.

Data Cleaning: The original data include four years and list the tax havens in those years. We fill in the countries not listed as tax havens and assign them a value of 0. We also fill in the years in-between those included in the list of tax havens. A state retains the same tax haven value (0 or 1) for every year until the next year included in the original data. The last year the original data include is 2008. We fill in all values through 2019 with the 2008 value of the original data.

We adjust observations for Yugoslav exit and Serbian entry. Observations for small states not included in the Gleditsch Ward system are dropped (15 observations).

Citation:

Gravelle, Jane G. 2009. "Tax Havens: International tax avoidance and evasion."

Congressional Research Service, Library of Congress. <http://www.fas.org/sgp/crs/misc/R40623.pdf>

Years: Number of Countries:

1983-2019 205

Variables:

|  |  |
| --- | --- |
| taxhav\_TH | Binary, 1 if considered a tax haven, 0 if not [DOT] |
| taxhavens\_extrapolated\_TH | Binary, 1 if considered a tax haven, 0 if not. Extrapolated from taxhav [DOT] |
| taxhavwhen\_TH | Year estimate of when the state became a tax haven [DOT] |

## Emma Ashford Oil Exports Data [AE]

Suffix: AE

Description: This dataset contains data on oil revenues generated from supplementing the WDI data with data from the BP Statistical Index and the Energy Information Administration.

Data Cleaning: The original data is dyadic, so an observation for oil revenues as a share of GDP exists for country *i* in each dyad that includes country *i*. In the vast majority of cases, these are identical for all dyads that include Country *i*. To handle those cases where there is variation in values for Country *i* in a given year, we take the mean of all observations for Country *i* in a given year.

Citation:

Ashford, Emma. 2013. “Crude Power: The Foreign Policy of Oil-Exporting States.” Dissertation. University of Virginia.

The World Bank. 2012. World Development Indicators 2012. <https://openknowledge.worldbank.org/handle/10986/6014>.

U.S. Department of Energy. 2012. International Energy Statistics. U.S. Energy Information Administration. <http://www.eia.gov/cfapps/ipdbproject/IEDIndex3.cfm>.

British Petroleum. 2012. Statistical Review of World Energy. <http://www.bp.com/en/global/corporate/energy-economics/statistical-review-of-world-energy.html>.

Terms of Use: Because this data is developed using the World Bank, World Development Indicators data, please refer to the following terms of use: <http://web.worldbank.org/WBSITE/EXTERNAL/0,,contentMDK:22547097~pagePK:50016803~piPK:50016805~theSitePK:13,00.html>

The Energy Information Administration data is governed by the following terms of use: <http://www.eia.gov/about/copyrights_reuse.cfm>.

Permission to share this data was also received from Professor Ashford.

Years: Number of Countries:

1960-2001 188

Variables:

|  |  |
| --- | --- |
| combinedoil\_AE | Oil Exports (% of GDP) (Ashford)[AE] |

## PENN World Tables 9.0 [PW]

Suffix: PW

Description: This dataset contains a range of indicators from the PENN World Tables.

Data: <http://www.rug.nl/ggdc/productivity/pwt/>

Data Cleaning: Seven countries are dropped as they are not included in the Gleditsch Ward system [650 observations in total].

Ciation:

Feenstra, Robert C., Robert Inklaar, and Marcel P. Timmer. 2015. “The Next Generation of the Penn World Table.” *American Economic Review* 105(10): 3150–3182. Available for download at [www.ggdc.net/pwt](http://www.ggdc.net/pwt).

Codebook:

<http://www.rug.nl/ggdc/docs/user_guide_to_pwt90_data_files.pdf>

Years: Number of Countries:

1950-2017 175

Variables:

|  |  |
| --- | --- |
| currency\_unit\_PW | Currency unit [PW] |
| rgdpe\_PW | Expenditure-side real GDP at chained PPPs (in mil. 2011US$) [PW] |
| rgdpo\_PW | Output-side real GDP at chained PPPs (in mil. 2011US$) [PW] |
| pop\_PW | Population (in millions) [PW] |
| emp\_PW | Number of persons engaged (in millions) [PW] |
| hc\_PW | Average annual hours worked by persons engaged [PW] |
| cgdpe\_PW | Expenditure-side real GDP at current PPPs (in mil. 2011US$) [PW] |
| cgdpo\_PW | Output-side real GDP at current PPPs (in mil. 2011US$) [PW] |
| ck\_PW | Capital stock at current PPPs (in mil. 2011US$) [PW] |
| ctfp\_PW | TFP level at current PPPs (USA=1) [PW] |
| rgdpna\_PW | Real GDP at constant 2011 national prices (in mil. 2011US$) [PW] |
| rkna\_PW | Capital stock at constant 2011 national prices (in mil. 2011US$) [PW] |
| rtfpna\_PW | TFP at constant national prices (2011=1) [PW] |
| rwtfpna\_PW | Welfare-relevant TFP at constant national prices (2011=1) [PW] |
| labsh\_PW | Share of labor compensation in GDP at current national prices [PW] |
| xr\_PW | Exchange rate, national currency/USD (market+estimated) [PW] |
| statcap\_PW | Statistical capacity indicator (source: World Bank, developing countries only) [PW] |

## World Development Indicators from the World Bank [WDI]

Suffix: WDI

Description: These data are initially reported by host governments, then cleaned and collated by the World Bank. The variables in this dataset are only a subset of the total variables available from WDI and include those deemed most likely to be of used to international relations scholars.

Data Cleaning: Observations for regions and for small states not included in the Gleditsch Ward system are dropped.

Data: <http://data.worldbank.org/products/wdi>

Citation:

The World Bank. World Development Indicators 2015. <http://data.worldbank.org/data-catalog/world-development-indicators/wdi-2015>. Accessed on June 15, 2015.

Terms of Use: This data is governed by the following terms of use: <http://web.worldbank.org/WBSITE/EXTERNAL/0,,contentMDK:22547097~pagePK:50016803~piPK:50016805~theSitePK:13,00.html>

Years: Number of Countries:

1960-2019 198

Variables:

|  |  |
| --- | --- |
| area\_WDI | Surface area (sq. km) [WDI] |
| area\_land\_WDI | Land area (sq. km) [WDI] |
| armed\_WDI | Armed forces personnel, total [WDI] |
| deaths\_bt\_WDI | Battle-related deaths (number of people) [WDI] |
| debt\_cgov\_WDI | Central government debt, total (% of GDP) [WDI] |
| ex\_agri\_WDI | Agricultural raw materials exports (% of merchandise exports) [WDI] |
| ex\_food\_WDI | Food exports (% of merchandise exports) [WDI] |
| ex\_fuel\_WDI | Fuel exports (% of merchandise exports) [WDI] |
| ex\_mfg\_WDI | Manufactures exports (% of merchandise exports) [WDI] |
| ex\_oresmet\_WDI | Ores and metal exports (% of merchandise exports) [WDI] |
| exp\_WDI | Exports of goods and services (% of GDP) [WDI] |
| extdebt\_WDI | External debt stocks (% of GNI) [WDI] |
| extdebt\_avgint\_WDI | Average interest on new external debt commitments (%) [WDI] |
| extdebt\_avgintoff\_WDI | Average interest on new external debt commitments, official (%) [WDI] |
| extdebt\_avgintpriv\_WDI | Average interest on new external debt commitments, private (%) [WDI] |
| extdebt\_intpaygni\_WDI | Interest payments on external debt (% of GNI) [WDI] |
| extdebt\_intpayperex\_WDI | Interest payments on external debt (% exports and primary income) [WDI] |
| extdebt\_pv\_WDI | Present value of external debt (current US$) [WDI] |
| extdebt\_tot\_WDI | External debt stocks, total (DOD, current US$) [WDI] |
| fdidollars\_WDI | Foreign direct investment, net inflows (BoP, current US$) [WDI] |
| fdi\_inper\_WDI | Foreign direct investment, net inflows (% of GDP) [WDI] |
| fdi\_outper\_WDI | Foreign direct investment, net outflows (% of GDP) [WDI] |
| gdp\_WDI | GDP (constant 2010 US$) [WDI] |
| growth\_WDI | GDP growth (annual %) [WDI] |
| gdppc\_WDI | GDP per capita (constant 2010 US$) [WDI] |
| gini\_WDI | GINI index [WDI] |
| gni\_WDI | GNI (constant 2010 US$) [WDI] |
| gnipc\_WDI | GNI per capita (constant 2010 US$) [WDI] |
| inf\_mort\_WDI | Mortality rate, infant (per 1000 live births) [WDI] |
| inflation\_WDI | Inflation, consumer prices (annual%) [WDI] |
| insfin\_svc\_WDI | Insurance and financial services (% of commercial service exports) [WDI] |
| internet\_br\_WDI | Fixed broadband Internet subscribers (per 100 people) [WDI] |
| journal\_WDI | Scientific and technical journal articles [WDI] |
| legal\_rt\_WDI | Strength of legal rights index (0=weak to 12=strong) [WDI] |
| lending\_intrate\_WDI | Lending interest rate (%) [WDI] |
| life\_exp\_WDI | Life expectancy at birth, total (years) [WDI] |
| lit\_WDI | literacy rate, adult total (% of people ages 15 and above)  [WDI] |
| migrant\_per\_WDI | International migrant stock (% of population) [WDI] |
| migrant\_tot\_WDI | International migrant stock, total [WDI] |
| mobile\_WDI | Mobile cellular subscriptions (per 100 people) [WDI] |
| patapps\_WDI | Patent applications, residents [WDI] |
| pop\_WDI | Population, total [WDI] |
| pop\_den\_WDlI | Population density (ppl per sq km of land area) [WDI] |
| pop\_urb\_WDI | Urban population (% of total) [WDI] |
| workingpop\_WDI | Population ages 15-64 (% of total)[WDI] |
| power\_out\_WDI | Power outages in firms in a typical month (number) [WDI] |
| portfolio\_WDI | Portfolio equity, net inflows (BoP, current US$) [WDI] |
| reer\_WDI | Real effective exchange rate index (2010 = 100) [WDI] |
| remittances\_WDI | Personal remittances, received (% of GDP) |
| reserves\_im\_WDI | Total reserves in months of imports [WDI] |
| reserves\_tot\_WDI | Total reserves (includes gold, current US$) [WDI] |
| rir\_WDI | Real interest rate (%) [WDI] |
| risk\_prem\_WDI | Risk premium on lending (lending rate minus treasury bill rate, %) [WDI] |
| tax\_rev\_WDI | Tax revenue (% of GDP) [WDI] |
| tech\_rnd\_WDI | Technicians in R&D (per million people) [WDI] |
| tele\_WDI | Telephone lines (per 100 people) [WDI] |
| trade\_WDI | Trade (% of GDP) [WDI] |
| trade\_services\_WDI | Trade in services (% of GDP) [WDI] |
| trdmk\_apps\_WDI | Trademark applications, total [WDI] |
| natresource\_rents\_WDI | Total natural resources rents (% of GDP) [WDI] |
| govt\_consump\_WDI | General government final consumption expenditure (% of GDP) [WDI] |
| GNI\_growth\_WDI | GNI per capita growth (annual %) [WDI] |
| capform\_WDI | Gross fixed capital formation (% of GDP) [WDI] |
| capformraw\_WDI | Gross capital formation (constant 2010 US$) [WDI] |
| govexp\_edu\_WDI | Government expenditure on education, total (% of GDP) [WDI] |
| netoda\_WDI | Net official development assistance received (current US$) [WDI] |
| pop0\_14\_WDI | Population ages 0-14 (% of total) [WDI] |

## Augmented Data: GDP, GDPPC, Growth, Population [WDI\_PW]

Suffix: WDI\_PW

Description: We use data from the Penn World Tables (PWT) to supplement missing values in the WDI data to create “WDI\_PW” variabels for population, gdp, gdp per capita, and growth.[[1]](#footnote-1)

Data Cleaning: None

Ciation:

Graham, Benjamin A.T. and Jacob R. Tucker. 2017. “[The International Political Economy Data Resource](https://urldefense.proofpoint.com/v2/url?u=http-3A__em.rdcu.be_wf_click-3Fupn-3DKP7O1RED-2D2BlD0F9LDqGVeSMN0wJZH-2D2B98IYNMnRK5L3P8-2D3D-5FGNnPkJalgkEpe7D7Qaq3CitGYQK2Ffn0fyNvFahE2JFtatqSbGWLWqPk420KmBctEi89B4lwkAeO31s6VfhS4hjhzyZSaQRvNkAg8pfyQPel).” *Review of International Organizations.* Online First.

The World Bank. World Development Indicators 2015. http://data.worldbank.org/data-catalog/world-development-indicators/wdi-2015. Accessed on June 15, 2015.

Feenstra, Robert C., Robert Inklaar, and Marcel P. Timmer. 2015. “The Next Generation of the Penn World Table.” *American Economic Review* 105(10): 3150–3182. Available for download at www.ggdc.net/pwt.

Terms of Use: Because this data is developed using the World Bank, World Development Indicators data, please refer to the World Bank’s terms of use when using this data: [http://web.worldbank.org/WDISITE/EXTERNAL/0,,contentMDK:22547097~pagePK:50016803~piPK:50016805~theSitePK:13,00.html](http://web.worldbank.org/WBSITE/EXTERNAL/0,,contentMDK:22547097~pagePK:50016803~piPK:50016805~theSitePK:13,00.html)

Years: Number of Countries:

1950-2019 200

|  |  |
| --- | --- |
| gdp\_WDI\_PW | GDP (constant 2005 US$) [WDI\_PW] |
| gdppc\_WDI\_PW | Gross Domestic Product Per Capita [WDI\_PW] |
| growth\_WDI\_PW | GDP growth (annual %) [WDI\_PW] |
| pop\_WDI\_PW | Population, total [WDI\_PW] |
| lngdp\_WDI\_PW | GDP (constant 2005 US$) [WDI\_PW] logged |
| lngdppc\_WDI\_PW | Gross Domestic Product Per Capita [WDI\_PW] logged |
| lnpop\_WDI\_PW | Population, total [WDI\_PW] logged |

## Long-Term Interest Rates OECD [OECD]

Suffix: OECD

Descripion: This dataset includes a broad range of indicators for OECD countries. Here, we draw only long-term interest rates.

Data Cleaning: Regional observations for the Euro Area are dropped (3 observations).

Data: <http://stats.oecd.org/>

Citation:

Organization for Economic Cooperation and Development. 2015. OECD Statistics: Key Short-Term Economic Indicators. <http://stats.oecd.org/>.

Terms of use: This data is governed by the following terms of use:

<http://www.oecd.org/termsandconditions/>

Years: Number of Countries:

1954 – 2018 38

Variables:

|  |  |
| --- | --- |
| ltint\_OECD | Long-term interest rate [OECD], percentage |

## ILOSTAT – International Labor Organization [ILO]

Suffix: ILO

Description: This dataset contains unit labor cost data from the international labor organization for various countries.

Data Cleaning: No observations or data values are dropped changed.

URL:

<http://www.ilo.org/ilostat/faces/oracle/webcenter/portalapp/pagehierarchy/Page27.jspx?subject=EAR&indicator=LAC_XEES_ECO_NB&datasetCode=A&collectionCode=YI&_afrLoop=450386476161074&_afrWindowMode=0&_afrWindowId=o26mf2g7z_356#!%40%40%3Findicator%3DLAC_XEES_ECO_NB%26_afrWindowId%3Do26mf2g7z_356%26subject%3DEAR%26_afrLoop%3D450386476161074%26datasetCode%3DA%26collectionCode%3DYI%26_afrWindowMode%3D0%26_adf.ctrl-state%3Do26mf2g7z_388>

Citation:

International Labour Office (ILO). 2013. ILOSTAT Database (Geneva). <https://www.ilo.org/ilostat>.

Terms of Use: This data is governed by the following terms of use:

<http://www.ilo.org/public/english/disclaim/stats.htm>

Years: Number of Countries:

2008-2017 53

Variables:

|  |  |
| --- | --- |
| unitlaborcost\_ILO | Mean nominal hourly labour cost per employee (Local Currency) [ILO] |

## Li Tax Incentives Data [LI]

Suffix: LI

Description: This dataset contains a measure of the presence of different types of tax incentives including value added tax, corporate income tax, property tax, licensing fees, import dutiesand sales taxes.

Data Cleaning: Append GWNO.

Citation:

Li, Quan. 2006. “Democracy, Autocracy, and Tax Incentives to Foreign Direct Investors: A Cross‐National Analysis.” *Journal of Politics* 68(1): 62–74.

Years Number of Countries:

2006 53

Variables:

|  |  |
| --- | --- |
| taxincentsum\_LI | Sum of six types of tax incentives [LI] |

## World Bank Doing Business Indicators [BZ]

Suffix: BZ

Description: This dataset contains variables that measure barriers to starting and operating a business within each country including the number of days to get permits, costs of starting a business, etc. The World Bank introduced new methodologies to some of the variables in the most recent version. Measures using the new methodologies are only available for the last two years, so we also include the old versions of these variables to obtain better time coverage.

Data Cleaning: Missing values represented by a “..” in the raw data are converted to “.”. Values of “no practice” are changed to “.” Observations for small states (Puerto Rico, Sao Tome and Principe, and West Bank and Gaza) are dropped (30 observations). Two observations for pre-2006 Montenegro are dropped.

Citation:

The World Bank. Doing Business 2016. [www.doingbusiness.org](http://www.doingbusiness.org).

Terms of Use: This data is governed by the following terms of use:

[http://web.worldbank.org/WDISITE/EXTERNAL/0,,contentMDK:22547097~pagePK:50016803~piPK:50016805~theSitePK:13,00.html](http://web.worldbank.org/WBSITE/EXTERNAL/0,,contentMDK:22547097~pagePK:50016803~piPK:50016805~theSitePK:13,00.html)

Codebook:

<http://www.doingbusiness.org/methodology/methodology-note>

Years: Number of Countries:

2004-2019 188

Variables:

|  |  |
| --- | --- |
| rank\_BZ | Ease of Doing Business Rank [WB\_Biz] |
| rank\_sb\_BZ | Starting a Business Rank [WB\_Biz] |
| sb\_proc\_BZ | Starting a business, procedures (number) [WB\_Biz] |
| sb\_time\_BZ | Starting a business, time (days) [WB\_Biz] |
| sb\_cost\_BZ | Starting a business, cost (% of income percapita) [WB\_Biz] |
| sb\_paid\_BZ | Starting a business, paid in min. cap (% of income per capita) [WB\_Biz] |
| rank\_cp\_BZ | Dealing with Construction Permits Rank [WB\_Biz] |
| cp\_proc\_BZ | Dealing with Construction Permits, procedures (number) [WB\_Biz] |
| cp\_time\_BZ | Dealing with Construction Permits, time (days) [WB\_Biz] |
| cp\_cost\_BZ | Dealing with Construction Permits, cost (% of income per capita) [WB\_Biz] |
| rank\_ge\_BZ | Getting Electricity Rank [WB\_Biz] |
| ge\_proc\_BZ | Getting Electricity, procedures (number) [WB\_Biz] |
| ge\_time\_BZ | Getting Electricity, time (days) [WB\_Biz] |
| ge\_cost\_BZ | Getting Electricity, cost (% of income per capita) [WB\_Biz] |
| rank\_rp\_BZ | Registering Property Rank [WB\_Biz] |
| rp\_proc\_BZ | Registering Property, procedures (number) [WB\_Biz] |
| rp\_time\_BZ | Registering Property, time (days) [WB\_Biz] |
| rp\_cost\_BZ | Registering Property, cost (% of income per capita) [WB\_Biz] |
| rank\_gc\_BZ | Getting Credit Rank [WB\_Biz] |
| gc\_legal\_BZ | Getting Credit, strength of legal rights index (0-12) [WB\_Biz] |
| gc\_info\_BZ | Getting Credit, depth of credit information index (0-8) [WB\_Biz] |
| gc\_legal\_old\_BZ | Getting Credit, strength of legal rights index (0-10) old methodology [WB\_Biz] |
| gc\_info\_old\_BZ | Getting Credit, depth of credit information index (0-6) old methodology [WB\_Biz] |
| gc\_pub\_BZ | Getting Credit, public registry coverage (% of adults) [WB\_Biz] |
| gc\_priv\_BZ | Getting Credit, private bureau coverage (% of adults) [WB\_Biz] |
| rank\_pi\_BZ | Protecting Minority Investors Rank [WB\_Biz] |
| pi\_disc\_BZ | Protecting Minority Investors, extent of disclosure index (0-10) [WB\_Biz] |
| pi\_dl\_BZ | Protecting Minority Investors, extent of director liability index (0-10) [WB\_Biz] |
| pi\_shsu\_BZ | Protecting Minority Investors, ease of shareholder suits index (0-10) [WB\_Biz] |
| pi\_shsu\_old\_BZ | Protecting Minority Investors, ease of shareholder suits index (0-10) old methodology [WB\_Biz] |
| pi\_ip\_BZ | Protecting Minority Investors, strength of investor protection index (0-10) [WB\_Biz] |
| pi\_ip\_old\_BZ | Protecting Minority Investors, strength of investor protection index (0-10) old methodology [WB\_Biz] |
| rank\_pt\_BZ | Paying Taxes Rank [WB\_Biz] |
| pt\_pay\_BZ | Paying Taxes, payments (number per year) [WB\_Biz] |
| pt\_time\_BZ | Paying Taxes, time (hours per year) [WB\_Biz] |
| pt\_prof\_BZ | Paying Taxes, profit tax (%) [WB\_Biz] |
| pt\_lab\_BZ | Paying Taxes, labor tax and contributions (%) [WB\_Biz] |
| pt\_other\_BZ | Paying Taxes, other taxes (%) [WB\_Biz] |
| pt\_tot\_BZ | Paying Taxes, total tax rate (% profit) [WB\_Biz] |
| rank\_tr\_BZ | Trading Across Borders Rank [WB\_Biz] |
| tr\_exdo\_old\_BZ | Trading Across Borders, documents to export (number) old methodology [WB\_Biz] |
| tr\_exti\_old\_BZ | Trading Across Borders, time to export (days)old methodology [WB\_Biz] |
| tr\_exco\_old\_BZ | Trading Across Borders, cost to export (US$ per container) old methodology [WB\_Biz] |
| rank\_tr\_BZ | Trading Across Borders, cost to export (US$ per container) [WB\_Biz] |
| tr\_imdo\_BZ | Trading Across Borders, documents to import (number) [WB\_Biz] |
| tr\_imti\_old\_BZ | Trading Across Borders, time to import (days) [WB\_Biz] |
| tr\_imco\_old\_BZ | Trading Across Borders, cost to import (US$ per container) [WB\_Biz] |
| rank\_ec\_BZ | Enforcing Contracts Rank [WB\_Biz] |
| ec\_time\_BZ | Enforcing Contracts, time (days) [WB\_Biz] |
| ec\_cost\_BZ | Enforcing Contracts, cost (% of claim) [WB\_Biz] |
| grank\_ri\_BZ | Resolving Insolvency Rank [WB\_Biz] |
| ri\_time\_BZ | Resolving Insolvency, time (years) [WB\_Biz] |
| ri\_cost\_BZ | Resolving Insolvency, cost (% of estate) [WB\_Biz] |
| ri\_out\_BZ | Resolving Insolvency, outcome (0 as piecemeal sale and 1 as going concern) [WB\_Biz] |
| ri\_reco\_BZ | Resolving Insolvency, recovery rate (cents on the dollar) [WB\_Biz] |

## Global Financial Development Database, Bank Activity [GFD]

Suffix: GFD

Description: This dataset contains information on the characteristics of the banking sector within each country.

Data: [http://databank.worldbank.org/data/views/variableselection/selectvariables.aspx?source=global-financial-development#](http://databank.worldbank.org/data/views/variableselection/selectvariables.aspx?source=global-financial-development)

Data Cleaning: Observations for regions and small states not included in the Gleditsch Ward system are dropped.

Citation:

The World Bank. Global Financial Development Database (GFDD). <http://www.worldbank.org/en/publication/gfdr/data/global-financial-development-database>.

Cihák, Martin, Asli Demirgüç-Kunt, Erik Feyen, and Ross Levine. 2012. “Benchmarking Financial Systems Around the World.” World Bank Policy Research Working Paper 6175, World Bank, Washington, D.C.

Terms of Use: This data is governed by the following terms of use: [http://web.worldbank.org/WDISITE/EXTERNAL/0,,contentMDK:22547097~pagePK:50016803~piPK:50016805~theSitePK:13,00.html](http://web.worldbank.org/WBSITE/EXTERNAL/0,,contentMDK:22547097~pagePK:50016803~piPK:50016805~theSitePK:13,00.html)

Codebook:

[http://databank.worldbank.org/data/views/variableselection/selectvariables.aspx?source=global-financial-development#](http://databank.worldbank.org/data/views/variableselection/selectvariables.aspx?source=global-financial-development)

Years: Number of Countries:

1960-2017 199

Variables:

|  |  |
| --- | --- |
| frmlacct\_GFD | Account at a formal financial institution (% age 15+) [GFD] |
| bk\_acct\_GFD | Bank accounts per 1,000 adults [GFD] |
| bk\_branch\_GFD | Bank branches per 100,000 adults [GFD] |
| finconst\_GFD | Firms identifying access to finance as a major constraint (%)[GFD] |
| firms\_bf\_GFD | Firms using banks to finance investments (%)[GFD] |
| firms\_bw\_GFD | Firms using banks to finance working capital (%)[GFD] |
| firms\_loc\_GFD | Firms with a bank loan or line of credit (%)[GFD] |
| firms\_chksv\_GFD | Firms with a checking or savings account (%)[GFD] |
| loancollat\_GFD | Value of collateral needed for a loan (% of the loan amount) [GFD] |
| wc\_bfin\_GFD | Working capital financed by banks (%)[GFD] |
| fd\_gdp\_GFD | Financial system deposits to GDP (%)[GFD] |
| dc\_priv\_GFD | Domestic credit to private sector (% of GDP) [GFD] |
| bkconc\_GFD | Bank concentration (%)[GFD] |
| bkcrisis\_GFD | Banking crisis dummy (1=banking crisis, 0=none) [GFD] |
| depos\_gdp\_GFD | Bank deposits to GDP (%)[GFD] |
| forbnkast\_GFD | Foreign bank assets among total bank assets (%)[GFD] |
| forbnk\_GFD | Foreign banks among total banks (%)[GFD] |
| h\_stat\_GFD | H-statistic for efficiency measures [GFD] |
| nr\_loan\_GFD | Loans from nonresident banks (amounts outstanding) to GDP (%)[GFD] |
| fb\_cons\_GFD | Consolidated foreign claims of BIS reporting banks to GDP (%)[GFD] |
| gpd\_liab\_GFD | Gross portfolio debt liabilities to GDP (%)[GFD] |
| gpe\_liab\_GFD | Gross portfolio equity liabilities to GDP (%)[GFD] |
| marketcap\_GFD | Stock market capitalization to GDP (%)[GFD] |
| compratio\_GFD | Number of listed companies per 1,000,000 people [GFD] |
| stockvol\_GFD | Stock price volatility [GFD] |

## World Bank MFN Tariff Data [MFN]

Suffix: MFN

Description: This is data that member governments supply annually on the tariffs they apply normally under the non-discrimination principle of most-favoured nation (MFN). Data on lower preferential duties under free trade agreements or preferential schemes for developing countries are available for some members.

Data Cleaning: The original data includes only one set of observations for all European Union states. We create observations for each EU state and assign them the EU tariff value for each year beginning at the year the state joined the EU.

Observations for Bermuda, West Bank and Gaza, and The European Union are dropped (90 observations) because they are not included in the Gleditsch Ward system.

Citation:

The World Bank. 2014. Most-Favored Nation Tariff Data. Data retrieved from World Trade Organization: Tariff Analysis Online. Accessed April 2014.

Terms of Use: This data is governed by the following terms of use: [http://web.worldbank.org/WDISITE/EXTERNAL/0,,contentMDK:22547097~pagePK:50016803~piPK:50016805~theSitePK:13,00.html](http://web.worldbank.org/WBSITE/EXTERNAL/0,,contentMDK:22547097~pagePK:50016803~piPK:50016805~theSitePK:13,00.html)

Year: Number of Countries:

1988-2018 198

Variables:

|  |  |
| --- | --- |
| MFNtariff\_MFN | MFN Applied Tariff Rate (unweighted %) [MFN] |
| iMFN\_tariff\_MFN | MFN Applied Tariff Rate Interpolated [MFN] |

## Data on Central Bank Governors [CBG]

Suffix: CBG

Description: This database contains information on the term in office of central bank governors for almost all countries in the world starting from the year 1970.

Data Source: <https://www.kof.ethz.ch/en/data/data-on-central-bank-governors.html>

Data Cleaning: Observations for small states not included in the Gledistch Ward system are dropped.

Citations:

Dreher, Axel, Jan-Egbert Sturm and Jakob de Haan (2010) “When is a Central Bank Governor Replaced? Evidence Based on a New Data Set” *Journal of Macroeconomics* 32: 766-781.

Dreher, Axel, Jan-Egbert Sturm and Jakob de Haan (2008) “Does high inflation cause central bankers to lose their job? Evidence based on a new data set” *European Journal of Political Economy* 24(4): 778-787.

Sturm, Jan-Egbert and Jakob de Haan (2001) “Inflation in developing countries: does central bank independence matter?” *Ifo Studien* 47(4): 389-403.

Years: Number of Countries:

1970-2018 155

Variables:

|  |  |
| --- | --- |
| bankscount\_CBG | Count of central banks [CBG] |
| timetoturn\_CBG | Time to regular turnover [CBG] |
| numturnover\_CBG | Number of actual turnovers [CBG] |
| regturndummy\_CBG | Regular turnover dummy [CBG] |
| irregturndummy\_CBG | Irregular turnover dummy [CBG] |
| timeinoffice\_CBG | Time in office [CBG] |
| legalduration\_CBG | Legal duration [CBG] |



## Country Policy and Institutional Assessment [CPIA]

Suffix: CPIA

Description: This dataset contains country ratings against a set of 16 criteria grouped in four clusters: economic management, structural policies, policies for social inclusion and equity, and public sector management and institutions.

Data: <https://data.worldbank.org/data-catalog/CPIA>

Data Cleaning: No observations are removed and no data values are changed.

Citation:

Country Policy and Institutional Assessment, World Bank Group

Years: Number of Countries:

2005-2016 82

Variables:

|  |  |
| --- | --- |
| buildhr \_CPIA | CPIA building human resources rating (1=low to 6=high) [CPIA] |
| regenv\_CPIA | CPIA business regulatory environment rating (1=low to 6=high) [CPIA] |
| debtpol\_CPIA | CPIA debt policy rating (1=low to 6=high) [CPIA] |
| econman\_CPIA | CPIA economic management cluster average (1=low to 6=high) [CPIA] |
| effrev\_CPIA | CPIA efficiency of revenue mobilization rating (1=low to 6=high) [CPIA] |
| equitypub\_CPIA | CPIA equity of public resource use rating (1=low to 6=high) [CPIA] |
| finsect\_CPIA | CPIA financial sector rating (1=low to 6=high) [CPIA] |
| fiscpol\_CPIA | CPIA fiscal policy rating (1=low to 6=high) [CPIA] |
| gendereq\_CPIA | CPIA gender equality rating (1=low to 6=high) [CPIA] |
| macroman\_CPIA | CPIA macroeconomic management rating (1=low to 6=high) [CPIA] |
| socinceq\_CPIA | CPIA policies for social inclusion/equity cluster average (1=low to 6=high) [CPIA] |
| envirsus\_CPIA | CPIA policy and institutions for environmental sustainability rating (1=low to 6=high) [CPIA] |
| proprights\_CPIA | CPIA property rights and rule-based governance rating (1=low to 6=high) [CPIA] |
| pubsecman\_CPIA | CPIA public sector management and institutions cluster average (1=low to 6=high) [CPIA] |
| budgfinman\_CPIA | CPIA quality of budgetary and financial management rating (1=low to 6=high) [CPIA] |
| pubadmin\_CPIA | CPIA quality of public administration rating (1=low to 6=high) [CPIA] |
| socipro\_CPIA | CPIA social protection rating (1=low to 6=high) [CPIA] |
| strucpol\_CPIA | CPIA structural policies cluster average (1=low to 6=high) [CPIA] |
| traderat\_CPIA | CPIA trade rating (1=low to 6=high) [CPIA] |
| transpacc\_CPIA | CPIA transparency, accountability, and corruption in the public sector rating (1=low to 6=high) [CPIA] |
| IDAres\_CPIA | IDA resource allocation index (1=low to 6=high) [CPIA] |



## Petroleum Prices from Ross and Mahdavi (2015) [PTO]

Suffix: PTO

Description: Global dataset of oil and natural gas production, prices, exports, and net exports. Oil production and prices data are for 1932-2014 (2014 data are incomplete); gas production and prices are for 1955-2014; export and net export data are for 1986-2013.

Data:

<https://dataverse.harvard.edu/dataset.xhtml?persistentId=doi:10.7910/DVN/ZTPW0Y>

Data Cleaning:

All observations are kept. Variables not listed here are dropped.

Citation:

Ross, Michael and Paasha Mahdavi, 2015, “Oil and Gas Data, 1932-2014,” <https://doi.org/10.7910/DVN/ZTPW0Y>, Harvard Dataverse, V2, UNF:6:xdrpUdF2kYUJYCgVfgMGcQ==

Years: Number of Countries:

1932-2014 180

Variables:

|  |  |
| --- | --- |
| oil\_value\_2014\_PTO | Total value of oil production (volume times world price for oil) [PTO] |
| gas\_value\_2014\_PTO | Total value of gas production (volume times world price for gas) [PTO] |
| oil\_gas\_value\_2014\_PTO | Total value of oil and gas production [PTO] |



## Bilateral Labor Agreements Data [BLA]

Suffix: BLA

Description: This data counts bilateral labor agreements signed by each state. Note that original data was dyadic but has been transformed to monadic form, counting the number of BLAs signed by each state irrespective of other states involved.

Data: <https://www.law.uchicago.edu/bilateral-labor-agreements-dataset>

Data Cleaning: The only unique variables kept were treatytotalN and treatyruntotalN.

Citations:

Chilton, Adam and Eric Posner (Forthcoming) “Why Countries Sign Bilateral Labor Agreements” *Journal of Legal Studies*.

Years: Number of Countries:

1945-2015 203

Variable:

|  |  |
| --- | --- |
| treatytotalN\_BLA | Total number of new treaties signed by the country in the period 1945-2015. This variable is constant for any particular country across all years [BLA] |
| treatyruntotalN\_BLA | Total number of new treaties signed by the country up to, and including, the given year. This variable is a running total of new treaties signed by the country [BLA] |



## KOF Globalisation Index [KOF]

Suffix: KOF

Description: The KOF Globalisation Index measures the economic, social and political dimensions of globalization.

Data: <http://globalization.kof.ethz.ch>

Data Cleaning: Observations for small states not included in the Gledistch Ward system are dropped.

Citation:

Current version of this data:

Gygli, Savina, Florian Haelg and Jan-Egbert Sturm (2018) “The KOF Globalisation Index – Revisited” KOF Working Paper, No. 439.

Original contribution introducing the KOF Globalisation Index:

Dreher, Axel (2006) “Does Globalization Affect Growth? Evidence from a new Index of Globalization” *Applied Economics* 38(10): 1091-1110.

Years: Number of Countries:

1970-2017 194

Variables:

|  |  |
| --- | --- |
| eco\_glob\_KOF | Economic globalization [KOF] |
| act\_flow\_KOF | Actual flows [KOF] |
| restr\_KOF | Restrictions [KOF] |
| soc\_glob\_KOF | Social globalization [KOF] |
| pers\_cont\_KOF | Personal contact [KOF] |
| info\_flow\_KOF | Information flows [KOF] |
| cult\_prox\_KOF | Cultural proximity [KOF] |
| poli\_glob\_KOF | Political globalization [KOF] |
| overallGlob\_index\_KOF | Overall globalization index [KOF] |



## International Labor Mobility [IO]

Suffix: IO

Description: This dataset contains indicators on immigration policy.

Data: <https://www.cambridge.org/core/journals/international-organization/article/international-labor-mobility-and-the-variety-of-democratic-political-institutions/C2C78846B907B949EF80A49EEC74CD9C>

Data Cleaning: None.

Citation:

Bearce, David H. and Andrew Hart (2017) “International Labor Mobility and the Variety of Democratic Political Institutions” *International Organization*, 71(1): 65-95.

Years: Number of Countries:

1996-2012 36

Variables:

|  |  |
| --- | --- |
| FarRight\_IO | Far Right Vote Share [IO] |
| ExternalLaborOpenness\_IO | External Labor Openness [IO] |

## World Bank Statistical Capacity Data [SC]

Suffix: SC

Description: This dataset contains assessments of government’s statistical capacity.

Data: <http://databank.worldbank.org/data/reports.aspx?source=Statistical-capacity-indicators>

Data Cleaning: None.

Citation:

The World Bank. Statistical Capacity Indicators 2018. <http://databank.worldbank.org/data/reports.aspx?source=Statistical-capacity-indicators>. Accessed on July 15, 2018.

Years: Number of Countries:

2004-2017 145

Variables:

|  |  |
| --- | --- |
| statcapacity\_SC | Statistical Capacity score (Overall average) [SC] |
| statcapacity\_sda\_SC | Source data assessment of statistical capacity (scale 0 - 100) [SC] |
| statcapacity\_ma\_SC | Methodology assessment of statistical capacity (scale 0 - 100) [SC] |
| statcapacity\_per\_SC | Periodicity and timeliness assessment of statistical capacity (scale 0 - 100) [SC] |



# Political Datasets

## Cheibub et al. (DD) Democracy and Dictatorship [DD]

Suffix: DD

Description: This dataset contains regime variables that classify countries as dictatorships or democracies.

Data: <https://sites.google.com/site/joseantoniocheibub/datasets/democracy-and-dictatorship-revisited>

Citation:

Cheibub, José Antonio, Jennifer Gandhi, and James Raymond Vreeland. 2010. “Democracy and Dictatorship Revisited.” *Public Choice* 143(2-1): 67-101.

Codebook: <https://sites.google.com/site/joseantoniocheibub/datasets/democracy-and-dictatorship-revisited>

Years: Number of Countries:

1946-2008 197

Variables:

|  |  |
| --- | --- |
| exselec\_DD | Mode of executive election [DD] |
| legselec\_DD | Mode of legislative election [DD] |
| closed\_DD | Status of legislature [DD] |
| dejure\_DD | Legal status of parties [DD] |
| defacto\_DD | De facto existence of parties [DD] |
| defacto2\_DD | Existence of parties outside regime front [DD] |
| democracy\_DD | Dummy variable for democracy [DD] |
| regime\_DD | Regime classification (parliamentary, mil dictatorship, etc.) [DD] |
| ttd\_DD | Dummy for transition to democracy [DD] |
| tta\_DD | Dummy for transition to dictatorship [DD] |

## Polity IV Democracy [P4]

Suffix: P4

Description: This dataset contains information about political regimes, including each country’s polity score and state collapse.

Data Cleaning: Observations for small states (Sardinia) not included in the Gleditsch Ward system are dropped.

There are several country-year duplicates due to regime transitions. We dropped the regime demise observation and kept the regime transition observation. The following observations were dropped: Yugoslavia-1991, Ethiopia-1993, Russia-1922, Vietnam-1976, West Germany-1990, Yemen-1990, Serbia-2006, and North Sudan-2011.

Citation:

Marshall, Monty G., Ted Robert Gurr, and Keith Jaggers. 2015. "Polity IV Project: Political Regime Characteristics and Transitions, 1800-2015.” <http://www.systemicpeace.org/inscrdata.html>

Codebook: <http://www.systemicpeace.org/inscr/p4manualv2015.pdf>

Years: Number of Countries:

1800-2017 186

Variables:

|  |  |
| --- | --- |
| fragment\_P4 | Polity fragmentation [P4] |
| democ\_P4 | Institutionalized democracy [P4] |
| autoc\_P4 | Institutionalized autocracy [P4] |
| polity\_P4 | Combined polity score [P4] |
| polity2\_P4 | Revised combined polity score [P4] |
| durable\_P4 | Regime durability [P4] |
| xconst\_P4 | Executive constraints [P4] |
| parreg\_P4 | Regulation of participation [P4] |
| parcomp\_P4 | Competitiveness of participation [P4] |
| polcomp\_P4 | Political competition [P4] |
| change\_P4 | Total change in polity value [P4] |
| sf\_P4 | State failure [P4] |
| regtrans\_P4 | Regime transition [P4] |

## Varieties of Democracy Dataset [VDEM]

Suffix: VDEM

Description: This dataset contains indicators of democracy.

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

Data Cleaning: Observations for small states not included in the Gleditsch Ward system (Palestine British Mandate, Palestine Gaza, Palestine West Bank, and Somaliland) are dropped.

Citation:

Citation: Coppedge, Michael, John Gerring, Staffan I. Lindberg, Svend-Erik Skaaning,

Jan Teorell, David Altman, Michael Bernhard, M. Steven Fish, Adam Glynn, Allen Hicken, Carl Henrik Knutsen, Kyle L. Marquardt, Kelly McMann, Valeriya Mechkova, Pamela Paxton, Daniel Pemstein, Laura Saxer, Brigitte Seim, Rachel Sigman, and Jeffrey Staton. 2017. “V-Dem Codebook v7.1.” Varieties of Democracy (V-Dem) Project

Codebook: The codebook is available for download: <https://www.v-dem.net/en/data/data-version-7/>

Years: Number of Countries:

1789-2019 195

Variables:

|  |  |
| --- | --- |
| v2x\_polyarchy\_VDEM | Electoral democracy index [VDEM] |
| v2x\_api\_VDEM | Additive polyarchy index [VDEM] |
| v2x\_mpi\_VDEM | Multiplicative polyarchy index [VDEM] |
| v2x\_EDcomp\_thick\_VDEM | Electoral component index [VDEM] |
| v2x\_libdem\_VDEM | Liberal democracy index [VDEM] |
| v2x\_liberal\_VDEM | Liberal component index [VDEM] |
| v2x\_partipdem\_VDEM | Participatory democracy index [VDEM] |
| v2x\_partip\_VDEM | Participatory component index [VDEM] |
| v2x\_delibdem\_VDEM | Deliberative democracy index [VDEM] |
| v2xdl\_delib\_VDEM | Deliberative component index [VDEM] |
| v2x\_egaldem\_VDEM | Egalitarian democracy index [VDEM] |
| v2x\_egal\_VDEM | Egalitarian component index [VDEM] |
| v2x\_frassoc\_thick\_VDEM | Freedom of association (thick) index [VDEM] |
| v2x\_freexp\_thick\_VDEM | Expanded freedom of expression index [VDEM] |
| v2x\_freexp\_VDEM | Freedom of expression index [VDEM] |
| v2xme\_altinf\_VDEM | Alternative sources of information index [VDEM] |
| v2x\_suffr\_VDEM | Share of population with suffrage [VDEM] |
| v2xel\_frefair\_VDEM | Clean elections index [VDEM] |
| v2x\_elecoff\_VDEM | Elected executive index [VDEM] |
| v2xcl\_rol\_VDEM | Equality before the law and individual liberty index [VDEM] |
| v2x\_jucon\_VDEM | Judicial constraints on the executive index [VDEM] |
| v2xlg\_legcon\_VDEM | Legislative constraints on the executive index [VDEM] |
| v2x\_cspart\_VDEM | Civil society participation index [VDEM] |
| v2xdd\_dd\_VDEM | Direct popular vote index [VDEM] |
| v2xel\_locelec\_VDEM | Local government index [VDEM] |
| v2xel\_regelec\_VDEM | Regional government index [VDEM] |
| v2xeg\_eqprotec\_VDEM | Equal protection index [VDEM] |
| v2xeg\_eqdr\_VDEM | Equal distribution of resources index [VDEM] |
| v2xcs\_ccsi\_VDEM | Core civil society index [VDEM] |
| v2xps\_party\_VDEM | Party system institutionalization index [VDEM] |
| v2x\_gender\_VDEM | Women political empowerment index [VDEM] |
| v2x\_gencl\_VDEM | Women civil liberties index [VDEM] |
| v2x\_gencs\_VDEM | Women civil society participation index [VDEM] |
| v2x\_genpp\_VDEM | Women political participation index [VDEM] |
| v2x\_elecreg\_VDEM | Electoral regime index [VDEM] |
| v2xex\_elecreg\_VDEM | Executive electoral regime index [VDEM] |
| v2xlg\_elecreg\_VDEM | Legislative electoral regime index [VDEM] |
| v2xel\_elecparl\_VDEM | Legislative or constituent assembly election [VDEM] |
| v2xlg\_leginter\_VDEM | Legislature closed down or aborted [VDEM] |
| v2xel\_elecpres\_VDEM | Presidential election [VDEM] |
| v2x\_hosinter\_VDEM | Chief executive no longer elected [VDEM] |
| v2x\_corr\_VDEM | Political corruption [VDEM] |
| v2x\_pubcorr\_VDEM | Public sector corruption index [VDEM] |
| v2x\_execorr\_VDEM | Executive corruption index [VDEM] |
| v2x\_divparctrl\_VDEM | Divided party control of legislature [VDEM] |
| v2x\_feduni\_VDEM | Division of power index [VDEM] |
| v2x\_civlib\_VDEM | Civil liberties index [VDEM] |
| v2x\_clphy\_VDEM | Physical violence index [VDEM] |
| v2x\_clpol\_VDEM | Political liberties index [VDEM] |
| v2x\_clpriv\_VDEM | Private liberties index [VDEM] |
| v2elsrgel\_VDEM | Regional Government Elected [VDEM] |
| v2elreggov\_VDEM | Regional Government Exists [VDEM] |
| v2cltrnslw\_VDEM | Transparent laws with predictable enforcement [VDEM] |
| v2juhcind\_VDEM | High court independence [VDEM] |
| v2juhccomp\_VDEM | Government compliance with high court [VDEM] |
| v2jureview\_VDEM | Judicial review [VDEM] |

## Database of Political Institutions (DPI) [DPI]

Suffix: DPI

Description: This dataset contains information about the party system, political parties, and political orientations within each country.

Data Cleaning: Observations for Turkish Cyprus are removed because it is not included in the Gleditsch Ward system.

Citation:

Cruz, Cesi, Philip Keefer, and Carlos Scartascini. 2016. “Database of Political Institutions Codebook, 2015 Update (DPI2015).” Inter-American Development Bank. <http://www.iadb.org/en/research-and-data/publication-details,3169.html?pub_id=IDB-DB-121>.

Beck, Thorsten, George Clarke, Alberto Groff, Philip Keefer, et al. 2001. “New tools in comparative political economy: The Database of Political Institutions.” World Bank Economic Review 15(1): 165–176 (September).

Codebook: <http://idbdocs.iadb.org/wsdocs/getdocument.aspx?docnum=40147744>

Years: Number of Countries:

1975-2017 180

Variables:

|  |  |
| --- | --- |
| system\_DPI | Political System [DPI] |
| yrsoffc\_DPI | Chief Executive Years in Office [DPI] |
| finittrm\_DPI | Finite Term in Office [DPI] |
| yrcurnt\_DPI | Years Left in Current Term [DPI] |
| multpl\_DPI | Can Chief Executive Serve Multiple Terms [DPI] |
| military\_DPI | Is Chief Executive a Military Officer? [DPI] |
| defmin\_DPI | Is Defense Minister a Military Officer? [DPI] |
| percent1\_DPI | President Percentage of Votes, first round [DPI] |
| percentl\_DPI | President Percentage of Votes, last round [DPI] |
| prtyin\_DPI | Party of Chief Executive Length of Time in Office [DPI] |
| execme\_DPI | Name of Executive Party [DPI] |
| execrlc\_DPI | Chief Executive Party Orientation [DPI] |
| execnat\_DPI | Chief Executive Party: Nationalist [DPI] |
| execrurl\_DPI | Chief Executive Party: Rural [DPI] |
| execreg\_DPI | Chief Executive Party: Regional [DPI] |
| execrel\_DPI | Chief Executive Party: Religious [DPI] |
| execage\_DPI | Age of Chief Executive Party [DPI] |
| allhouse\_DPI | Does Party of Executive Control All Houses? [DPI] |
| nonchief\_DPI | Party affiliation of Non-Chief Exec in Systems with both President and PM [DPI] |
| totalseats\_DPI | Total Seats in Legislature [DPI] |
| gov1me\_DPI | Name of Largest Government Party [DPI] |
| gov1seat\_DPI | Number of Seats of Largest Government Party [DPI] |
| gov1vote\_DPI | Vote Share of Largest Government Party [DPI] |
| gov1rlc\_DPI | Largest Government Party Orientation [DPI] |
| gov1nat\_DPI | Largest Government Party: Nationalist [DPI] |
| gov1rurl\_DPI | Largest Government Party: Rural [DPI] |
| gov1reg\_DPI | Largest Government Party: Regional [DPI] |
| gov1rel\_DPI | Largest Government Party: Religious [DPI] |
| gov1age\_DPI | Age of Largest Government Party [DPI] |
| gov2me\_DPI | Name of 2nd Largest Government Party [DPI] |
| gov2seat\_DPI | Number of Seats of 2nd Largest Government Party [DPI] |
| gov2vote\_DPI | Vote Share of 2nd Largest Government Party [DPI] |
| gov2rlc\_DPI | 2nd Largest Government Party Orientation [DPI] |
| gov2nat\_DPI | 2nd Largest Government Party: Nationalist [DPI] |
| gov2rurl\_DPI | 2nd Largest Government Party: Rural [DPI] |
| gov2reg\_DPI | 2nd Largest Government Party: Regional [DPI] |
| gov2rel\_DPI | 2nd Largest Government Party: Religious [DPI] |
| gov2age\_DPI | Age of 2nd Largest Government Party [DPI] |
| gov3me\_DPI | Name of 3rd Largest Government Party [DPI] |
| gov3seat\_DPI | Number of Seats of 3rd Largest Government Party [DPI] |
| gov3vote\_DPI | Vote Share of 3rd Largest Government Party [DPI] |
| gov3rlc\_DPI | 3rd Largest Government Party Orientation [DPI] |
| gov3nat\_DPI | 3rd Largest Government Party: Nationalist [DPI] |
| gov3rurl\_DPI | 3rd Largest Government Party: Rural [DPI] |
| gov3reg\_DPI | 3rd Largest Government Party: Regional [DPI] |
| gov3rel\_DPI | 3rd Largest Government Party: Religious [DPI] |
| gov3age\_DPI | Age of 3rd Largest Government Party [DPI] |
| govoth\_DPI | Number of Other Government Parties [DPI] |
| govothst\_DPI | Number of Seats of Other Government Parties [DPI] |
| govothvt\_DPI | Vote Share of Other Government Parties [DPI] |
| opp1me\_DPI | Name of Largest Opposition Party [DPI] |
| opp1seat\_DPI | Number of Seats of Largest Opposition Party [DPI] |
| opp1vote\_DPI | Vote Share of Largest Opposition Party [DPI] |
| opp1rlc\_DPI | Largest Opposition Party Orientation [DPI] |
| opp1nat\_DPI | Largest Opposition Party: Nationalist [DPI] |
| opp1rurl\_DPI | Largest Opposition Party: Rural [DPI] |
| opp1reg\_DPI | Largest Opposition Party: Regional [DPI] |
| opp1rel\_DPI | Largest Opposition Party: Religious [DPI] |
| opp1age\_DPI | Age of Largest Opposition Party [DPI] |
| opp2me\_DPI | Name of 2nd Largest Opposition Party [DPI] |
| opp2seat\_DPI | Number of Seats of 2nd Largest Opposition Party [DPI] |
| opp2vote\_DPI | Vote Share of 2nd Largest Opposition Party [DPI] |
| opp3me\_DPI | Name of 3rd Largest Opposition Party [DPI] |
| opp3seat\_DPI | Number of Seats of 3rd Largest Opposition Party [DPI] |
| opp3vote\_DPI | Vote Share of 3rd Largest Opposition Party [DPI] |
| oppoth\_DPI | Number of Other Opposition Parties [DPI] |
| oppothst\_DPI | Number of Seats of Other Opposition Parties [DPI] |
| oppothvt\_DPI | Number of Votes of Other Opposition Parties [DPI] |
| ulprty\_DPI | Number of Non-Aligned Parties [DPI] |
| numul\_DPI | Number of Seats of Non-Aligned Parties [DPI] |
| ulvote\_DPI | Vote Share of Non-Aligned Parties [DPI] |
| oppmajh\_DPI | Does One Opposition Party have a Majority in the House? [DPI] |
| oppmajs\_DPI | Does One Opposition Party have a Majority in the Senate? [DPI] |
| dateleg\_DPI | Month Legislative Elections Held [DPI] |
| dateexec\_DPI | Month Presidential Elections Held [DPI] |
| legelec\_DPI | Legislative Election Held [DPI] |
| exelec\_DPI | Presidential Election Held [DPI] |
| liec\_DPI | Legislative Electoral Competitiveness [DPI] |
| eiec\_DPI | Executive Electoral Competitiveness [DPI] |
| mdmh\_DPI | Mean District Magnitude House [DPI] |
| mdms\_DPI | Mean District Magnitude Senate [DPI] |
| ssh\_DPI | Number of Seats in Senate/Total Seats in Both Houses [DPI] |
| plurality\_DPI | Plurality [DPI] |
| pr\_DPI | Proportional Representation [DPI] |
| housesys\_DPI | Electoral Rule House [DPI] |
| sensys\_DPI | Electoral Rule Senate [DPI] |
| thresh\_DPI | Vote Threshold [DPI] |
| dhondt\_DPI | D’Hondt System [DPI] |
| cl\_DPI | Closed List [DPI] |
| select\_DPI | Candidate Selection [DPI] |
| fraud\_DPI | Vote Fraud [DPI] |
| auton\_DPI | Autonomous Regions [DPI] |
| muni\_DPI | Municipal Government [DPI] |
| state\_DPI | State Government [DPI] |
| author\_DPI | State Government Authority over Taxing, Spending, or Legislating [DPI] |
| stconst\_DPI | Are the Constituencies of the Senators the States/Provinces? [DPI] |
| numgov\_DPI | Number of Government Seats [DPI] |
| numvote\_DPI | Vote Share of Government Parties [DPI] |
| numopp\_DPI | Number of Opposition Seats [DPI] |
| oppvote\_DPI | Vote Share of Opposition Parties [DPI] |
| maj\_DPI | Margin of Majority [DPI] |
| partyage\_DPI | Average Age of Parties [DPI] |
| herfgov\_DPI | Herfindahl Index of Government Parties [DPI] |
| herfopp\_DPI | Herfindahl Index of Opposition Parties [DPI] |
| herftot\_DPI | Herfindahl Index Total [DPI] |
| frac\_DPI | Fractionalization Index [DPI] |
| oppfrac\_DPI | Opposition Fractionalization Index [DPI] |
| govfrac\_DPI | Government Fractionalization Index [DPI] |
| tensys\_strict\_DPI | tensys\_strict [DPI] |
| tensys\_DPI | System Tenure [DPI] |
| checks\_lax\_DPI | checks\_lax [DPI] |
| checks\_DPI | Checks and Balances [DPI] |
| stabs\_strict\_DPI | Stability (Threshold: LIEC = 6) [DPI] |
| stabs\_DPI | Stability [DPI] |
| stabns\_strict\_DPI | Stability, single chamber (Threshold: LIEC = 6) [DPI] |
| stabns\_DPI | Stability, single chamber [DPI] |
| tenlong\_strict\_DPI | Longest Tenure of a Veto Player (Threshold: LIEC = 6) [DPI] |
| tenlong\_DPI | Longest Tenure of a Veto Player [DPI] |
| tenshort\_strict\_DPI | Shortest Tenure of a Veto Player (Threshold: LIEC = 6) [DPI] |
| tenshort\_DPI | Shortest Tenure of a Veto Player [DPI] |
| polariz\_DPI | Polarization [DPI] |

## Geddes, Wright and Frantz Regime Type Data [GE]

Suffix: GE

Description: This dataset includes information about different types of political regimes, violence during regime failure events, different categories of regime failure events, etc.

Data: <http://sites.psu.edu/dictators/>

Data Cleaning: Each case is expanded into country-year format. Regime types are collapsed into four categories: *political regime*, *personalist regime*, *monarchy*, *and military regime*.

Citation:

Geddes, Barbara, Joseph Wright, and Erica Frantz. 2014. “Autocratic breakdown and regime transitions: A new data set.” *Perspectives on Politics* 12(2): 313–331.

Codebook: <http://sites.psu.edu/dictators/wp-content/uploads/sites/12570/2016/05/GWF-Codebook.pdf>

Years: Number of Countries:

1946-2010 118

Variables:

|  |  |
| --- | --- |
| spell\_GE | Time invariant count of number of years in power [Geddes] |
| duration\_GE | Time at risk of failure at time t [Geddes] |
| fail\_GE | Binary variable indicating regime failure (fail==1) [Geddes] |
| fail\_subsregime\_GE | Regime failure, transition to [Geddes] |
| fail\_type\_GE | Regime failure, type (howend) [Geddes] |
| fail\_violent\_GE | Regime failure, violence [Geddes] |
| regimetype\_GE | Regime type, including hybrids (10) [Geddes] |
| party\_GE | Party regime (including hybrids, oligarchy, and Iran) [Geddes] |
| personal\_GE | Personalist regime [Geddes] |
| military\_GE | Military regime (including military personel and indirect military) [Geddes] |
| monarch\_GE | Monarchy [Geddes] |

## Boix, Miller, and Rosato Democracy Data [BX]

Suffix: BX

Description: This dataset provides a comprehensive, dichotomous measure of democracy where a democratic country is one that satisfies conditions for both contestation and participation.

Data: <https://sites.google.com/site/mkmtwo/data>

Data Cleaning: Data from 2011-2015 are unofficial. Observations for Serbia prior to 1877 are dropped. Observations for the Central American Union are dropped. One observation for the “German Federal Republic” in 1990 is dropped to favor using united Germany. Observations for Kosovo in 2010-2015 are dropped.

Citation:

Boix, Carles, Michael K. Miller, and Sebastian Rosato. 2012. “A Complete Data Set of Political Regimes, 1800-2007.” *Comparative Political Studies* 46(12): 1523–1554.

Years: Number of Countries:

1800-2015 210

Variables:

|  |  |
| --- | --- |
| democracy\_BX | Democracy [Boix] |
| democracy\_femalesuffrage\_BX | Female Suffrage [Boix] |
| democracy\_trans\_BX | Democratic Transition [Boix] |
| democracy\_breakdowns\_BX | Democratic Breakdown [Boix] |
| democracy\_duration\_BX | Democratic Duration [Boix] |
| democracy\_omitteddata\_BX | Democracy Omitted Data [Boix] |

## System Level Democracy [DE]

Suffix: DE

Description: These system-level democracy measures are built from the Boix et al. data above. This data was created by Graham, Fariss and Gartzke.

Data Cleaning: Add data to each Country and Year

Citation:

Boix, Carles, Michael K. Miller, and Sebastian Rosato. 2012. “A Complete Data Set of Political Regimes, 1800-2007.” Comparative Political Studies 46(12): 1523–1554.

Graham, Benjamin A.T., Erik Gartzke, and Christopher J. Fariss. 2015. “The Bar Fight Theory of International Conflict: Regime Type, Coalition Size, and Victory.” *Political Science Research and Methods* FirstView: 1–27.

Years: Number of Countries:

1816-2015 227

Variables:

|  |  |
| --- | --- |
| democracy\_share\_DE | System Level Democratic Share [DE] |
| democracy\_count\_DE | Count of Democracies in the System [DE] |
| lndemsys\_DE | Count of Democracies in the System (logged) [DE] |

## Inclusion, Dispersion, and Constraint Data on Powersharing [IDC]

Suffix: IDC

Description: The Inclusion, Dispersion, and Constraints dataset measures underlying political structures and their ability to support credible policy commitments. We present here version 1.2 of the data. Version 1.2 of the IDC data corrects several coding errors in the federalism-related variables – mostly related to adjusting the dates on which institutional changes occurred. Version 1.0 was introduced by Strøm et al. (2017). Version 1.2 was introduced by Graham and Strøm (2017).

Data Cleaning: Two blank observations for Yugoslavia are dropped.

Citation:

Strøm, Kaare, Scott Gates, Benjamin A.T. Graham and Håvard Strand. 2017*.* “[Inclusion, Dispersion, and Constraint: Powersharing in the World’s States, 1975-2010.](http://journals.cambridge.org/action/displayAbstract?fromPage=online&aid=9931992&fileId=S0007123415000174)” *British Journal of Political Science* 47(1): 165-185*.*

Graham, Benjamin A.T., and Kaare W. Strøm. "[Variations in Federalism: Explaining Subnational Policy Authority](http://papers.ssrn.com/sol3/papers.cfm?abstract_id=2533599).” Working Paper. <https://papers.ssrn.com/sol3/papers.cfm?abstract_id=2533599>

Years: Number of Countries:

1975-2010 180

Variables:

|  |  |
| --- | --- |
| inclusive\_IDC | Inclusive powersharing [IDC] |
| dispersive\_IDC | Dispersive Powersharing [IDC] |
| constraining\_IDC | Constraining Powersharing [IDC] |
| inclusive\_imp\_IDC | Inclusive with missing values imputed [IDC] |
| dispersive\_imp\_IDC | Dispersive with missing values imputed [IDC] |
| constraining\_imp\_IDC | Constraining with missing values imputed [IDC] |
| inclusive\_nm\_IDC | Inclusive with missing values replaced as 0 [IDC] |
| dispersive\_nm\_IDC | Dispersive with missing values replaced as 0 [IDC] |
| constraining\_nm\_IDC | Constraining with missing values replaced as 0 [IDC] |
| constsusp\_IDC | Constitution Suspended [IDC] |
| treaty\_IDC | Treaty serving in lieu of a constitution [IDC] |
| martiallaw\_binary\_IDC | Martial Law [IDC] |
| gcman\_IDC | Grand Coalition (mandated) [IDC] |
| gcimp\_IDC | Grand Coalition (implemented) [IDC] |
| unity\_IDC | National Unity Government [IDC] |
| gcseats1\_IDC | Grand Coalition by Seats (Two largest parties in government) [IDC] |
| gcseats2\_IDC | Grand Coalition by Seats (Excess Party in Coalition) [IDC] |
| gcseats3\_IDC | Grand Coalition by Seats (Either gscseats1 or gcseats2 = 1) [IDC] |
| gcnew\_IDC | gcman or unity = 1 [IDC] |
| partynoethnic\_IDC | Ethnic Party Ban [IDC] |
| mveto\_IDC | Mutual Veto [IDC] |
| resman\_IDC | Reserved Executive Positions (Mandated) [IDC] |
| resimp\_IDC | Reserved Executive Positions (Implemented) [IDC] |
| resseats\_IDC | Reserved Seats (Mandated) [IDC] |
| resseats2\_IDC | Reserved Seats Binary (Mandated) [IDC] |
| resseatsimp\_IDC | Reserved Seats (Implemented) [IDC] |
| relestablish\_IDC | State Establishment of Religion [IDC] |
| relestablish\_binary\_IDC | State Establisment of Religion [IDC] |
| relrestrict\_IDC | State Restriction of (minority) religions [IDC] |
| relconstp\_IDC | Religion Protected (Practice) [IDC] |
| relconstd\_IDC | Religion Protected (Discrimination) [IDC] |
| stconst\_IDC | Regional Constituencies in the Upper House [IDC] |
| state\_IDC | State/Provincial Governments Locally Elected [IDC] |
| state\_dummy1\_IDC | state\_dummy1\_IDC [IDC] |
| state\_dummy2\_IDC | state\_dummy2\_IDC [IDC] |
| muni\_IDC | Municipal Governments Locally Elected [IDC] |
| subtax\_IDC | Sub-National Tax Authority [IDC] |
| subed\_IDC | Subnational Education Authority [IDC] |
| subpolice\_IDC | Subnational Police Authority [IDC] |
| auton\_IDC | Asymmetric Federalism [IDC] |
| milleg\_IDC | Military Legislator Ban [IDC] |
| miman\_IDC | Inclusive Military [IDC] |
| mfound\_IDC | Foundational Military [IDC] |
| milparty\_IDC | Constitutional Provision Against Military Party Membership [IDC] |
| milparty2\_IDC | Mandatory Party Membership for Military [IDC] |
| jtenure\_IDC | Judicial Tenure [IDC] |
| jtenure\_dummy1\_IDC | jtenure\_dummy1\_IDC [IDC] |
| jtenure\_dummy2\_IDC | jtenure\_dummy2\_IDC [IDC] |
| jcause\_IDC | Judges can be removed without cause [IDC] |
| japptbr\_IDC | Judicial Appointment Authority Divided [IDC] |
| jconst\_IDC | Judicial Constitution [IDC] |
| jrevman\_IDC | Judicial Review [IDC] |
| violation\_IDC | Violation of Mandated Powersharing [IDC] |
| pr\_IDC | Proportional Representation [IDC] |

## Linzer and Staton Latent Measure of Judicial Independence [LS]

Suffix: LS

Description: This data includes Linzer and Staton’s latent measure of judicial independence.

Data Cleaning: Observations for East and West Germany after 1989 and observations for united Germany are dropped between 1979 and 1990. One observation for united Yemen in 1990 is dropped to favor keeping divided Yemen in 1990.

Citation:

Linzer, Drew A., and Jeffrey K. Staton. 2015. “A global measure of judicial independence, 1948–2012.” *Journal of Law and Courts* 3(2): 223–256.

Years: Number of Countries:

1948-2012 198

Variables:

|  |  |
| --- | --- |
| lji\_LS | Latent Judicial Independence Measure [LS] |

## La Porta Judicial Checks and Balances [JCB]

Suffix: JCB

Description: This dataset consists of independent measures of judicial independence and constitutional review across 71 different countries and dependent measures of economic and political freedom. Many of the measures come from national constitutions which do not change rapidly.

Data Cleaning: To convert to country-year format, the year used is the year in which the variable was measured or the year the original source published the measure. Where the year is unclear, the year 1997 is used as an estimate.

Citation:

La Porta, Rafael, Florencio López‐de‐Silanes, Cristian Pop‐Eleches, and Andrei Shleifer. 2004. “Judicial Checks and Balances.” *Journal of Political Economy* 112(2): 445–470.

Codebook:

<http://faculty.tuck.dartmouth.edu/images/uploads/faculty/rafael-laporta/jcb_variable_description.pdf>

Years: Number of Countries:

1973-2003 71

Variables:

|  |  |
| --- | --- |
| avelf\_JCB | Avg. val. Of five indices of ethnolinguistic fractionalization (0-5). [JCB] |
| index\_labor1\_JCB | Level of worker protection through labor and employment laws. 0.77-2.31. [JCB] |
| pright\_JCB | Index of political rights in 1996 (1-7). [JCB] |
| legor\_uk\_JCB | Origin of Company Law/Commercial Code is the English Common Law. [JCB] |
| legor\_fr\_JCB | Origin of Company Law/Commercial Code is the French Commercial Code. [JCB] |
| legor\_so\_JCB | Origin of Company Law/Commercial Code is the German Commercial Code. [JCB] |
| legor\_ge\_JCB | Origin of Company Law/Commercial Code is the Scandinavian Commercial Code. [JCB] |
| legor\_sc\_JCB | Origin of Company Law/Commercial Code is Socialist/Communist laws. [JCB] |
| lat\_abst\_JCB | Absolute val. of the latitude of the country, values scaled 0-1. [JCB] |
| f\_prop97\_JCB | Rating of property rights in each country in 1997 (1-5). [JCB] |
| caselaw\_JCB | Dummy variable. 1 if judicial decisions are a source of law, 0 otherwise. [JCB] |
| sc\_ten\_JCB | Tenure of Supreme Court judges (0-2). [JCB] |
| ac\_ten\_JCB | Tenure of highest ranked judges ruling on administrative cases. 0-2. [JCB] |
| jud\_rev\_JCB | Extent, judges have power to review the constitutionality of laws. 0-2. [JCB] |
| P\_dem94\_JCB | Democracy score in 1994 (0-10). Lower score ,less democracy. [JCB] |
| lgdp\_98\_JCB | Logarithm of GDP/cap. in 1998 (USD). 4.5-10.5 in the sample. [JCB] |
| rigid\_JCB | How hard it is to change the constitution in a given country. (1-4). [JCB] |
| humana\_9\_JCB | Based on three major UN treaties. Higher scores, better human rights. [JCB] |
| proc\_99\_JCB | Number of procedures for a start-up to obtain a legal status (2-19). [JCB] |
| index\_labor1\_JCB | Level of worker protection through labor and employment laws. 0.77-2.31. [JCB] |
| gb\_per\_JCB | Share of assets of top 10 banks owned by the government in 1995. [JCB] |
| new\_constitutional\_JCB | Sum of: judiciary review ind., rigidity of const. ind. [JCB] |
| new\_independence\_JCB | Sum of: tenure of Sup. Ct. judges, admin. Ct. judges, case law var. [JCB] |

## World Bank Worldwide Governance Indicators (WDI\_WGI) [WGI]

Suffix: WGI

Description: This dataset contains measures of political stability, government accountability, and rule of law within a country.

Data:

<http://info.worldbank.org/governance/wgi/#home>

Data Cleaning:

Reshape the table to display indicators as columns. Drops 15 observations for small countries not included in the Gleditsch Ward system. Change the following country names because R does not recognize special characters:

C\xf4te d'Ivoire ==> "Cote dIvoire"

R\xe9union ==> "Reunion"

S\xe3o Tom\xe9 and Principe ==> "Sao Tome & Principe"

Citation:

Kaufmann, Daniel, Aart Kraay, and Massimo Mastruzzi. 2009. "Governance Matters VIII: Aggregate and Individual Governance Indicators, 1996-2008." World Bank Policy Research Working Paper 4978. Available at [http://papers.ssrn.com/sol3/papers.cfm?abstract\_id=1424591](https://urldefense.proofpoint.com/v2/url?u=http-3A__papers.ssrn.com_sol3_papers.cfm-3Fabstract-5Fid-3D1424591&d=DQMFaQ&c=clK7kQUTWtAVEOVIgvi0NU5BOUHhpN0H8p7CSfnc_gI&r=y1jNkeR6XxG73tQLZLmfIQ&m=xOHTdMIrbt6dWvFBt5UNQ7HeKcX8zNb1nEymMq-e_4I&s=-VwpZs5LAyuqrrstmAQXvophJnptMGkr3F4IpEImc7s&e=)

Kaufmann, Daniel, Aart Kraay, and Massimo Mastruzzi. 2011. “The Worldwide Governance Indicators: Methodology and Analytical Issues.” *Hague Journal on the Rule of Law* 3(2): 220–246. doi:10.1017/S1876404511200046.

Terms of Use: This data is governed by the following terms of use: [http://web.worldbank.org/WDISITE/EXTERNAL/0,,contentMDK:22547097~pagePK:50016803~piPK:50016805~theSitePK:13,00.html](http://web.worldbank.org/WBSITE/EXTERNAL/0,,contentMDK:22547097~pagePK:50016803~piPK:50016805~theSitePK:13,00.html)

Codebook: <http://info.worldbank.org/governance/wgi/resources.htm>

Years: Number of Countries:

1996-2017 198

Variables:

|  |  |
| --- | --- |
| VA\_EST\_WGI | Voice and accountability, estimate [WB WGI] |
| PV\_EST\_WGI | Political stability absence of violence, estimate [WB WGI] |
| GE\_EST\_WGI | Government effectiveness, estimate [WB WGI] |
| GQ\_EST\_WGI | Regulatory quality, estimate [WB WGI] |
| RL\_EST\_WGI | Rule of law, estimate [WB WGI] |
| CC\_EST\_WGI | Control of corruption, estimate [WB WGI] |

## State Fragility Index (SFI) [SFI]

Suffix: SFI

Description: This dataset rates each country’s stability based upon political, social, and economic factors

Data: <http://www.systemicpeace.org/inscrdata.html>

Data Cleaning: None

Citation:

Marshall, Monty G., and Benjamin R. Cole. 2011. “State Fragility Index and Matrix 2011.” Center for Systemic Peace. http://www.systemicpeace.org/inscr/inscr.htm.

Monty G. Marshall and Benjamin R. Cole. 2011. *Global Report 2011: Conflict, Governance, and State Fragility*. Vienna, VA: Center for Systemic Peace.

Codebook: <http://www.systemicpeace.org/vlibrary/GlobalReport2014.pdf>

Years: Number of Countries:

1995-2016 168

Variables:

|  |  |
| --- | --- |
| sfi\_SFI | State fragility index [SFI] |
| effect\_SFI | Effectiveness score [SFI] |
| legit\_SFI | Legitimacy score [SFI] |
| seceff\_SFI | Security effectiveness score [SFI] |
| secleg\_SFI | Security legitimacy score [SFI] |
| poleff\_SFI | Political effectiveness score [SFI] |
| polleg\_SFI | Political legitimacy score [SFI] |
| ecoeff\_SFI | Economic effectiveness score [SFI] |
| ecoleg\_SFI | Economic legitimacy score [SFI] |
| soceff\_SFI | Social effectiveness score [SFI] |
| socleg\_SFI | Social legitimacy score [SFI] |

## Sustainable Governance Indicators [SGI]

Suffix: SGI

Description: This dataset provides measures of sustainable governance practices for 41 countries.

Data: <http://www.sgi-network.org/2016/Downloads>

Data Cleaning: No observations are changed or removed.

Citation:

Bertelsmann Stiftung. 2016. Sustainable Governance Indicators

2016. <http://www.sgi-network.org/2016/Downloads>.

Codebook: <http://www.sgi-network.org/docs/2016/basics/SGI2016_Codebook.pdf>

Years: Number of Countries:

2014-2018 41

Variables:

|  |  |
| --- | --- |
| corrupprev\_SGI | Rule of Law: Corruption Prevention [SGI] |

## Rule of Law Index [WJP]

Suffix: WJP

Description: This dataset provides measurements on how the rule of law is experienced by the general public in countries around the globe.

Data: <http://worldjusticeproject.org/rule-of-law-index>

Data Cleaning:

The Rule of Law Index 2012-2013 Scores are categorized as the data for 2013. The headers of dataset are dropped.

Citation:

The World Justice Project. 2016. Rule of Law Index. <http://worldjusticeproject.org/rule-of-law-index>.

Codebook: <https://worldjusticeproject.org/our-work/publications/rule-law-index-reports/wjp-rule-law-index%C2%AE-2016-report>

Years: Number of Countries:

2013-2019 126

Variables:

|  |  |
| --- | --- |
| adr\_acces\_WJP | ADRs are accessible, impartial, and effective [WJP] |
| civil\_cf\_WJP | Civil conflict is effectively limited [WJP] |
| cj\_crpt\_WJP | Civil justice is free of corruption [WJP] |
| cj\_delay\_WJP | Civil justice is not subject to unreasonable delays [WJP] |
| cj\_disc\_WJP | Civil justice is free of discrimination [WJP] |
| cj\_enfor\_WJP | Civil justice is effectively enforced [WJP] |
| crime\_ctrl\_WJP | Crime is effectively controlled [WJP] |
| due\_admin\_WJP | Due process is respected in administrative proceedings [WJP] |
| exec\_crpt\_WJP | Executive branch officials do not use public office for private gain [WJP] |
| expr\_comp\_WJP | The Government does not expropriate without adequate compensation [WJP] |
| gov\_reg\_WJP | Government regulations are applied and enforced without improper influence [WJP] |
| judic\_crpt\_WJP | Judicial branch officials do not use public office for private gain [WJP] |
| legis\_crpt\_WJP | Legislative branch officials do not use public office for private gain [WJP] |
| milt\_crpt\_WJP | Police and Military officials do not use public office for private gain [WJP] |
| ppl\_cj\_WJP | People have access to affordable civil justice [WJP] |

## Bertelsmann Transformation Index [BTI]

Suffix: BTI

Description: This dataset analyzes and evaluates the quality of democracy, a market economy and political management in developing and transitioning countries. It measures successes and setbacks on the path toward a democracy based on the rule of law and a socially responsible market economy.

Data: <http://www.bti-project.org/en/index/>

Data Cleaning:

The spreadsheet’s header and footer are deleted.

Citation:

Bertelsmann Stiftung. 2016. Transformation Index BTI 2016. <http://www.bti-project.org/en/index/>.

Codebook: <http://www.bti-project.org/fileadmin/files/BTI/Downloads/Zusaetzliche_Downloads/Codebook_BTI_2016.pdf>

Years: Number of Countries:

2006, 2008, 2010, 2012, 2014, 2016, 2018 130

Variables:

|  |  |
| --- | --- |
| prty\_rights\_BTI | Extent of government ensuring private property rights and regulations [BTI] |
| edu\_rd\_BTI | Successfulness of education policies and government support for R&D [BTI] |

## CPIA Property Rights and Rule-Based Governance Rating [IDA]

Suffix: IDA

Description: This dataset assesses the extent to which private economic activity is facilitated by an effective legal system and rule-based governance structure in which property and contract rights are reliably respected and enforced.

Data: <http://data.worldbank.org/indicator/IQ.CPA.PROP.XQ>

Data Cleaning:

Observations for regions and small countries not included in the Gleditsch-Ward system are removed (748 observations deleted)

Citation:

World Bank Group. 2016. CPIA Database. <http://worldbank.org/ida>.

Terms of Use: This data is governed by the following terms of use: [http://web.worldbank.org/WDISITE/EXTERNAL/0,,contentMDK:22547097~pagePK:50016803~piPK:50016805~theSitePK:13,00.html](http://web.worldbank.org/WBSITE/EXTERNAL/0,,contentMDK:22547097~pagePK:50016803~piPK:50016805~theSitePK:13,00.html)

Years: Number of Countries:

2005-2017 197

Variables:

|  |  |
| --- | --- |
| pr\_rbgovn\_IDA | Measure of Property Rights and Rule Based Governance [IDA] |

## Cingranelli-Richards (CIRI) Human Rights Dataset [CR]

Suffix: CR

Description: This dataset contains information on government adherence to 13 internationally recognized human rights in different countries throughout the world.

Data Cleaning: Observations for Serbia and Montenegro after 2005 are dropped. Observations for Serbia before 2006 are dropped. Observations for Yugoslavia after 1991 are dropped. Observations for Yugoslavia, Fedral Republic of before 1992 are dropped. Observations for the Soviet Union after 1991 are dropped. Observations for Russia before 1992 are dropped. Observations for the Yemen Arab Republic after 1990 are dropped. Observations for united Yemen before 1991 are dropped.

Citation:

Cingranelli, David L., David L. Richards and K. Chad Clay. 2014. “The CIRI Human Rights Dataset”. <http://www.humanrightsdata.com>. Dataset Version: 2014.04.14

Cingranelli, David L., and David L. Richards. 2014. “The Cingranelli-Richards (CIRI) Human Rights Data Project Coding Manual Version 5.20.14.” <http://www.humanrightsdata.com/p/data-documentation.html>.

Codebook:

<http://www.humanrightsdata.com/p/data-documentation.html>

Years: Number of Countries:

1981-2011 197

Variables:

|  |  |
| --- | --- |
| physint\_CR | Physical integrity rights index [CIRI] |
| disap\_CR | Disappearnace [CIRI] |
| kill\_CR | Extrajudicial killing [CIRI] |
| polpris\_CR | Political imprisonment [CIRI] |
| tort\_CR | Torture [CIRI] |
| assn\_CR | Freedom of assembly and association [CIRI] |
| formov\_CR | Freedom of foreign movement [CIRI] |
| dommov\_CR | Freedom of domestic movement [CIRI] |
| old\_move\_CR | Freedom of movement before 2007 [CIRI] |
| speech\_CR | Freedom of speech [CIRI] |
| elecsd\_CR | Electoral self-determination [CIRI] |
| old\_relfre\_CR | Freedom of religion before 2007 [CIRI] |
| new\_relfre\_CR | Freedom of religion from 2007 [CIRI] |
| worker\_CR | Worker's rights [CIRI] |
| wecon\_CR | Women's economic rights [CIRI] |
| wopol\_CR | Women's political rights [CIRI] |
| wosoc\_CR | Women's social rights [CIRI] |
| injud\_CR | Independence of the judiciary [CIRI] |

## Fariss Latent Human Rights Protection [FA]

Suffix: FA

Description: This dataset includes several different measures of human rights protection.

Data Cleaning: Missing data codes of “NA” are replaced with “.” Observations for the Palestinian Authority are dropped. An observation for the German Federal Republic in 1990 is dropped to favor United Germany. An observation for Yemen in 1990 is dropped to favor divided Yemen.

Codebook:

<http://thedata.harvard.edu/dvn/dv/CJFariss/faces/study/StudyPage.xhtml;jsessionid=e7af33cc17dea625f160fbbfe463?globalId=doi:10.7910/DVN/24872&studyListingIndex=0_e7af33cc17dea625f160fbbfe463>

Citation:

Fariss, Christopher J. 2014. “Respect for human rights has improved over time: Modeling the changing standard of accountability.” *American Political Science Review* 108(2): 297–318.

Schnakenberg, Keith E., and Christopher J. Fariss. 2014. “Dynamic Patterns of Human Rights Practices.” *Political Science Research and Methods* 2(1): 1–31.

Years: Number of Countries:

1949-2010 200

Variables:

|  |  |
| --- | --- |
| disap\_FA | 3 category ordered variable for disappearances from the CIRI dataset [FA] |
| kill\_FA | 3 category ordered variable from extra-judical killing the CIRI dataset [FA] |
| polpris\_FA | 3 category ordered variable for political imprisonment from the CIRI dataset [FA] |
| tort\_FA | 3 category ordered variable for torture from the CIRI dataset [FA] |
| amnesty\_FA | 5 category [FA] |
| state\_FA | 5 category [FA] |
| hathaway\_FA | 5 category ordered variable for torture from the Hathaway (2002) article. [FA] |
| itt\_FA | 6 category ordered variable for torture from the ITT dataset [FA] |
| genocide\_FA | a binary variable for genocide from Harff's 2003 APSR article [FA] |
| rummel\_FA | a binary variable for politicide/genocide based on data from Rummel [FA] |
| massive\_repression\_FA | a binary variable for massive repressive events taken from Harff and Gurr's 1988 ISQ article [FA] |
| executions\_FA | a binary variable taken from the World Handbook of political indicators [FA] |
| killing\_FA | binary version based on the UCDP one sided violence count data [FA] |
| additive\_FA | the CIRI Physint scale [FA] |
| latentmean\_FA | the posterior mean of the latent variable (i.e. human rights protection) [FA] |
| latentsd\_FA | the standard deviation of the posterior estimates for human rights protection [FA] |

## Economic Globalization and Collective Labor Rights Dataset [MU]

Suffix: MU

Description: This dataset includes indicators of labor rights for developing nations.

Data Cleaning: Observations for Tahiti and West Bank and Gaza are dropped because they are not included in the Gleditsch Ward system.

Citation:

Mosley, Layna, and Saika Uno. 2007. “Racing to the Bottom or Climbing to the Top? Economic Globalization and Collective Labor Rights.” *Comparative Political Studies* 40(8): 923–948.

Codebook: <http://www.unc.edu/~lmosley/CPSDataAppendixJuly2007.pdf>

Years: Number of Countries:

1985-2002 138

Variables:

|  |  |
| --- | --- |
| laborrights\_MU | Mosley-Uno measure of collective labor rights [MU] |

## Reporters Without Borders: Freedom of the Press [FP]

Suffix: FP

Description: An alternate freedom of the press measure from Reporters Without Borders.

Data Cleaning:

Append new downloaded data 2015-2016 to the previous dataset 2012-2014 we previously downloaded, and reshape the dataframe. Missing data codes are changed from “-” to “NA”. Values of 2012 Rank for Isreal “92 – 133” are changed to “92”. Observations for Cote d’Ivoire has special character that R does not recognize “C\xf4te d'Ivoire”. Observations for Cyprus North, OECS, Palestine are dropped because they do not have GWNO number.

Citation:

Reporters Without Borders. 2017. "World Press Freedom Index". <https://rsf.org/en/ranking>.

Codebook: <https://rsf.org/en/ranking_table?sort=asc&order=Country>

Years: Number of Countries:

2012-2020 178

Variables:

|  |  |
| --- | --- |
| Rank\_FP | Reporters without Borders Press Freedom Annual Ranking [FP] |
| Score\_FP | Reporters with Borders Press Freedom Score [FP] |

## Freedom House: Freedom of the Press [FHP]

Suffix: FHP

Description: Freedom House data on freedom of the press in countries.

Data Cleaning: Values of “N/A” are changed to missing values. Values of “NF” are changed to 0. Values of “PF” are changed to 1. Values of “F” are changed to 2.

Observations for West Germany after 1989 are dropped. Values for united Germany before 1990 are dropped. Values for Yugoslavia after 1993 are dropped. Values for Serbia and Montengro before 1993 are dropped. Values for Russia before 1992 are dropped. Values for the Soviet Union after 1991 are dropped. Values for North Yemen after 1989 are dropped. Values for united Yemen before 1990 are dropped. Observations for small states not included in the Gleditsch Ward system are dropped.

Codebook: <https://freedomhouse.org/report/freedom-press-2016-methodology> (Freedom of the Press 2016 Methodology)

Citation:

Freedom House. Freedom of the Press Indicators. "Freedom in the World 2013." https://freedomhouse.org/report/freedom-press/freedom-press-2013.

Years: Number of Countries:

1979-2016 199

Variables:

|  |  |
| --- | --- |
| sr\_FHP | Numerical Score [FHP] |
| ss\_FHP | Free status [FHP] |
| p\_FHP | Printing press freedom [FHP] |
| b\_FHP | Broadcast press freedom [FHP] |

## HRV Transparency Data [HRV]

Suffix: HRV

Description: This dataset contains the HRV transparency index value for each country, which measures transparency for a given country in a given year.

Data: <http://0001c70.wcomhost.com/wp2/download-data/>

Data Cleaning: No observations or data values are changed.

Citation:

Hollyer, James R., B. Peter Rosendorff, and James Raymond Vreeland. 2014. “Measuring Transparency.” *Political Analysis* 22(4): 413–434.

Years: Number of Countries:

1980-2010 125

Variables:

|  |  |
| --- | --- |
| transparencyindex\_HR | The point estimate of the HRV index for each country and year. [HRV] |
| transparencyindexub\_HR | The estimated upper bound of the HRV index for each country and year. [HRV] |
| transparencyindexlb\_HR | The estimated lower bound of HRV index for each country and year. [HRV] |
| transparencyindexsd\_HR | The standard deviation of “HRV index” for each country and year. [HRV] |
| transdiff\_HR | The estimated one-year change in HRV index for each country and year. [HRV] |
| transdiffub\_HR | The estimated upper bound of a one year change in the HRV index for each country and year. [HRV] |
| transdifflb\_HR | The estimated lower bound of a one-year change in the HRV index for each country and year. [HRV] |

## Transparency International Corruption Perceptions Index 2016 [TI]

Suffix: TI

Description: This dataset contains the Transparency International corruption index score for each country. Scores range 0-100, with zero meaning 0 highly corrupt and 100 meaning very transparent.

Data: <http://www.transparency.org/permissions/#datasets>

Data Cleaning: Observations for “Ethiopia (-1992),” “Pakistan (-1971),” “Germany, West,” and “Vietnam, North” are dropped. Observations for Serbia and Montenegro after 2005 are dropped. Observations for Serbia before 2006 are dropped. Observations for the USSR after 1991 are dropped. Observations for Russia before 1992 are dropped. Observations for North Yemen after 1990 are dropped. Observations for united Yemen before 1991 are dropped.

Citation:

Transparency International. 2016. "Corruption Perceptions Index 2016."

<http://www.transparency.org/permissions/#datasets>.

Note:

This code updates the data from 1995-2014 in the current version of the IPE to 1995-2016. Methodology changes after 2012. Scores go from 0-10 to 0-100.

Terms of use: This data is subject to the following terms of use:

<http://www.transparency.org/permissions>

Codebook: <https://www.transparency.org/news/feature/corruption_perceptions_index_2016>

Years: Number of Countries:

1995-2018 187

Variables:

|  |  |
| --- | --- |
| ti\_cpi\_TI | Corruption perceptions index [TI] |

## Major Episodes of Political Violence (MEPV) [PV]

Suffix: PV

Description: This dataset contains information on major wars and other episodes of political violence that have occurred in a country.

Data: http://www.systemicpeace.org/inscrdata.html

Data Cleaning: No observations or data values are removed or changed.

Citation:

Monty G. Marshall. 1999. *Third World War*. Lanham, MD: Rowman & Littlefield.

Marshall, Monty G. 2012. Center for Systemic Peace (CSP) Major Episodes of Political Violence, 1946-2012. URL: <http://www.systemicpeace.org/warlist/warlist.htm>.

Codebook: <http://www.systemicpeace.org/inscr/MEPVcodebook2015.pdf>

Year: Number of Countries:

1946-2017 173

Variables:

|  |  |
| --- | --- |
| intind\_PV | War of Independence, Magnitude [PV] |
| intviol\_PV | International Violence, Magnitude [PV] |
| intwar\_PV | International Warfare, Magnitude [PV] |
| civviol\_PV | Civil Violence, Magnitude [PV] |
| civwar\_PV | Civil War, Magnitude [PV] |
| ethviol\_PV | Ethnic violence, Magnitude [PV] |
| ethwar\_PV | Ethnic War, Magnitude [PV] |
| inttot\_PV | Total interstate MEPVS, Magnitude [PV] |
| civtot\_PV | Total civil and ethnic MEPVS, Magnitude [PV] |
| actotal\_PV | Total MEPVS, Magnitude [PV] |
| nborder\_PV | Number of states sharing a border [PV] |

## Major Episodes of Political Violence (MEPV) Expanded [PVE]

Suffix: PVE

Description: This dataset contains information on major wars and other episodes of political violence that have occurred in a country.

Note: This is the expanded version of the data including data on neighbouring states.

Data: <http://www.systemicpeace.org/inscrdata.html>

Data Cleaning: No observations or data values are removed or changed.

Citation:

Monty G. Marshall. 1999. *Third World War*. Lanham, MD: Rowman & Littlefield.

Marshall, Monty G. 2012. Center for Systemic Peace (CSP) Major Episodes of Political Violence, 1946-2012. URL: <http://www.systemicpeace.org/warlist/warlist.htm>.

Codebook: <http://www.systemicpeace.org/inscr/MEPVcodebook2015.pdf>

Year: Number of Countries:

1946-2012 172

Variables:

|  |  |
| --- | --- |
| totint\_PVE | Sum of interstate MEPV magnitude scores for neighboring states [PVE] |
| totciv\_PVE | Sum of civil and ethnic MEPVs in neighboring states [PVE] |
| totalac\_PVE | Sum of all MEPVs in neighboring states [PVE] |
| nint\_PVE | Number of bordering states with international MEPVs [PVE] |
| nciv\_PVE | Number of bordering states with civil or ethnic MEPVs [PVE] |
| nac\_PVE | Number of bordering states with any MEPVs [PVE] |
| region\_PVE | Region [PVE] |
| nregion\_PVE | Number of states in region [PVE] |
| regint\_PVE | Sum of interstate MEPV magnitude scores in region [PVE] |
| regciv\_PVE | Sum of civil and ethnic MEPVs in region [PVE] |
| regac\_PVE | Sum of all MEPVs in region [PVE] |
| nrint\_PVE | Number of states in region with international MEPVs [PVE] |
| nrciv\_PVE | Number of states in region with civil or ethnic MEPVs [PVE] |
| nrac\_PVE | Number of states in region with any MEPVs [PVE] |

## Nordhaus, Oneal and Russett MID Propensity [MP]

Suffix: MP

Description: This dataset contains information on the predicted probability of a state’s involvement in a militarized interstate dispute.

Data: [www.journals.cambridge.org/ino2012008](http://www.journals.cambridge.org/ino2012008)

Data Cleaning: We drop two observations for The Syrian Arab Republic for which the year is missing. Most of the variables for both observations are missing.

Citation:

Nordhaus, William, John R. Oneal, and Bruce Russett. 2012. “The effects of the international security environment on national military expenditures: A multicountry study.” *International Organization* 66(3): 491–513.

Years: Number of Countries:

1951-2001 165

Variables:

|  |  |
| --- | --- |
| MID\_phat\_MP | MID Propensity [NOR] |

## Fortna UN Peacekeeping Data [PF]

Suffix: PF

Description: This dataset contains information on the presence of UN Peacekeeping Forces.

Data Cleaning: Observations for every country year pair not included in the raw data are created and given a value of 0. No observations or data values are changed or removed.

Citation:

Fortna, Virginia Page. 2008. *Does Peacekeeping Work? Shaping Belligerents’ Choices after Civil War*. Princeton University Press.

Codebook: <http://www.columbia.edu/~vpf4/pk&pkept%20data%20notes.pdf>

Years: Number of Countries:

1800 - 2015 223

Variables:

|  |  |
| --- | --- |
| peacekeep\_PF | Whether the state hosted a UN Peacekeeping mission that year [PF] |

## Political Terror Scale [PTS]

Suffix: PTS

Description: This dataset contains measures of political violence and terror coded from three different sources.

Data: <http://www.politicalterrorscale.org/Data/Download.html>

Data Cleaning: Observations for united Yemen between 1975 and 1990 are dropped to favor using observations for divided Yemen. Observations for regions and small states not included in the Gleditsch Ward system are dropped. Israel in Occupied Territories and Israel in pre-1976 borders is dropped. Just 'Israel' is retained

Citation:

Gibney, Mark, and Matthew Dalton. 1996. “The Political Terror Scale.” *Policy Studies and Developing Nations* 4(1): 73–84.

Gibney, Mark, Linda Cornett, Reed Wood, Peter Haschke, and Daniel Arnon. 2015. "The Political Terror Scale 1976-2015." <http://www.politicalterrorscale.org/>.

Codebook: <http://www.politicalterrorscale.org/Data/Documentation.html>

Year: Number of Countries:

1976-2017 198

Variables:

|  |  |
| --- | --- |
| politterr\_a\_PTS | Political Terror Scale based on Amnesty International [PTS] |
| politterr\_s\_PTS | Political Terror Scale based on the US State Department [PTS] |
| politterr\_HRW\_PTS | Political Terror Scale based on HRW [PTS] |

## Societal Violence Scale [SVS]

Suffix: SVS

Description: This dataset measures the countries’ level of societal violence on a scale of 1-5 based on the proportion of the society that is victimized, severity of abuses, and range of victims and perpetrators across all categories.

Data: <http://www.politicalterrorscale.org/Data/Download.html>

Data Cleaning:

Observations for “The Occupied Territories” and “Western Sahara,” which are not included in the Gleditsch-Ward system, are removed (2 observations deleted)

Citation:

Cornett, Linda, Mark Gibney, and Peter Haschke. 2015. "The Societal Violence Scale." <http://www.politicalterrorscale.org>.

Years: Number of Countries:

2013-2015 197

Variables:

|  |  |
| --- | --- |
| sociaviol\_SVS | Societal violence scale (1-5 with 5 being highest) [SVS] |

## UCDP/PRIO Armed Conflict Dataset [PO]

Suffix: PO

Description: This dataset contains measures of conflict intensity and involvement

Note: The UCDP/PRIO Armed Conflict Dataset has been updated since the version included here. The updated version of this data will be incorporated into version 2.0 of the IPE Data Resource.

Data Cleaning: For conflicts fought in multiple countries, if the fighting was primarily in one country, only an observation for that country is kept. If it is unclear where the majority of the fighting took place, we create duplicate observations for each country in which fighting occurred. When a country was involved in multiple conflicts in a single year, we keep the one with the greatest intensity. When those are equal, we default to cumulative intensity. If the cumulative intensity is equal, we prefer internal conflict over external. If all these factors are equal, one conflict is chosen arbitrarily to be kept. We retain dummy indicators for if any internal, interstate, or extrasystemic conflict occurred in a country-year. For a full list of the decisions made, see the .do file corresponding to this dataset. Observations for Hyderabad are dropped because they are not included in the Gleditsch Ward system.

Data: <http://www.journals.cambridge.org/ino2012008>

<https://www.prio.org/Data/Armed-Conflict/UCDP-PRIO/>

Citation:

Melander, Erik and Therése Pettersson & Lotta Themnér (2016) Organized violence, 1989-2015. Journal of Peace Research 53(5).

Gleditsch, Nils Petter, Peter Wallensteen, Mikael Eriksson, Margareta Sollenberg, and Håvard Strand (2002) Armed Conflict 1946-2001: A New Dataset. Journal of Peace Research 39(5).

Codebook:

<http://ucdp.uu.se/downloads/ucdpprio/ucdp-prio-acd-4-2016.pdf>

Year: Number of Countries:

1946-2018 121

Variables:

|  |  |
| --- | --- |
| id\_PO | Conflict identifier |
| sidea\_PO | Identifies the country of SideA. Always the government side in an internal conflict. |
| sidea2nd\_PO | Name of state(s) supporting side A with troops |
| sideb\_PO | Country name or opposition actor |
| sideb2nd\_PO | Name of state(s) supporting side B with troops |
| incomp\_PO | Dyad incompatibility |
| terr\_PO | Name of territory |
| intensity\_PO | Intensity level (minor armed conflicts and wars) |
| cumintensity\_PO | Cumulative intensity |
| type\_PO | Conflict type |
| region\_PO | Region of location |
| internal\_PO | Internal conflict in country-year (Dummy) |
| interstate\_PO | Interstate conflict in country-year (Dummy) |
| extrasyst\_PO | Extrasystemic conflict in country-year (Dummy) |

## PRIO Battle Deaths Dataset [BD]

Suffix: BD

Description: This dataset builds on the UCDP/PRIO Armed Conflict Dataset to provide data on annual battle deaths.

Data: <http://www.journals.cambridge.org/ino2012008>

<https://www.prio.org/Data/Armed-Conflict/Battle-Deaths/The-Battle-Deaths-Dataset-version-30/>

Data Cleaning: When conflicts are fought in multiple countries, we try to determine where most of the fighting happened and assign the conflict to that country. If it is unclear, we create two observations (one for each country). When a country is involved in multiple conflicts in a single year, we sum each battle deaths variable to create a variable representing the total number of battle deaths in a country in a given year. Observations for Hyderabad are dropped because it is not included in the Gleditsch Ward system.

Citation:

Lacina, Bethany, and Nils Petter Gleditsch. 2005. “Monitoring Trends in Global Combat: A New Dataset of Battle Deaths.” *European Journal of Population* 21(2–3): 145–166.

Codebook: <https://www.prio.org/Global/upload/CSCW/Data/PRIObd3.0_codebook.pdf>

Year: Number of Countries:

1946-2008 118 (with battle deaths)

Variables:

|  |  |
| --- | --- |
| bdeadlow\_BD | Low estimate of annual battle fatalities [BD] |
| bdeadhigh\_BD | High estimate of annual battle fatalities [BD] |
| bdeadbest\_BD | Best estimate of annual battle fatalities [BD] |

## UCDP Battle Deaths Dataset [UBD]

Suffix: UBD

Description: This dataset builds on the UCDP/PRIO Armed Conflict Dataset to provide data on annual battle deaths.

Data: <http://ucdp.uu.se/downloads/>

<http://www.journals.cambridge.org/ino2012008>

Data Cleaning: When conflicts are fought in multiple countries, we assign the deaths to one country based on preliminary research to find where the majority of the deaths occurred. These decisions are noted in the merge prep code with a comment for each case. When a country is involved in multiple conflicts in a single year, we sum all the battle deaths for that country in that year.

If a state is not listed as being involved in a conflict in a given year, we assign that state a value of zero for each of the battle death estimates. Observations outside of the year range of the raw dataset maintain a missing value.

Citation:

Uppsala Conflict Data Program, Uppsala University. UCDP Battle-Related Deaths Dataset v.5-2015. [www.ucdp.uu.se](http://www.ucdp.uu.se).

Pettersson, Therése. 2015. “UCDP Battle-Related Deaths Dataset Codebook.” Department of Peace and Conflict Research, Uppsala University.

Codebook:

<http://www.pcr.uu.se/digitalAssets/124/124934_1codebook-ucdp-battle-related-deaths-datasets-v.5-2015.pdf>

Year: Number of Countries:

1989-2018 179

Variables:

|  |  |
| --- | --- |
| bd\_low\_UBD | Low estimate of annual battle fatalities [UBD] |
| bd\_high\_UBD | High estimate of annual battle fatalities [UBD] |
| bd\_best\_UBD | Best estimate of annual battle fatalities [UBD] |

## Onset of Armed Conflict [AO]

Suffix: AO

Description: This dataset gives a list of armed conflict onsets.

Data: <http://www.journals.cambridge.org/ino2012008>

<https://www.prio.org/Data/Armed-Conflict/Onset-and-Duration-of-Intrastate-Conflict/Onset-Data/>

Data Cleaning: No observations or data values are changed or removed.

Citation:

Gleditsch, Nils Petter; Peter Wallensteen, Mikael Eriksson, Margareta Sollenberg and Håvard Strand. 2002. “Armed Conflict 1946–2001: A New Dataset.” *Journal of Peace Research* 39(5): 615–637.

Strand, Håvard. 2006. “Onset of Armed Conflict: A New List for the period 1946–2004, with Applications.” <https://www.prio.org/Global/upload/CSCW/Data/Onset.pdf>.

Codebook: <https://www.prio.org/Global/upload/CSCW/Data/README.txt>

Year: Number of Countries:

1946-2004 177

Variables:

|  |  |
| --- | --- |
| onset2\_AO | 2 years between onset variables coded [AO] |
| onset3\_AO | 3 years between onset variables coded [AO] |
| onset4\_AO | 4 years between onset variables coded [AO] |
| onset5\_AO | 5 years between onset variables coded [AO] |
| onset6\_AO | 6 years between onset variables coded [AO] |
| onset7\_AO | 7 years between onset variables coded [AO] |
| onset8\_AO | 8 years between onset variables coded [AO] |
| onset9\_AO | 9 years between onset variables coded [AO] |

## Patent Protection Index (Park 2008) [IP]

Suffix: IP

Description: This dataset contains an index score based on the strength of patent protection laws and patent rights in each country.

Data: <http://fs2.american.edu/wgp/www/patent%20index%201960%20-%202010.xlsx>

Data Cleaning: Observations representing the Coefficient of variation, Mean, Skewness, and Standard Deviation of each variable are removed.

Citation:

Park, Walter G. 2008. “International patent protection: 1960–2005.” *Research policy* 37(4): 761–766.

Codebook: <http://fs2.american.edu/wgp/www/res_policy08.pdf>

Years: Number of Countries:

1960, 1965, 1970, 1975, 122

1980, 1985, 1990, 1995,

2000, 2005, 2010

Variables:

|  |  |
| --- | --- |
| ipp\_index\_IP | International patent protection index [Park] |

## Strength of International Property Rights Protection (Zhao 2006) [ZH]

Suffix: ZH

Description: This dataset contains measures of the strength in property protection rights in each country.

Note: Zhao asserts that these measures are relatively stable, and assigns these values cross-sectionally in a study that uses data from 1993-2001. Therefore, we assume these values to be valid for those years and missing in all other years.

Data Cleaning: Data is expanded so that every year included in the Zhao study (1993-2001) is given the value in the raw data. Every year outside of the Zhao study is given a missing value. No observations are removed or changed from the raw data.

Citation:

Zhao, Minyuan. 2006. “Conducting R&D in countries with weak intellectual property rights protection.” *Management Science* 52(8): 1185–1199.

Codebook: <http://carlsonschool.umn.edu/Assets/45555.pdf>

Years: Number of Countries:

1800-2015 223

Variables:

|  |  |
| --- | --- |
| ippstrength\_ZH | IPP, 1 for weak 2 for strong [Zhao] |

## Transparency: WEF Global Competitiveness Dataset [WE]

Suffix: WE

Description: From this dataset, we extract only the variable on transparency of government policy making.

Data: [http://tcdata360.worldbank.org/indicators/govt.tpcy?country=USA&indicator=687&viz=line\_chart&years=2007,2016#](http://tcdata360.worldbank.org/indicators/govt.tpcy?country=USA&indicator=687&viz=line_chart&years=2007,2016)

Data Cleaning: No observations or data values are changed or removed.

Citation:

Schwab, Klaus. 2016. "The Global Competitiveness Report 2015-2016." World Economic Forum, Geneva, Switzerland.

Codebook: <http://reports.weforum.org/pdf/gci-2016-2017-scorecard/WEF_GCI_2016_2017_Scorecard_EOSQ049.pdf>

Years: Number of Countries:

2007-2019 150

Variables:

|  |  |
| --- | --- |
| tgpm\_WE | Transparency in government policy making [WEF] |

## Bilateral Investment Treaties (BIT) Count Data [BIT]

Suffix: BIT

Description: This dataset contains information on the number of bilateral investment treaties signed by each country.

Data: <http://investmentpolicyhub.unctad.org/IIA/CountryBits/223>

Data Cleaning: None

Citations:

Graham, Benjamin A.T., Noel P. Johnston, and Allison Kingsley. 2017. “[Even Constrained Governments Steal: The Domestic Politics of Transfer and Expropriation Risks.](http://journals.sagepub.com/eprint/juMGMBbii7qyHGqsJ2Dc/full)” *Journal of Conflict Resolution.* Online First.

Hicks, Raymond, and Kristina Johnson. 2011. "The Politics of Globalizing Production: Why We See Investment Chapters in Preferential Trade Agreements." Paper presented at the conference on The Politics of Foreign Direct Investment, Princeton University, September 23.

Allee, Todd, and Clint Peinhardt. 2010. “Delegating differences: Bilateral investment treaties and bargaining over dispute resolution provisions.” *International Studies Quarterly* 54(1): 1–26.

An original dataset from Allee and Peinhardt was first supplemented by Johnston and Hicks and then by Graham, Johnston, and Kingsley, all drawing on the UNCTAD lists of agreements.

Codebook: <http://dingo.sbs.arizona.edu/~ggoertz/pol595ist/allee_peinhardt2010.pdf>

Years: Number of Countries:

1800-2018 223

Variables:

|  |  |
| --- | --- |
| bitstodate\_BIT | BITs signed to date [BIT] |
| lnbitstodate\_BIT | BITs signed to date (logged) [BIT] |

## Membership in WTO, IMF, EU, NATO, and OECD [MEM]

Suffixes: MEM

Description: This dataset contains dummy variables specifying which international organization each country belongs to. These were created by the IPE Data Resource team.

Citation:

Graham, Benjamin A.T. and Jacob R. Tucker. 2017. “[The International Political Economy Data Resource](https://urldefense.proofpoint.com/v2/url?u=http-3A__em.rdcu.be_wf_click-3Fupn-3DKP7O1RED-2D2BlD0F9LDqGVeSMN0wJZH-2D2B98IYNMnRK5L3P8-2D3D-5FGNnPkJalgkEpe7D7Qaq3CitGYQK2Ffn0fyNvFahE2JFtatqSbGWLWqPk420KmBctEi89B4lwkAeO31s6VfhS4hjhzyZSaQRvNkAg8pfyQPel).” *Review of International Organizations.* Online First.

Data:

WTO: <http://www.wto.org/english/thewto_e/whatis_e/tif_e/org6_e.htm>

IMF: <http://www.imf.org/external/np/sec/memdir/memdate.htm>

NATO: <http://www.nato.int/cps/en/natolive/topics_52044.htm>

EU: <http://europa.eu/about-eu/countries/>

OECD: <http://www.oecd.org/about/membersandpartners/list-oecd-member-countries.htm>

Years: Number of Countries:

1816 – 2017 197

Variables:

|  |  |
| --- | --- |
| WTOwhen\_MEM | year of accession [WTO] |
| WTOmem\_MEM | binary, 1 if member, 0 if not [WTO] |
| IMFwhen\_MEM | year of accession [IMF] |
| IMFmem\_MEM | binary, 1 if member, 0 if not [IMF] |
| NATOwhen\_MEM | year of accession [NATO] |
| NATOmem\_MEM | binary, 1 if member, 0 if not [NATO] |
| EUwhen\_MEM | year of accession [EU] |
| EUmem\_MEM | binary, 1 if member, 0 if not [EU] |
| OECDwhen\_MEM | year of accession [OECD] |
| OECDmem\_MEM | binary, 1 if member, 0 if not [OECD] |

## Change in Source of Leader Support (CHISOLS) [CHI]

Suffix: CHI

Description: CHISOLS measures leadership transitions in a standard country-year format. “The goal of the CHISOLS data is to differentiate leader transitions in which a new leader comes to office who depends on different societal groups for support than her predecessor from leader transitions where both the current leader and her predecessor rely on essentially the same groups for support.”

Data: <http://www.chisols.org/data-sets.html>

Codebook: <http://www.chisols.org/uploads/1/1/2/6/11264284/chisolsusermanualv4.0.pdf>

Data Cleaning:

All observations are kept. Variables not listed here are dropped.

Citation:

Mattes, Michaela, Brett Ashley Leeds, and Naoko Matsumura (2016) “Measuring Change in Source of Leader Support: The CHISOLS Dataset.” *Journal of Peace Research* 53(2): 259-267.

Years: Number of Countries:

1919-2008 169

Variables:

|  |  |
| --- | --- |
| leader\_CHI | The name of the country’s leader in a given year. If there were multiple leaders, their names are separated by commas [CHI] |
| leaderpos\_CHI | The official title of the leader in the given year [CHI] |
| totalldrtrans\_CHI | A count of the leader transitions in the given year [CHI] |
| leadertrans\_CHI | Coded 1 if there is at least one leadership transition in a given year and 0 otherwise [CHI] |
| solschange\_CHI | This variable is equal to the count of SOLS changes during the country-year in which the new SOLS was in power for more than 30 days in a row. Coded 0 if there are no SOLS changes in the year that last more than 30 days total. This count variable does not include minor SOLS changes nor SOLS changes that last less than 30 days [CHI] |
| solschdum\_CHI | Coded 1 if there is at least one SOLS change that lasts longer than 30 days in the year, and 0 otherwise. This variable does not take into account minor SOLS changes, nor SOLS changes that last less than 30 days [CHI] |
| solschange30\_CHI | This variable is equal to the count of SOLS changes during the country-year in which the new SOLS was in power for less than 30 days total. Coded 0 if there are no SOLS changes in the year that lasted less than 30 days [CHI] |
| solsch30dum\_CHI | This variable is coded 1 if there is at least one SOLS change that lasts less than 30 days and 0 otherwise [CHI] |
| solsminchange\_CHI | This variable is equal the count of minor SOLS changes during the country-year. Coded 0 if there are no minor SOLS changes in the country-year [CHI] |
| solsminchdum\_CHI | This variable is coded 1 if there is at least one minor SOLS change during the country-year and 0 otherwise [CHI] |



## Howard and Carey (2004) De Facto Judicial Independence [HDI]

Suffix: HDI

Description: This dataset measures the level of de facto judicial independence.

Data: Accessed by e-mail from authors.

Data Cleaning: Only variables related to de facto judicial independence were kept. No observations were dropped.

Citation: Howard, Robert M. and Henry F. Carey (2004) "Is an Independent Judiciary Necessary for Democracy?" *Judicature* 87(6): 284-290.

Years: Number of Countries:

1992-1999 177

Variables:

|  |  |
| --- | --- |
| indjud\_HDI | No judicial independence [HDI] |
| midjud\_HDI | Partial judicial independence [HDI] |
| fulidjud\_HDI | Full judicial independence [HDI] |

## Relative Political Capacity [RPC]

Suffix: RPC

Description: The Relative Political Performance Data Set version 2.1, which consists of three measures: Relative Political Extraction (RPE), Relative Political Reach (RPR), and Relative Political Allocation (RPA). The definition and use of Relative Political Performance is generally discussed in Organski and Kugler (1980), Arbetman and Kugler (1997), Kugler and Tammen (2012).

Data: <https://dataverse.harvard.edu/file.xhtml;jsessionid=7eba997ee402bfea547b42a7ac5e?fileId=2449265&version=RELEASED&version=.0>

Data Cleaning: Observations for 12 non-independent territories (e.g. Guam) were dropped.

Citation: Kugler, Jacek and Ronald Tammen (2012). Performance of Nations. Lanham: Rowman and Littlefield.

Years: Number of Countries:

1960-2012 191

Variables:

|  |  |
| --- | --- |
| rpe\_agri\_RPC | Relative Political Extraction (Model 1) |
| rpe\_gdp\_RPC | Relative Political Extraction (Model 2) |
| rpe\_gdp\_oecd\_RPC | Relative Political Extraction with the adjusted OECD data (Model 2 |
| rpr\_work\_RPC | Relative Political Reach (Model 3) |
| rpr\_eap\_RPC | Relative Political Reach (Model 4) |
| rpa1\_RPC | Relative Political Allocation (Model 5) |
| rpa2\_RPC | Relative Political Allocation with income partitions (Model 5) |



# Social and Cultural Datasets

## Barro-Lee Educational Attainment Data [BL]

Suffix: BL

Description: This dataset contains information about the years of schooling, primary, secondary, tertiary for certain age ranges.

Data Cleaning: Observations for Reunion are dropped as it is not included in the Gleditsch Ward system (52 observations deleted). Observations for Serbia prior to 1876 are dropped (12 observations deleted). The raw data includes observations for each country every five years. We create an interpolated version of each measure included to fill the country-year panel.

Data: <http://www.barrolee.com/data/full1.htm>

Citation:

Barro, Robert J., and Jong Wha Lee. 2013. “A new data set of educational attainment in the world, 1950–2010.” *Journal of Development Economics* 104: 184–198.

Lee, Jong-Wha and Hanol Lee. 2016. “Human capital in the long run.” *Journal of Development Economics*, 122: 147-169.

Years: Number of Countries:

1820-2010 146

Variables:

|  |  |
| --- | --- |
| lh\_1519\_BL | Percentage of Tertiary Ages 15 to 19 [BL] |
| lh\_2024\_BL | Percentage of Tertiary Ages 20 to 24 [BL] |
| lh\_25999\_BL | Percentage of Tertiary Ages 25 and up [BL] |
| lh\_F\_1519\_BL | Percentage of Tertiary Females Ages 15 to 19 [BL] |
| lh\_F\_2024\_BL | Percentage of Tertiary Females Ages 20 to 24 [BL] |
| lh\_F\_25999\_BL | Percentage of Tertiary Females Ages 25 and up [BL] |
| lh\_F\_long\_BL | Percentage of tertiary, female population aged 15-64 [BL] |
| lh\_long\_BL | Percentage of tertiary, population aged 15-64 [BL] |
| lpc\_1519\_BL | Percentage of Primary Complete Ages 15 to 19 [BL] |
| lpc\_25999\_BL | Percentage of Primary Complete Ages 25 and up [BL] |
| lpc\_F\_1519\_BL | Percentage of Primary Complete Females Ages 15 to 19 [BL] |
| lpc\_F\_25999\_BL | Percentage of Primary Complete Females Ages 25 and up [BL] |
| ls\_1519\_BL | Percentage of Secondary Ages 15 to 19 [BL] |
| ls\_25999\_BL | Percentage of Secondary Ages 25 and up [BL] |
| ls\_F\_1519\_BL | Percentage of Secondary Females Ages 15 to 19 [BL] |
| ls\_F\_25999\_BL | Percentage of Secondary Females Ages 25 and up [BL] |
| ls\_F\_long\_BL | Percentage of secondary, female population aged 15-64 [BL] |
| ls\_long\_BL | Percentage of secondary, population aged 15-64 [BL] |
| lsc\_1519\_BL | Percentage of Secondary Complete Ages 15 to 19 [BL] |
| lsc\_2024\_BL | Percentage of Secondary Complete Ages 20 to 24 [BL] |
| lsc\_25999\_BL | Percentage of Secondary Complete Ages 25 and up [BL] |
| lsc\_F\_1519\_BL | Percentage of Secondary Complete Females Ages 15 to 19 [BL] |
| lsc\_F\_2024\_BL | Percentage of Secondary Complete Females Ages 20 to 24 [BL] |
| lsc\_F\_25999\_BL | Percentage of Secondary Complete Females Ages 25 and up [BL] |
| lu\_1519\_BL | Percentage of No Schooling Ages 15 to 19 [BL] |
| lu\_25999\_BL | Percentage of No Schooling Ages 25 and up [BL] |
| lu\_F\_1519\_BL | Percentage of No Schooling Females Ages 15 to 19 [BL] |
| lu\_F\_25999\_BL | Percentage of No Schooling Females Ages 25 and up [BL] |
| lu\_F\_long\_BL | Percentage of no schooling, female population aged 15-64 [BL] |
| lu\_long\_BL | Percentage of no schooling, population aged 15-64 [BL] |
| pri\_F\_long\_BL | Primary adjusted enrollment ratio (%) for female population [BL] |
| pri\_long\_BL | Primary adjusted enrollment ratio (%) total population [BL] |
| sec\_F\_long\_BL | Secondary adjusted enrollment ratio (%) for female population [BL] |
| sec\_long\_BL | Secondary adjusted enrollment ratio (%) total population [BL] |
| syr\_F\_long\_BL | Secondary years of schooling, female population ages 15-64 [BL] |
| syr\_long\_BL | Secondary years of schooling, population ages 15-64 [BL] |
| tyr\_F\_long\_BL | Total years of schooling, female population ages 15-64 [BL] |
| tyr\_long\_BL | Total years of schooling, population ages 15-64 [BL] |
| yr\_sch\_1519\_BL | Years of Schooling Ages 15 to 19 [BL] |
| yr\_sch\_25999\_BL | Years of Schooling Ages 25 and up [BL] |
| yr\_sch\_F\_1519\_BL | Years of Schooling Females Ages 15 to 19 [BL] |
| yr\_sch\_F\_25999\_BL | Years of Schooling Females Ages 25 and up [BL] |
| yr\_sch\_sec\_1519\_BL | Years of Secondary Schooling Ages 15 to 19 [BL] |
| yr\_sch\_sec\_25999\_BL | Years of Secondary Schooling Ages 25 and up [BL] |
| yr\_sch\_sec\_F\_1519\_BL | Years of Secondary Schooling Females Ages 15 to 19 [BL] |
| yr\_sch\_sec\_F\_25999\_BL | Years of Secondary Schooling Females Ages 25 and up [BL] |

## Program for International Student Assessment (PISA) Scores [PIS]

Suffix: PIS

Description: This dataset contains scores from an international assessment that measures 15-year-old students’ literacy in reading, mathematics and science.

Data Cleaning: The raw data includes three missing data codes: “—“ indicating a data value is not available, “†”, indicating that a variable is not applicable, and “‡” indicating that reporting standards were not met. These values are standardized to be a NA.

Data: <http://pisadataexplorer.oecd.org/ide/idepisa/report.aspx>

Citation:

Organization for Economic Cooperation and Development. Program for International Student Assesment. <http://nces.ed.gov/surveys/pisa/idepisa/>.

Terms of Use: this data is governed by the following terms of use: <https://www.oecd.org/pisa/47307726.pdf>.

Codebook: <https://www.oecd.org/pisa/pisaproducts/>

Years: Number of Countries:

2000, 2003, 2006, 2009, 2012, 2015, 2018 82

Variables:

|  |  |
| --- | --- |
| math\_avg\_PIS | Average mathematics scores [PIS] |
| science\_avg\_PIS | Average science scores [PIS] |
| reading\_avg\_PIS | Average reading scores [PIS] |

## World Bank Education Statistics [ES]

Suffix: ES

Description: This dataset contains general education statistics for each country in a given year. We only keep data regarding the pupil-teacher ratio for secondary schools.

Citation: World Bank. 2017. Education Statistics - All Indicators. <http://databank.worldbank.org/data/reports.aspx?source=Education%20Statistics&preview=off>.

Data Cleaning: Reshape the dataframe to make it country-year pair. Observations for regions and small states not in the Gleditsch-Ward system are dropped.

Years: Number of countries:

1970-2018 198

Variables

|  |  |
| --- | --- |
| ptratio\_seced\_ES | Pupil-teacher ratio in secondary education (headcount basis) [ES] |

## Ethnic Power Relations Dataset (EPR 2014) [EP]

Suffix: EP

Description: This data contains information on ethnic conflict for 165 countries.

Data Cleaning: The cntr\_relevance variable contains values of “P” and “R,” with “P” representing “not ethnically relevant” and “R” representing “ethnically relevant.” We change these values to “0” as representing “not ethnically relevant” and “1” representing “ethnically relevant.”. The data was downloaded from the GROWup website: [http://growup.ethz.ch/](https://growup.ethz.ch/)

Citations:

Vogt, Manuel, Nils-Christian Bormann, Seraina Rüegger, Lars-Erik Cederman, Philipp Hunziker, and Luc Girardin. 2015. “Integrating Data on Ethnicity, Geography, and Conflict: The Ethnic Power Relations Data Set Family.” *Journal of Conflict Resolution* 59(7): 1327–1342.

Wimmer, Andreas, Lars-Erik Cederman, and Brian Min. 2009. “Ethnic politics and armed conflict: a configurational analysis of a new global data set.” *American Sociological Review* 74(2): 316–337.

Wimmer, Andreas. 2015. “Race-centrism: a critique and a research agenda.” *Ethnic and Racial Studies* 38(13): 2186–2205.

The citation for the GROWup platform:

Girardin, Luc, Philipp Hunziker, Lars-Erik Cederman, Nils-Christian Bormann, et al. 2015. GROWup - Geographical Research On War, Unified Platform. ETH Zurich. http://growup.ethz.ch/.

Codebook:

<http://www.icr.ethz.ch/data/epr/EPR-2014_Codebook.pdf>

<http://www.epr.ucla.edu/AppendixEthnicPolitics.pdf>

<http://www.epr.ucla.edu/CodingMarkers.pdf>

The most recent version of the codebook for the data is found under documentation on the *GROWup* website.

Years: Number of Countries:

1946-2017 181

Variables:

|  |  |
| --- | --- |
| egip\_groups\_count\_EP | Number of EGIP groups [EP] |
| excl\_groups\_count\_EP | Number of MEG groups [EP] |
| regaut\_groups\_count\_EP | Number of groups with regional autonomy [EP] |
| regaut\_excl\_groups\_count\_EP | Number of MEG groups with regional autonomy [EP] |
| regaut\_egip\_groups\_count\_EP | Number of EGIP groups with regional autonomy [EP] |
| rlvt\_groups\_count\_EP | Number of relevant groups [EP] |
| actv\_groups\_count\_EP | Number of active groups [EP] |
| lpop\_EP | Sum of ethnically relevant population as fraction of total population [EP] |
| egippop\_EP | Sum of the population of all EGIP groups as fraction of total population [EP] |
| legippop\_EP | EGIP population as a fraction of ethnically relevant population [EP] |
| exclpop\_EP | Sum of the population of all MEG groups as fraction of total population [EP] |
| lexclpop\_EP | MEG population as a fraction of ethnically relevant population [EP] |
| discrimpop\_EP | Sum of discriminated population as fraction of total population [EP] |
| ldiscrimpop\_EP | Sum discriminated population as fraction of ethnically relevant population [EP] |
| maxexclpop\_EP | Size of largest MEG group as fraction of total population [EP] |
| lmaxexclpop\_EP | Size of largest MEG group as fraction of ethnically relevant population [EP] |
| regautpop\_EP | Sum of population with regional autonomy as fraction of total population [EP] |
| regautexclpop\_EP | Sum pop. with regional autonomy and excluded MEG as fraction of total pop. [EP] |
| regautegippop\_EP | Sum pop. with regional autonomy and included EGIP as fraction of total pop. [EP] |
| cntr\_relevance\_EP | Is ethnicity relevant at least once in sample period (0=No, 1=Yes) [EP] |

## UNODC Crime Data [ODC]

Suffix: ODC

Description: This data contains information about the number of crimes recorded in each country.

Data: data.unodc.org

Data Cleaning: Observations for Serbia and Yugoslavia containing data are dropped to handle duplicates. Commas are removed from numerical data to allow variables to be formatted as numbers. Observations for small states not included in the Gleditsch-Ward system are dropped. The raw data includes separate observations for England and Wales, Scotland, and Northern Ireland for the United Kingdom. We keep the observation for England and Wales and use it as the only observation for the United Kingdom. The other two are dropped.

Citation:

United Nations Office on Drugs and Crime. 2015. Crime and criminal justice statistics. data.unodc.org.

Codebook: <https://www.unodc.org/unodc/en/data-and-analysis/statistics/crime.html>

Years: Number of Countries:

2003-2015 198

Variables:

|  |  |
| --- | --- |
| theftcars\_count\_ODC | Theft of Private Cars, number of police recorded offences [ODC] |
| theftcars\_rate\_ODC | Theft of Private Cars, police recorded offences per 10,000 of population [ODC] |
| burg\_count\_ODC | Burglary, number of police recorded offences [ODC] |
| burg\_rate\_ODC | Burglary, police recorded offences per 10,000 of population [ODC] |
| housebrk\_count\_ODC | Housebreaking, number of police recorded offences [ODC] |
| housebrk\_rate\_ODC | Housebreaking, police recorded offences per 10,000 of population [ODC] |
| homicide\_count\_ODC | Intentional homicides [ODC] |
| homicide\_rate\_ODC | Intentional homicides per 10,000 of population [ODC] |
| hommicidempc\_count\_ODC | Intentional homicide count in most populated city [ODC] |
| hommicidempc\_rate\_ODC | Intentional homicide rate per 10,000 of population in most populated city [ODC] |
| mpcity\_ODC | The most populated city in each country [ODC] |
| mvtheft\_count\_ODC | Motor Vehicle Theft, number of police-recorded offences [ODC] |
| mvtheft\_rate\_ODC | Motor Vehicle Theft, police-recorded offences per 10,000 of population [ODC] |
| robbery\_count\_ODC | Robbery, number of police-recorded offences [ODC] |
| robbery\_rate\_ODC | Robbery, police-recorded offences per 10,000 of population [ODC] |
| theft\_count\_ODC | Theft, number of police-recorded offences [ODC] |
| theft\_rate\_ODC | Theft, police-recorded offences per 10,000 of population [ODC] |

## Official Languages, NationsOnLine [LANG]

Suffix: LANG

Description: This dataset contains the first two official languages of each country

Data Cleaning:

Observations for small states not included in the Gleditsch Ward system are removed. Add year range for each country.

Citation:

NationsOnline. 2015. “Languages of the World.” <http://www.nationsonline.org/oneworld/languages.htm>.

Codebook: <http://www.nationsonline.org/oneworld/index.html>

Years: Number of Countries:

All 151

Variables:

|  |  |
| --- | --- |
| lang1\_LANG | Language 1 [LANG] |
| lang2\_LANG | Language 2 [LANG] |

## Religious Characteristics of States Dataset [RCS]

Suffix: RCS

Description: This dataset reports religious demographics for countries.

Data: <http://www.thearda.com/Archive/Files/Downloads/BROWN_DL2.asp>

Data Cleaning: Values for years before 1800 are dropped (1800 is the earliest year contained in the IPE Data Resource). Observations for small states not included in the Gledistch Ward system are dropped.

Citation:

Brown, Davis, and Patrick James. “Religious Characteristics of State Dataset, Phase 1: Demographics.” <http://www.thearda.com/Archive/Files/Descriptions/BROWN.asp>. An article of record is in progress.

Years: Number of Countries:

1800-2015 200

Variables:

|  |  |
| --- | --- |
| indep\_RCS | State is independent on Dec. 31 of observed year [RCS] |
| relmajid\_RCS | ID code of religion of majority of population [RCS] |
| chrpop\_RCS | Population of Christians [RCS] |
| chrpct\_RCS | Percentage of Christians [RCS] |
| jewpop\_RCS | Population of Jews [RCS] |
| jewpct\_RCS | Percentage of Jews [RCS] |
| muspop\_RCS | Population of Muslims [RCS] |
| muspct\_RCS | Percentage of Muslims [RCS] |
| hinpop\_RCS | Population of Hindus (Insufficient data or numbers to subdivide) [RCS] |
| hinpct\_RCS | Percentage of Hindus [RCS] |
| budpop\_RCS | Population of Buddhists (all branches and schools of Buddhism combined) [RCS] |
| budpct\_RCS | Percentage of Buddhists [RCS] |
| eacomppp\_RCS | Population of East Asian Religious Complex [RCS] |
| eacomppt\_RCS | Percentage of East Asian Religious Complex [RCS] |
| shipop\_RCS | Population of Shintoists (insufficient data or numbers to subdivided) [RCS] |
| shipct\_RCS | Percentage of Shintoists [RCS] |
| cnfpop\_RCS | Population of Confucianists (insufficient data or numbers to subdivide) [RCS] |
| cnfpct\_RCS | Percentage of Confucianists [RCS] |
| taopop\_RCS | Population of Taoists (insufficient data or numbers to subdivide) [RCS] |
| taopct\_RCS | Percentage of Taoists [RCS] |
| indpop\_RCS | Population of Indigenous Religionists [RCS] |
| indpct\_RCS | Percentage of Indigenous Religionists [RCS] |
| notrelpp\_RCS | Population of Not Religious [RCS] |
| notrelpt\_RCS | Percentage of Not Religious [RCS] |
| unkpop\_RCS | Population of Unknown [RCS] |
| unkpct\_RCS | Percentage of Unknown [RCS] |

## UN Emigrant Stock data [EMS]

Suffix: EMS

Description: Data on the global stock of emigrants from each country from the United Nations Population Division.

Data Source: <http://www.un.org/en/development/desa/population/migration/data/estimates2/estimatesorigin.shtml>

Data Cleaning: Observations for small states not included in the Gleditsch Ward system are dropped.

Citation:

United Nations, Department of Economic and Social Affairs, Population Division 2013. Trends in International Migrant Stock: The 2013 Revision - Migrants by Destination and Origin. <http://www.un.org/en/development/desa/population/migration/data/estimates2/estimatesorigin.shtml>.

Years: Number of Countries:

1990, 1995, 2000, 2005, 2010, 2015, 2019 197

Variables:

|  |  |
| --- | --- |
| EmigrantStock\_EMS | Total emmigrant stock from [UN] |

# Geographic Datasets

## Archipelagos Data [AP]

Suffix: AP

Description: This dataset contains information on the number of archipelagos in each country.

Data Cleaning: An observation is dropped for American Samoa because it is not included in the Gledistch Ward system.

Citation:

Graham, Benjamin A.T., and Kaare Strøm. 2015. “Variations in Federalism: Explaining Subnational Policy Authority.” Working Paper. Available on SSRN at <http://ssrn.com/abstract=2533599%20>.

Years: Number of Countries:

All 223

Variables:

|  |  |
| --- | --- |
| numislands\_AP | Number of Islands (ppl > 100000) |
| archipelago\_AP | At least two islands |
| lnislands | Number of islands (ppl > 100000) logged [Archipelagos] |
| comments\_AP | List of the islands in each country |

## Centre d'Etudes Prospectives et d'Informations Internationales (CEPII) [CE]

Suffix: CE

Description: This dataset contains variables relating each country in the world to Belgium, China, the United Kingdom, Russia, and the United States. Variables measure the distance in kilometers between the most populous cities as well as whether English is the common official language between countries.

Data:

Distance: <http://www.cepii.fr/cepii/en/bdd_modele/presentation.asp?id=6>

Common official language: <http://www.cepii.fr/cepii/en/bdd_modele/presentation.asp?id=19>

Data Cleaning: Observations for small states not included in the Gledistch Ward system are dropped. Two duplicate observations with only missing data are also dropped.

Citation:

Mayer, T., and S. Zignago (2011) “Notes on CEPII’s distances measures: the GeoDist Database” CEPII Working Paper 2011-25. <http://www.cepii.fr/anglaisgraph/workpap/pdf/2011/wp2011-25.pdf>

Melitz, Jacques and Farid Toubal (2012) “Native language, spoken language, translation and trade” CEPII Working Paper 2012-17.

Terms of use: The CEPII website grants a license according to the following creative commons standard: <https://creativecommons.org/licenses/by-nc-nd/3.0/>

Number of Countries:

192

Variables:

|  |  |
| --- | --- |
| english\_off\_BEL\_CE | Whether the common official language with Belgium is English [CE] |
| english\_off\_CHN\_CE | Whether the common official language with China is English [CE] |
| english\_off\_GBR\_CE | Whether the common official language with the UK is English [CE] |
| english\_off\_RUS\_CE | Whether the common official language with Russia is English [CE] |
| english\_off\_USA\_CE | Whether the common official language with the US is English [CE] |
| dist\_BEL\_CE | Distance between country and Belgium (km between most populous cities) [CE] |
| dist\_CHN\_CE | Distance between country and China (km between most populous cities) [CE] |
| dist\_GBR\_CE | Distance between country and the UK (km between most populous cities) [CE] |
| dist\_RUS\_CE | Distance between country and Russia (km between most populous cities) [CE] |
| dist\_USA\_CE | Distance between country and the US (km between most populous cities) [CE] |



# Variables By Topic

## General Economic Indicators

|  |  |
| --- | --- |
| **Variable** | **Label** |
| top\_margintax\_EF | Top marginal income tax rate [EF] |
| ers\_TR | Exchange Rate Stability Index [TR] |
| mi\_TR | Monetary Independenc Index [TR] |
| ka\_open\_TR | Financial Openness Index [TR] |
| pec\_MC | Primary energy consumption [COW] |
| reform\_BH | Reform year (yes/no) [BH] |
| cim\_CIM | Contract intensive money [IMF\_IFS] |
| cim\_adj\_CIM | Contract intensive money adjusted [IMF\_IFS] |
| cim2\_CIM2 | Contract intensive money 2 [CIM2] |
| under\_BCG | Whether a country was is under an IMF agreement [BCG] |
| undertype\_BCG | Type of IMF agreement country is under [BCG] |
| class\_5way\_LY | 5-way classification [LY&S] |
| class\_3way\_LY | 3-way classification [LY&S] |
| investmentmwp\_LX | Investment Articles in LexisNexis (keyword) [GKJ] |
| subjectmwp\_LX | Potentially Business Relevant Articles in LexisNexis (subjects) [GKJ] |
| ln\_investmentmwp\_LX | Investment Articles in LexisNexis (keyword) (logged) [GKJ] |
| ln\_subjectmwp\_LX | Potentially Business Relevant Articles in LexisNexis (subjects) (logged) [GKJ] |
| reportcount\_IB | Number of Unique I/B/E/S Analyst Reports [IB] |
| firmcount\_IB | Number of Unique Firms Covered in I/B/E/S Analyst Reports [IB] |
| analystcount\_IB | Number of Unique I/B/E/S Analysts [IB] |
| lnfirmcount\_IB | Number of Unique Firms Covered in I/B/E/S Analyst Reports (logged) [IB] |
| lnreportcount\_IB | Number of Unique I/B/E/S Analyst Reports (logged) [IB] |
| lnanalystcount\_IB | Number of Unique I/B/E/S Analysts (logged) [IB] |
| surges\_FW | Capital Surge Episodes [FW] |
| stops\_FW | Capital Stop Episodes [FW] |
| flight\_FW | Capital Flight Episodes [FW] |
| retrench\_FW | Capital Retrenchment Episodes [FW] |
| taxhav\_TH | Binary, 1 if considered a tax haven, 0 if not [DOT] |
| taxhavens\_extrapolated\_TH | Binary, 1 if considered a tax haven, 0 if not. Extrapolated from taxhav [DOT] |
| taxhavwhen\_TH | Year estimate of when the state became a tax haven [DOT] |
| currency\_unit\_PW | Currency unit [PW] |
| rgdpe\_PW | Expenditure-side real GDP at chained PPPs (in mil. 2011US$) [PW] |
| rgdpo\_PW | Output-side real GDP at chained PPPs (in mil. 2011US$) [PW] |
| emp\_PW | Number of persons engaged (in millions) [PW] |
| hc\_PW | Average annual hours worked by persons engaged [PW] |
| cgdpe\_PW | Expenditure-side real GDP at current PPPs (in mil. 2011US$) [PW] |
| cgdpo\_PW | Output-side real GDP at current PPPs (in mil. 2011US$) [PW] |
| ck\_PW | Capital stock at current PPPs (in mil. 2011US$) [PW] |
| ctfp\_PW | TFP level at current PPPs (USA=1) [PW] |
| rgdpna\_PW | Real GDP at constant 2011 national prices (in mil. 2011US$) [PW] |
| rkna\_PW | Capital stock at constant 2011 national prices (in mil. 2011US$) [PW] |
| rtfpna\_PW | TFP at constant national prices (2011=1) [PW] |
| labsh\_PW | Share of labor compensation in GDP at current national prices [PW] |
| xr\_PW | Exchange rate, national currency/USD (market+estimated) [PW] |
| statcap\_PW | Statistical capacity indicator (source: World Bank, developing countries only) [PW] |
| gdp\_WDI | GDP (constant 2005 US$) [WDI] |
| growth\_WDI | GDP growth (annual %) [WDI] |
| gdppc\_WDI | GDP per capita (constant 2005 US$) [WDI] |
| gini\_WDI | GINI index [WDI] |
| gni\_WDI | GNI (constant 2005 US$) [WDI] |
| gnipc\_WDI | GNI per capita (constant 2005 US$) [WDI] |
| inflation\_WDI | Inflation, consumer prices (annual%) [WDI] |
| reer\_WDI | Real effective exchange rate index (2010 = 100) [WDI] |
| remittances\_WDI | Personal remittances, received (% of GDP) |
| surdef\_WDI | Cash surplus/deficit (% of GDP) |
| tax\_rev\_WDI | Tax revenue (% of GDP) [WDI] |
| govt\_consump\_WDI | General government final consumption expenditure (% of GDP) |
| GNI\_growth\_WDI | GNI per capita growth (annual %) |
| capform\_WDI | Gross fixed capital formation (% of GDP) |
| capformraw\_WDI | Gross capital formation (constant 2010 US$) |
| netoda\_WDI | Net official development assistance received (current US$) [WDI] |
| gdp\_WDI\_PW | GDP (constant 2005 US$) [WDI\_PW] |
| gdppc\_WDI\_PW | Gross Domestic Product Per Capita [WDI\_PW] |
| growth\_WDI\_PW | GDP growth (annual %) [WDI\_PW] |
| lngdp\_WDI\_PW | GDP (constant 2005 US$) [WDI\_PW] logged |
| lngdppc\_WDI\_PW | Gross Domestic Product Per Capita [WDI\_PW] logged |
| lngrowth\_WDI\_PW | GDP growth (annual %) [WDI\_PW] logged |
| lcratio | Ratio of working population to gross capital formation (2005 US $) |
| lnlcratio | Ratio of working population to gross capital formation (2005 US $, logged) |
| unitlaborcost\_ILO | Mean nominal hourly labour cost per employee (Local Currency) [ILO] |
| taxincentsum\_LI | Sum of six types of tax incentives [LI] |
| marketcap\_GFD | Stock market capitalization to GDP (%)[GFD] |
| compratio\_GFD | Number of listed companies per 1,000,000 people [GFD] |
| stockvol\_GFD | Stock price volatility [GFD] |
| lgdp\_98\_JCB | Logarithm of GDP/cap. in 1998 (USD). 4.5-10.5 in the sample. [JCB] |
| eco\_glob\_KOF | Economic globalization [KOF] |
| act\_flow\_KOF | Actual flows [KOF] |
| restr\_KOF | Restrictions [KOF] |
| soc\_glob\_KOF | Social globalization [KOF] |
| pers\_cont\_KOF | Personal contact [KOF] |
| info\_flow\_KOF | Information flows [KOF] |
| cult\_prox\_KOF | Cultural proximity [KOF] |
| poli\_glob\_KOF | Political globalization [KOF] |
| overallGlob\_index\_KOF | Overall globalization index [KOF] |
| FarRight\_IO | Far Right Vote Share [IO] |
| ExternalLaborOpenness\_IO | External Labor Openness [IO] |

## Trade

|  |  |
| --- | --- |
| **Variable** | **Label** |
| ex\_agri\_WDI | Agricultural raw materials exports (% of merchandise exports) [WDI] |
| ex\_food\_WDI | Food exports (% of merchandise exports) [WDI] |
| ex\_fuel\_WDI | Fuel exports (% of merchandise exports) [WDI] |
| ex\_mfg\_WDI | Manufactures exports (% of merchandise exports) [WDI] |
| ex\_oresmet\_WDI | Ores and metal exports (% of merchandise exports) [WDI] |
| exp\_WDI | Exports of goods and services (% of GDP) [WDI] |
| insfin\_svc\_WDI | Insurance and financial services (% of commercial service exports) [WDI] |
| portfolio\_WDI | Portfolio equity, net inflows (BoP, current US$) [WDI] |
| reserves\_im\_WDI | Total reserves in months of imports [WDI] |
| trade\_WDI | Trade (% of GDP) [WDI] |
| trade\_services\_WDI | Trade in services (% of GDP) [WDI] |
| MFN\_tariff\_MFN | MFN Applied Tariff Rate (unweighted %) [MFN] |
| iMFN\_tariff\_MFN | MFN Applied Tariff Rate Interpolated [MFN] |

## Foreign Direct Investment

|  |  |
| --- | --- |
| **Variable** | **Label** |
| fdiflows\_UNCTAD | FDI Flows (Inward) USD millions [UNCTAD] |
| fdistocks\_UNCTAD | FDI Stocks (Inward) USD millions [UNCTAD] |
| ind\_total\_OFS | Outward FDI stocks from the US in USD (millions), all industries, BEA [OFS] |
| ind\_total\_OFI | US Outward FDI: Position, All Industries, in mil. USD [OFI] |
| mining\_OFI | US Outward FDI: Position, Mining, in mil. USD [OFI] |
| util\_OFI | US Outward FDI: Position, Utilities, in mil. USD [OFI] |
| mf\_total\_OFI | US Outward FDI: Position, Manufacturing: Total Manufacturing, in mil. USD [OFI] |
| mf\_food\_OFI | US Outward FDI: Position, Manufacturing: Food, in mil. USD [OFI] |
| mf\_chem\_OFI | US Outward FDI: Position, Manufacturing: Chemicals, in mil. USD [OFI] |
| mf\_pfm\_OFI | US Outward FDI: Position, Manufacturing: Primary and fabricated metals, in mil. USD [OFI] |
| mf\_mc\_OFI | US Outward FDI: Position, Manufacturing: Machinery, in mil. USD [OFI] |
| mf\_cep\_OFI | US Outward FDI: Position, Computers and electronic products, in mil. USD [OFI] |
| mf\_eeac\_OFI | US Outward FDI: Position, Electrical equipment, appliances, components, in mil. USD [OFI] |
| mf\_te\_OFI | US Outward FDI: Position, Manufacturing: Transportation Equipment, in mil. USD [OFI] |
| mf\_other\_OFI | US Outward FDI: Position, Manufacturing: Other Manufacturing, in mil. USD [OFI] |
| wt\_OFI | US Outward FDI: Position, Wholesale Trade, in mil. USD [OFI] |
| info\_OFI | US Outward FDI: Position, Information, in mil. USD [OFI] |
| dep\_ins\_OFI | US Outward FDI: Position, Depository Institutions, in mil. USD [OFI] |
| fi\_OFI | US Outward FDI: Position, Finance (no depository inst.) and insurance, in mil. USD [OFI] |
| psts\_OFI | US Outward FDI: Position, Professional, scientific, technical services, in mil. USD [OFI] |
| hc\_nb\_OFI | US Outward FDI: Position, Holding Companies (nonbank), in mil. USD [OFI] |
| ind\_other\_OFI | US Outward FDI: Position, Other Industries, in mil. USD [OFI] |
| net\_ppe\_OPE | US Outward FDI flows: Net Property, Plant, and Equipment in mil. USD [OPE] |
| fdidollars\_WDI | Foreign direct investment, net inflows (BoP, current US$) [WDI] |
| fdi\_inper\_WDI | Foreign direct investment, net inflows (% of GDP) [WDI] |
| fdi\_outper\_WDI | Foreign direct investment, net outflows (% of GDP) [WDI] |

## Debt

|  |  |
| --- | --- |
| **Variable** | **Label** |
| extdebt\_WDI | External debt stocks (% of GNI) [WDI] |
| extdebt\_avgint\_WDI | Average interest on new external debt commitments (%) [WDI] |
| extdebt\_avgintoff\_WDI | Average interest on new external debt commitments, official (%) [WDI] |
| extdebt\_avgintpriv\_WDI | Average interest on new external debt commitments, private (%) [WDI] |
| extdebt\_intpaygni\_WDI | Interest payments on external debt (% of GNI) [WDI] |
| extdebt\_intpayperex\_WDI | Interest payments on external debt (% exports and primary income) [WDI] |
| extdebt\_pv\_WDI | Present value of external debt (current US$) [WDI] |
| extdebt\_tot\_WDI | External debt stocks, total (DOD, current US$) [WDI] |
| debt\_cgov\_WDI | Central government debt, total (% of GDP) [WDI] |
| lending\_intrate\_WB | Lending interest rate (%) [WDI] |
| rir\_WDI | Real interest rate (%) [WDI] |
| risk\_prem\_WDI | Risk premium on lending (lending rate minus treasury bill rate, %) [WDI] |
| ltint\_OECD | Long-term interest rates [OECD], percentage |

## Banks

|  |  |
| --- | --- |
| **Variable** | **Label** |
| foreignbkct\_CV | Count of foreign banks open in a country [CV] |
| cbi\_BH | Central Bank Independence score [BH] |
| cbiw\_BH | Weighted Central Bank Independence score [BH] |
| pcredb\_FS | Private credit by deposit money banks (% GDP) [FS] |
| pcredbo\_FS | Private credit by money banks and other financial institutions (% GDP) [FS] |
| frmlacct\_GFD | Account at a formal financial institution (% age 15+) [GFD] |
| bk\_acct\_GFD | Bank accounts per 1,000 adults [GFD] |
| bk\_branch\_GFD | Bank branches per 100,000 adults [GFD] |
| finconst\_GFD | Firms identifying access to finance as a major constraint (%)[GFD] |
| firms\_bf\_GFD | Firms using banks to finance investments (%)[GFD] |
| firms\_bw\_GFD | Firms using banks to finance working capital (%)[GFD] |
| firms\_loc\_GFD | Firms with a bank loan or line of credit (%)[GFD] |
| firms\_chksv\_GFD | Firms with a checking or savings account (%)[GFD] |
| loancollat\_GFD | Value of collateral needed for a loan (% of the loan amount) [GFD] |
| wc\_bfin\_GFD | Working capital financed by banks (%)[GFD] |
| fd\_gdp\_GFD | Financial system deposits to GDP (%)[GFD] |
| dc\_priv\_GFD | Domestic credit to private sector (% of GDP) [GFD] |
| bkconc\_GFD | Bank concentration (%)[GFD] |
| bkcrisis\_GFD | Banking crisis dummy (1=banking crisis, 0=none) [GFD] |
| depos\_gdp\_GFD | Bank deposits to GDP (%)[GFD] |
| forbnkast\_GFD | Foreign bank assets among total bank assets (%)[GFD] |
| forbnk\_GFD | Foreign banks among total banks (%)[GFD] |
| h\_stat\_GFD | H-statistic for efficiency measures [GFD] |
| nr\_loan\_GFD | Loans from nonresident banks (amounts outstanding) to GDP (%)[GFD] |
| fb\_cons\_GFD | Consolidated foreign claims of BIS reporting banks to GDP (%)[GFD] |
| gpd\_liab\_GFD | Gross portfolio debt liabilities to GDP (%)[GFD] |
| gpe\_liab\_GFD | Gross portfolio equity liabilities to GDP (%)[GFD] |
| gb\_per\_JCB | Share of assets of top 10 banks owned by the government in 1995. [JCB] |
| bankscount\_CBG | Count of central banks [CBG] |
| timetoturn\_CBG | Time to regular turnover [CBG] |
| numturnover\_CBG | Number of actual turnovers [CBG] |
| regturndummy\_CBG | Regular turnover dummy [CBG] |
| irregturndummy\_CBG | Irregular turnover dummy [CBG] |
| timeinoffice\_CBG | Time in office [CBG] |
| legalduration\_CBG | Legal duration [CBG] |

## Doing Business

|  |  |
| --- | --- |
| **Variable** | **Label** |
| rank\_BZ | Ease of Doing Business Rank [WB\_Biz] |
| rank\_sb\_BZ | Starting a Business Rank [WB\_Biz] |
| sb\_proc\_BZ | Starting a business, procedures (number) [WB\_Biz] |
| sb\_time\_BZ | Starting a business, time (days) [WB\_Biz] |
| sb\_cost\_BZ | Starting a business, cost (% of income percapita) [WB\_Biz] |
| sb\_paid\_BZ | Starting a business, paid in min. cap (% of income per capita) [WB\_Biz] |
| rank\_cp\_BZ | Dealing with Construction Permits Rank [WB\_Biz] |
| cp\_proc\_BZ | Dealing with Construction Permits, procedures (number) [WB\_Biz] |
| cp\_time\_BZ | Dealing with Construction Permits, time (days) [WB\_Biz] |
| cp\_cost\_BZ | Dealing with Construction Permits, cost (% of income per capita) [WB\_Biz] |
| rank\_ge\_BZ | Getting Electricity Rank [WB\_Biz] |
| ge\_proc\_BZ | Getting Electricity, procedures (number) [WB\_Biz] |
| ge\_time\_BZ | Getting Electricity, time (days) [WB\_Biz] |
| ge\_cost\_BZ | Getting Electricity, cost (% of income per capita) [WB\_Biz] |
| rank\_rp\_BZ | Registering Property Rank [WB\_Biz] |
| rp\_proc\_BZ | Registering Property, procedures (number) [WB\_Biz] |
| rp\_time\_BZ | Registering Property, time (days) [WB\_Biz] |
| rp\_cost\_BZ | Registering Property, cost (% of income per capita) [WB\_Biz] |
| rank\_gc\_BZ | Getting Credit Rank [WB\_Biz] |
| gc\_legal\_BZ | Getting Credit, stregth of legal rights index (0-10) [WB\_Biz] |
| gc\_legal\_old\_BZ | Getting Credit, strength of legal rights index (0-10) old methodology [WB\_Biz] |
| gc\_info\_BZ | Getting Credit, depth of credit information index (0-8) [WB\_Biz] |
| gc\_info\_old\_BZ | Getting Credit, depth of credit information index (0-6) old methodology [WB\_Biz] |
| gc\_pub\_BZ | Getting Credit, public registry coverage (% of adults) [WB\_Biz] |
| gc\_priv\_BZ | Getting Credit, private bureau coverage (% of adults) [WB\_Biz] |
| rank\_pi\_BZ | Protecting Investors Rank [WB\_Biz] |
| pi\_disc\_BZ | Protecting Investors, extent of disclosure index (0-10) [WB\_Biz] |
| pi\_dl\_BZ | Protecting Investors, extent of director liability index (0-10) [WB\_Biz] |
| pi\_shsu\_BZ | Protecting Investors, ease of shareholder suits index (0-10) [WB\_Biz] |
| pi\_ip\_BZ | Protecting Investors, strength of investor protection index (0-10) [WB\_Biz] |
| pi\_ip\_old\_BZ | Protecting Minority Investors, strength of investor protection index (0-10) old methodology [WB\_Biz] |
| rank\_pt\_BZ | Paying Taxes Rank [WB\_Biz] |
| pt\_pay\_BZ | Paying Taxes, payments (number per year) [WB\_Biz] |
| pt\_time\_BZ | Paying Taxes, time (hours per year) [WB\_Biz] |
| pt\_prof\_BZ | Paying Taxes, profit tax (%) [WB\_Biz] |
| pt\_lab\_BZ | Paying Taxes, labor tax and contributions (%) [WB\_Biz] |
| pt\_other\_BZ | Paying Taxes, other taxes (%) [WB\_Biz] |
| pt\_tot\_BZ | Paying Taxes, total tax rate (% profit) [WB\_Biz] |
| rank\_tr\_BZ | Trading Across Borders Rank [WB\_Biz] |
| tr\_exdo\_old\_BZ | Trading Across Borders, documents to export (number) old methodology [WB\_Biz] |
| tr\_exti\_old\_BZ | Trading Across Borders, time to export (days) old methodology [WB\_Biz] |
| tr\_exco\_old\_BZ | Trading Across Borders, cost to export (US$ per container) old methodology [WB\_Biz] |
| tr\_imdo\_BZ | Trading Across Borders, documents to import (number) [WB\_Biz] |
| tr\_imti\_old\_BZ | Trading Across Borders, time to import (days) [WB\_Biz] |
| tr\_imco\_old\_BZ | Trading Across Borders, cost to import (US$ per container) [WB\_Biz] |
| rank\_ec\_BZ | Enforcing Contracts Rank [WB\_Biz] |
| ec\_time\_BZ | Enforcing Contracts, time (days) [WB\_Biz] |
| ec\_cost\_BZ | Enforcing Contracts, cost (% of claim) [WB\_Biz] |
| rank\_ri\_BZ | Resolving Insolvency Rank [WB\_Biz] |
| ri\_time\_BZ | Resolving Insolvency, time (years) [WB\_Biz] |
| ri\_cost\_BZ | Resolving Insolvency, cost (% of estate) [WB\_Biz] |
| ri\_out\_BZ | Resolving Insolvency, outcome (0 as piecemeal sale and 1 as going concern) [WB\_Biz] |
| ri\_reco\_BZ | Resolving Insolvency, recovery rate (cents on the dollar) [WB\_Biz] |
| finconst\_GFD | Firms identifying access to finance as a major constraint (%)[GFD] |
| firms\_bf\_GFD | Firms using banks to finance investments (%)[GFD] |
| firms\_bw\_GFD | Firms using banks to finance working capital (%)[GFD] |
| firms\_loc\_GFD | Firms with a bank loan or line of credit (%)[GFD] |
| firms\_chksv\_GFD | Firms with a checking or savings account (%)[GFD] |
| loancollat\_GFD | Value of collateral needed for a loan (% of the loan amount) [GFD] |
| compratio\_GFD | Number of listed companies per 1,000,000 people [GFD] |
| proc\_99\_JC | Number of procedures for a start-up to obtain a legal status (2-19). [JCB] |

## Infrastructure/Development

|  |  |
| --- | --- |
| **Variable** | **Label** |
| internet\_br\_WDI | Fixed broadband Internet subscribers (per 100 people) [WDI] |
| mobile\_WDI | Mobile cellular subscriptions (per 100 people) [WDI] |
| patapps\_WDI | Patent applications, residents [WDI] |
| power\_out\_WDI | Power outages in firms in a typical month (number) [WDI] |
| tech\_rnd\_WDI | Technicians in R&D (per million people) [WDI] |
| tele\_WDI | Telephone lines (per 100 people) [WDI] |
| trdmk\_apps\_WDI | Trademark applications, total [WDI] |
| edu\_rd\_BTI | Successfulness of education policies and government support for R&D [BTI] |
| buildhr \_CPIA | CPIA building human resources rating (1=low to 6=high) [CPIA] |
| regenv\_CPIA | CPIA business regulatory environment rating (1=low to 6=high) [CPIA] |
| debtpol\_CPIA | CPIA debt policy rating (1=low to 6=high) [CPIA] |
| econman\_CPIA | CPIA economic management cluster average (1=low to 6=high) [CPIA] |
| effrev\_CPIA | CPIA efficiency of revenue mobilization rating (1=low to 6=high) [CPIA] |
| equitypub\_CPIA | CPIA equity of public resource use rating (1=low to 6=high) [CPIA] |
| finsect\_CPIA | CPIA financial sector rating (1=low to 6=high) [CPIA] |
| fiscpol\_CPIA | CPIA fiscal policy rating (1=low to 6=high) [CPIA] |
| gendereq\_CPIA | CPIA gender equality rating (1=low to 6=high) [CPIA] |
| macroman\_CPIA | CPIA macroeconomic management rating (1=low to 6=high) [CPIA] |
| socinceq\_CPIA | CPIA policies for social inclusion/equity cluster average (1=low to 6=high) [CPIA] |
| envirsus\_CPIA | CPIA policy and institutions for environmental sustainability rating (1=low to 6=high) [CPIA] |
| proprights\_CPIA | CPIA property rights and rule-based governance rating (1=low to 6=high) [CPIA] |
| pubsecman\_CPIA | CPIA public sector management and institutions cluster average (1=low to 6=high) [CPIA] |
| budgfinman\_CPIA | CPIA quality of budgetary and financial management rating (1=low to 6=high) [CPIA] |
| pubadmin\_CPIA | CPIA quality of public administration rating (1=low to 6=high) [CPIA] |
| socipro\_CPIA | CPIA social protection rating (1=low to 6=high) [CPIA] |
| strucpol\_CPIA | CPIA structural policies cluster average (1=low to 6=high) [CPIA] |
| traderat\_CPIA | CPIA trade rating (1=low to 6=high) [CPIA] |
| transpacc\_CPIA | CPIA transparency, accountability, and corruption in the public sector rating (1=low to 6=high) [CPIA] |
| IDAres\_CPIA | IDA resource allocation index (1=low to 6=high) [CPIA] |

## Natural Resources

|  |  |
| --- | --- |
| **Variable** | **Label** |
| combinedoil\_AE | Oil Exports (% of GDP) (Ashford) [AE] |
| ex\_agri\_WDI | Agricultural raw materials exports (% of merchandise exports) [WDI] |
| ex\_food\_WDI | Food exports (% of merchandise exports) [WDI] |
| ex\_fuel\_WDI | Fuel exports (% of merchandise exports) [WDI] |
| ex\_oresmet\_WDI | Ores and metal exports (% of merchandise exports) [WDI] |
| reserves\_im\_WDI | Total reserves in months of imports [WDI] |
| reserves\_tot\_WDI | Total reserves (includes gold, current US$) [WDI] |
| natresource\_rents\_WDI | Total natural resources rents (% of GDP) [WDI] |
| oil\_value\_2014\_PTO | Total value of oil production (volume times world price for oil) [PTO] |
| gas\_value\_2014\_PTO | Total value of gas production (volume times world price for gas) [PTO] |
| oil\_gas\_value\_2014\_PTO | Total value of oil and gas production [PTO] |

## Regime Type and Characteristics

|  |  |
| --- | --- |
| **Variable** | **Label** |
| fragment\_P4 | Polity fragmentation [P4] |
| democ\_P4 | Institutionalized democracy [P4] |
| autoc\_P4 | Institutionalized autocracy [P4] |
| polity\_P4 | Combined polity score [P4] |
| polity2\_P4 | Revised combined polity score [P4] |
| durable\_P4 | Regime durability [P4] |
| xconst\_P4 | Executive constraints [P4] |
| parreg\_P4 | Regulation of participation [P4] |
| parcomp\_P4 | Competitiveness of participation [P4] |
| polcomp\_P4 | Political competition [P4] |
| change\_P4 | Total change in polity value [P4] |
| sf\_P4 | State failure [P4] |
| regtrans\_P4 | Regime transition [P4] |
| v2x\_polyarchy\_VDEM | Electoral democracy index [VDEM] |
| v2x\_api\_VDEM | Additive polyarchy index [VDEM] |
| v2x\_mpi\_VDEM | Multiplicative polyarchy index [VDEM] |
| v2x\_EDcomp\_thick\_VDEM | Electoral component index [VDEM] |
| v2x\_libdem\_VDEM | Liberal democracy index [VDEM] |
| v2x\_liberal\_VDEM | Liberal component index [VDEM] |
| v2x\_partipdem\_VDEM | Participatory democracy index [VDEM] |
| v2x\_partip\_VDEM | Participatory component index [VDEM] |
| v2x\_delibdem\_VDEM | Deliberative democracy index [VDEM] |
| v2xdl\_delib\_VDEM | Deliberative component index [VDEM] |
| v2x\_egaldem\_VDEM | Egalitarian democracy index [VDEM] |
| v2x\_egal\_VDEM | Egalitarian component index [VDEM] |
| v2xel\_frefair\_VDEM | Clean elections index [VDEM] |
| v2x\_accex\_VDEM | Elected executive index [VDEM] |
| v2x\_jucon\_VDEM | Judicial constraints on the executive index [VDEM] |
| v2xlg\_legcon\_VDEM | Legislative constraints on the executive index [VDEM] |
| v2x\_cspart\_VDEM | Civil society participation index [VDEM] |
| v2xdd\_dd\_VDEM | Direct popular vote index [VDEM] |
| v2xel\_locelec\_VDEM | Local government index [VDEM] |
| v2xel\_regelec\_VDEM | Regional government index [VDEM] |
| v2xcs\_ccsi\_VDEM | Core civil society index [VDEM] |
| v2xps\_party\_VDEM | Party system institutionalization index [VDEM] |
| v2x\_elecreg\_VDEM | Electoral regime index [VDEM] |
| v2xex\_elecreg\_VDEM | Executive electoral regime index [VDEM] |
| v2xlg\_elecreg\_VDEM | Legislative electoral regime index [VDEM] |
| v2xel\_elecparl\_VDEM | Legislative or constituent assembly election [VDEM] |
| v2xlg\_leginter\_VDEM | Legislature closed down or aborted [VDEM] |
| v2xel\_elecpres\_VDEM | Presidential election [VDEM] |
| v2x\_hosinter\_VDEM | Chief executive no longer elected [VDEM] |
| v2x\_corr\_VDEM | Political corruption [VDEM] |
| v2x\_pubcorr\_VDEM | Public sector corruption index [VDEM] |
| v2x\_execorr\_VDEM | Executive corruption index [VDEM] |
| v2x\_lgdivparctrl\_VDEM | Divided party control of legislature [VDEM] |
| v2x\_feduni\_VDEM | Division of power index [VDEM] |
| system\_DPI | Political System [DPI] |
| yrsoffc\_DPI | Chief Executive Years in Office [DPI] |
| finittrm\_DPI | Finite Term in Office [DPI] |
| yrcurnt\_DPI | Years Left in Current Term [DPI] |
| multpl\_DPI | Can Chief Executive Serve Multiple Terms [DPI] |
| military\_DPI | Is Chief Executive a Military Officer? [DPI] |
| defmin\_DPI | Is Defense Minister a Military Officer? [DPI] |
| percent1\_DPI | President Percentage of Votes, first round [DPI] |
| percentl\_DPI | President Percentage of Votes, last round [DPI] |
| prtyin\_DPI | Party of Chief Executive Length of Time in Office [DPI] |
| execme\_DPI | Name of Executive Party [DPI] |
| execrlc\_DPI | Chief Executive Party Orientation [DPI] |
| execnat\_DPI | Chief Executive Party: Nationalist [DPI] |
| execrurl\_DPI | Chief Executive Party: Rural [DPI] |
| execreg\_DPI | Chief Executive Party: Regional [DPI] |
| execrel\_DPI | Chief Executive Party: Religious [DPI] |
| execage\_DPI | Age of Chief Executive Party [DPI] |
| allhouse\_DPI | Does Party of Executive Control All Houses? [DPI] |
| nonchief\_DPI | Party affiliation of Non-Chief Exec in Systems with both President and PM [DPI] |
| totalseats\_DPI | Total Seats in Legislature [DPI] |
| gov1me\_DPI | Name of Largest Government Party [DPI] |
| gov1seat\_DPI | Number of Seats of Largest Government Party [DPI] |
| gov1vote\_DPI | Vote Share of Largest Government Party [DPI] |
| gov1rlc\_DPI | Largest Government Party Orientation [DPI] |
| gov1nat\_DPI | Largest Government Party: Nationalist [DPI] |
| gov1rurl\_DPI | Largest Government Party: Rural [DPI] |
| gov1reg\_DPI | Largest Government Party: Regional [DPI] |
| gov1rel\_DPI | Largest Government Party: Religious [DPI] |
| gov1age\_DPI | Age of Largest Government Party [DPI] |
| gov2me\_DPI | Name of 2nd Largest Government Party [DPI] |
| gov2seat\_DPI | Number of Seats of 2nd Largest Government Party [DPI] |
| gov2vote\_DPI | Vote Share of 2nd Largest Government Party [DPI] |
| gov2rlc\_DPI | 2nd Largest Government Party Orientation [DPI] |
| gov2nat\_DPI | 2nd Largest Government Party: Nationalist [DPI] |
| gov2rurl\_DPI | 2nd Largest Government Party: Rural [DPI] |
| gov2reg\_DPI | 2nd Largest Government Party: Regional [DPI] |
| gov2rel\_DPI | 2nd Largest Government Party: Religious [DPI] |
| gov2age\_DPI | Age of 2nd Largest Government Party [DPI] |
| gov3me\_DPI | Name of 3rd Largest Government Party [DPI] |
| gov3seat\_DPI | Number of Seats of 3rd Largest Government Party [DPI] |
| gov3vote\_DPI | Vote Share of 3rd Largest Government Party [DPI] |
| gov3rlc\_DPI | 3rd Largest Government Party Orientation [DPI] |
| gov3nat\_PDI | 3rd Largest Government Party: Nationalist [DPI] |
| gov3rurl\_DPI | 3rd Largest Government Party: Rural [DPI] |
| gov3reg\_DPI | 3rd Largest Government Party: Regional [DPI] |
| gov3rel\_DPI | 3rd Largest Government Party: Religious [DPI] |
| gov3age\_DPI | Age of 3rd Largest Government Party [DPI] |
| govoth\_DPI | Number of Other Government Parties [DPI] |
| govothst\_DPI | Number of Seats of Other Government Parties [DPI] |
| govothvt\_DPI | Vote Share of Other Government Parties [DPI] |
| opp1me\_DPI | Name of Largest Opposition Party [DPI] |
| opp1seat\_DPI | Number of Seats of Largest Opposition Party [DPI] |
| opp1vote\_DPI | Vote Share of Largest Opposition Party [DPI] |
| opp1rlc\_DPI | Largest Opposition Party Orientation [DPI] |
| opp1nat\_DPI | Largest Opposition Party: Nationalist [DPI] |
| opp1rurl\_DPI | Largest Opposition Party: Rural [DPI] |
| opp1reg\_DPI | Largest Opposition Party: Regional [DPI] |
| opp1rel\_DPI | Largest Opposition Party: Religious [DPI] |
| opp1age\_DPI | Age of Largest Opposition Party [DPI] |
| opp2me\_DPI | Name of 2nd Largest Opposition Party [DPI] |
| opp2seat\_DPI | Number of Seats of 2nd Largest Opposition Party [DPI] |
| opp2vote\_DPI | Vote Share of 2nd Largest Opposition Party [DPI] |
| opp3me\_DPI | Name of 3rd Largest Opposition Party [DPI] |
| opp3seat\_DPI | Number of Seats of 3rd Largest Opposition Party [DPI] |
| opp3vote\_DPI | Vote Share of 3rd Largest Opposition Party [DPI] |
| oppoth\_DPI | Number of Other Opposition Parties [DPI] |
| oppothst\_DPI | Number of Seats of Other Opposition Parties [DPI] |
| oppothvt\_DPI | Number of Votes of Other Opposition Parties [DPI] |
| ulprty\_DPI | Number of Non-Aligned Parties [DPI] |
| numul\_DPI | Number of Seats of Non-Aligned Parties [DPI] |
| ulvote\_DPI | Vote Share of Non-Aligned Parties [DPI] |
| oppmajh\_DPI | Does One Opposition Party have a Majority in the House? [DPI] |
| oppmajs\_DPI | Does One Opposition Party have a Majority in the Senate? [DPI] |
| dateleg\_DPI | Month Legislative Elections Held [DPI] |
| dateexec\_DPI | Month Presidential Elections Held [DPI] |
| legelec\_DPI | Legislative Election Held [DPI] |
| exelec\_DPI | Presidential Election Held [DPI] |
| liec\_DPI | Legislative Electoral Competitiveness [DPI] |
| eiec\_DPI | Executive Electoral Competitiveness [DPI] |
| mdmh\_DPI | Mean District Magnitude House [DPI] |
| mdms\_DPI | Mean District Magnitude Senate [DPI] |
| ssh\_DPI | Number of Seats in Senate/Total Seats in Both Houses [DPI] |
| plurality\_DPI | Plurality [DPI] |
| pr\_DPI | Proportional Representation [DPI] |
| housesys\_DPI | Electoral Rule House [DPI] |
| sensys\_DPI | Electoral Rule Senate [DPI] |
| thresh\_DPI | Vote Threshold [DPI] |
| dhondt\_DPI | D'Hondt System [DPI] |
| cl\_DPI | Closed List [DPI] |
| select\_DPI | Candidate Selection [DPI] |
| fraud\_DPI | Vote Fraud [DPI] |
| auton\_DPI | Autonomous Regions [DPI] |
| muni\_DPI | Municipal Government [DPI] |
| state\_DPI | State Government [DPI] |
| author\_DPI | State Government Authority over Taxing, Spending, or Legislating [DPI] |
| stconst\_DPI | Are the Constituencies of the Senators the States/Provinces? [DPI] |
| numgov\_DPI | Number of Government Seats [DPI] |
| numvote\_DPI | Vote Share of Government Parties [DPI] |
| numopp\_DPI | Number of Opposition Seats [DPI] |
| oppvote\_DPI | Vote Share of Opposition Parties [DPI] |
| maj\_DPI | Margin of Majority [DPI] |
| partyage\_DPI | Average Age of Parties [DPI] |
| herfgov\_DPI | Herfindahl Index of Government Parties [DPI] |
| herfopp\_DPI | Herfindahl Index of Opposition Parties [DPI] |
| herftot\_DPI | Herfindahl Index Total [DPI] |
| frac\_DPI | Fractionalization Index [DPI] |
| oppfrac\_DPI | Opposition Fractionalization Index [DPI] |
| govfrac\_DPI | Government Fractionalization Index [DPI] |
| tensys\_strict\_DPI | tensys\_strict [DPI] |
| tensys\_DPI | System Tenure [DPI] |
| checks\_lax\_DPI | checks\_lax [DPI] |
| checks\_DPI | Checks and Balances [DPI] |
| stabs\_strict\_DPI | Stability (Threshold: LIEC = 6) [DPI] |
| stabs\_DPI | Stability [DPI] |
| stabns\_strict\_DPI | Stability, single chamber (Threshold: LIEC = 6) [DPI] |
| stabns\_DPI | Stability, single chamber [DPI] |
| tenlong\_strict\_DPI | Longest Tenure of a Veto Player (Threshold: LIEC = 6) [DPI] |
| tenlong\_DPI | Longest Tenure of a Veto Player [DPI] |
| tenshort\_strict\_DPI | Shortest Tenure of a Veto Player (Threshold: LIEC = 6) [DPI] |
| tenshort\_DPI | Shortest Tenure of a Veto Player [DPI] |
| polariz\_DPI | Polarization [DPI] |
| spell\_GE | Time invariant count of number of years in power [Geddes] |
| duration\_GE | Time at risk of failure at time t [Geddes] |
| fail\_GE | Binary variable indicating regime failure (fail==1) [Geddes] |
| fail\_subsregime\_GE | Regime failure, transition to [Geddes] |
| fail\_type\_GE | Regime failure, type (howend) [Geddes] |
| fail\_violent\_GE | Regime failure, violence [Geddes] |
| regimetype\_GE | Regime type, including hybrids (10) [Geddes] |
| party\_GE | Party regime (including hybrids, oligarchy, and Iran) [Geddes] |
| personal\_GE | Personalist regime [Geddes] |
| military\_GE | Military regime (including military personel and indirect military) [Geddes] |
| monarch\_GE | Monarchy [Geddes] |
| democracy\_BX | Democracy [Boix] |
| sovereign\_BX | Sovereign Dummy [Boix] |
| democracy\_trans\_BX | Democratic Transition [Boix] |
| democracy\_breakdowns\_BX | Democratic Breakdown [Boix] |
| democracy\_duration\_BX | Democratic Duration [Boix] |
| democracy\_omitteddata\_BX | Democracy Omitted Data [Boix] |
| inclusive\_IDC | Inclusive powersharing [IDC] |
| dispersive\_IDC | Dispersive Powersharing [IDC] |
| constraining\_IDC | Constraining Powersharing [IDC] |
| inclusive\_imp\_IDC | Inclusive with missing values imputed [IDC] |
| constsusp\_IDC | Constitution Suspended [IDC] |
| dispersive\_imp\_IDC | Dispersive with missing values imputed [IDC] |
| treaty\_IDC | Treaty serving in lieu of a constitution [IDC] |
| constraining\_imp\_IDC | Constraining with missing values imputed [IDC] |
| inclusive\_nm\_IDC | Inclusive with missing values replaced as 0 [IDC] |
| dispersive\_nm\_IDC | Dispersive with missing values replaced as 0 [IDC] |
| constraining\_nm\_IDC | Constraining with missing values replaced as 0 [IDC] |
| martiallaw\_binary\_IDC | Martial Law [IDC] |
| gcman\_IDC | Grand Coalition (mandated) [IDC] |
| gcimp\_IDC | Grand Coalition (implemented) [IDC] |
| unity\_IDC | National Unity Government [IDC] |
| gcseats1\_IDC | Grand Coalition by Seats (Two largest parties in government) [IDC] |
| gcseats2\_IDC | Grand Coalition by Seats (Excess Party in Coalition) [IDC] |
| gcseats3\_IDC | Grand Coalition by Seats (Either gscseats1 or gcseats2 = 1) [IDC] |
| gcnew\_IDC | gcman or unity = 1 [IDC] |
| partynoethnic\_IDC | Ethnic Party Ban [IDC] |
| mveto\_IDC | Mutual Veto [IDC] |
| resman\_IDC | Reserved Executive Positions (Mandated) [IDC] |
| resimp\_IDC | Reserved Executive Positions (Implemented) [IDC] |
| resseats\_IDC | Reserved Seats (Mandated) [IDC] |
| resseats2\_IDC | Reserved Seats Binary (Mandated) [IDC] |
| resseatsimp\_IDC | Reserved Seats (Implemented) [IDC] |
| stconst\_IDC | Regional Constituencies in the Upper House [IDC] |
| state\_IDC | State/Provincial Governments Locally Elected [IDC] |
| state\_dummy1\_IDC | state\_dummy1\_IDC [IDC] |
| state\_dummy2\_IDC | state\_dummy2\_IDC [IDC] |
| muni\_IDC | Municipal Governments Locally Elected [IDC] |
| subtax\_IDC | Sub-National Tax Authority [IDC] |
| subed\_IDC | Subnational Education Authority [IDC] |
| subpolice\_IDC | Subnational Police Authority [IDC] |
| auton\_IDC | Asymmetric Federalism [IDC] |
| milleg\_IDC | Military Legislator Ban [IDC] |
| miman\_IDC | Inclusive Military [IDC] |
| mfound\_IDC | Foundational Military [IDC] |
| milparty\_IDC | Constitutional Provision Against Military Party Membership [IDC] |
| milparty2\_IDC | Mandatory Party Membership for Military [IDC] |
| jtenure\_IDC | Judicial Tenure [IDC] |
| jtenure\_dummy1\_IDC | jtenure\_dummy1\_IDC [IDC] |
| jtenure\_dummy2\_IDC | jtenure\_dummy2\_IDC [IDC] |
| jcause\_IDC | Judges can be removed without cause [IDC] |
| japptbr\_IDC | Judicial Appointment Authority Divided [IDC] |
| jconst\_IDC | Judicial Constitution [IDC] |
| jrevman\_IDC | Judicial Review [IDC] |
| violation\_IDC | Violation of Mandated Powersharing [IDC] |
| pr\_IDC | Proportional Representation [IDC] |
| lji\_LS | Latent Judicial Independence Measure [LS] |
| jud\_rev\_JCB | Extent, judges have power to review the constitutionality of laws. 0-2. [JCB] |
| P\_dem94\_JCB | Democracy score in 1994 (0-10). Lower score, less democracy. [JCB] |
| rigid\_JCB | How hard it is to change the constitution in a given country. (1-4). [JCB] |
| new\_constitutional\_JCB | Sum of: judiciary review ind., rigidity of const. ind. [JCB] |
| new\_independence\_JCB | Sum of: tenure of Sup. Ct. judges, admin. Ct. judges, case law var. [JCB] |
| leader\_CHI | The name of the country’s leader in a given year. If there were multiple leaders, their names are separated by commas [CHI] |
| leaderpos\_CHI | The official title of the leader in the given year [CHI] |
| totalldrtrans\_CHI | A count of the leader transitions in the given year [CHI] |
| leadertrans\_CHI | Coded 1 if there is at least one leadership transition in a given year and 0 otherwise [CHI] |
| solschange\_CHI | This variable is equal to the count of SOLS changes during the country-year in which the new SOLS was in power for more than 30 days in a row. Coded 0 if there are no SOLS changes in the year that last more than 30 days total. This count variable does not include minor SOLS changes nor SOLS changes that last less than 30 days [CHI] |
| solschdum\_CHI | Coded 1 if there is at least one SOLS change that lasts longer than 30 days in the year, and 0 otherwise. This variable does not take into account minor SOLS changes, nor SOLS changes that last less than 30 days [CHI] |
| solschange30\_CHI | This variable is equal to the count of SOLS changes during the country-year in which the new SOLS was in power for less than 30 days total. Coded 0 if there are no SOLS changes in the year that lasted less than 30 days [CHI] |
| solsch30dum\_CHI | This variable is coded 1 if there is at least one SOLS change that lasts less than 30 days and 0 otherwise [CHI] |
| solsminchange\_CHI | This variable is equal the count of minor SOLS changes during the country-year. Coded 0 if there are no minor SOLS changes in the country-year [CHI] |
| solsminchdum\_CHI | This variable is coded 1 if there is at least one minor SOLS change during the country-year and 0 otherwise [CHI] |

## Rule of Law

|  |  |
| --- | --- |
| **Variable** | **Label** |
| propright\_EF | Protection of property rights [EF] |
| impartcourts\_EF | Impartial Courts [EF] |
| bizcrimecost\_EF | Business cost of crime [EF] |
| policerely\_EF | Reliability of police [EF] |
| legal\_rt\_WDI | Strength of legal rights index (0=weak to 12=strong) [WDI] |
| v2xcl\_rol\_VDEM | Equality before the law and individual liberty index [VDEM] |
| v2xeg\_eqprotec\_VDEM | Equal protection index [VDEM] |
| jtenure\_IDC | Judicial Tenure [IDC] |
| jtenure\_dummy1\_IDC | jtenure\_dummy1\_IDC [IDC] |
| jtenure\_dummy2\_IDC | jtenure\_dummy2\_IDC [IDC] |
| jcause\_IDC | Judges can be removed without cause [IDC] |
| japptbr\_IDC | Judicial Appointment Authority Divided [IDC] |
| jconst\_IDC | Judicial Constitution [IDC] |
| jrevman\_IDC | Judicial Review [IDC] |
| lji\_LS | Latent Judicial Independence Measure [LS] |
| GQ\_EST\_WGI | Regulatory quality, estimate [WB WGI] |
| RL\_EST\_WGI | Rule of law, estimate [WB WGI] |
| CC\_EST\_WGI | Control of corruption, estimate [WB WGI] |
| corrupprev\_SGI | Rule of Law: Corruption Prevention [SGI] |
| adr\_acces\_WJP | ADRs are accessible, impartial, and effective [WJP] |
| civil\_cf\_WJP | Civil conflict is effectively limited [WJP] |
| cj\_crpt\_WJP | Civil justice is free of corruption [WJP] |
| cj\_delay\_WJP | Civil justice is not subject to unreasonable delays [WJP] |
| cj\_disc\_WJP | Civil justice is free of discrimination [WJP] |
| cj\_enfor\_WJP | Civil justice is effectively enforced [WJP] |
| crime\_ctrl\_WJP | Crime is effectively controlled [WJP] |
| due\_admin\_WJP | Due process is respected in administrative proceedings [WJP] |
| exec\_crpt\_WJP | Executive branch officials do not use public office for private gain [WJP] |
| expr\_comp\_WJP | The Government does not expropriate without adequate compensation [WJP] |
| gov\_reg\_WJP | Government regulations are applied and enforced without improper influence [WJP] |
| judic\_crpt\_WJP | Judicial branch officials do not use public office for private gain [WJP] |
| legis\_crpt\_WJP | Legislative branch officials do not use public office for private gain [WJP] |
| milt\_crpt\_WJP | Police and Military officials do not use public office for private gain [WJP] |
| ppl\_cj\_WJP | People have access to affordable civil justice [WJP] |
| prty\_rights\_BTI | Extent of government ensuring private property rights and regulations [BTI] |
| pr\_rbgovn\_IDA | Measure of Property Rights and Rule Based Governance [IDA] |
| injud\_CR | Independence of the judiciary [CIRI] |
| ipp\_index\_IP | International patent protection index [Park] |
| ippstrength\_ZH | IPP, 1 for weak 2 for strong [Zhao] |
| legor\_uk\_JCB | Origin of Company Law/Commercial Code is the English Common Law. [JCB] |
| legor\_fr\_JCB | Origin of Company Law/Commercial Code is the French Commercial Code. [JCB] |
| legor\_so\_JCB | Origin of Company Law/Commercial Code is the German Commercial Code. [JCB] |
| legor\_ge\_JCB | Origin of Company Law/Commercial Code is the Scandinavian Commercial Code. [JCB] |
| legor\_sc\_JCB | Origin of Company Law/Commercial Code is Socialist/Communist laws. [JCB] |
| f\_prop97\_JCB | Rating of property rights in each country in 1997 (1-5). [JCB] |
| sc\_ten\_JCB | Tenure of Supreme Court judges (0-2). [JCB] |
| ac\_ten\_JCB | Tenure of highest ranked judges ruling on administrative cases. 0-2. [JCB] |
| injud\_HDI | No judicial independence [HDI] |
| midjud\_HDI | Partial judicial independence [HDI] |
| fulljud\_HDI | Full judicial independence [HDI] |

## Effective Governance

|  |  |
| --- | --- |
| **Variable** | **Label** |
| sfi\_SFI | State fragility index [SFI] |
| effect\_SFI | Effectiveness score [SFI] |
| legit\_SFI | Legitimacy score [SFI] |
| seceff\_SFI | Security effectiveness score [SFI] |
| secleg\_SFI | Security legitimacy score [SFI] |
| poleff\_SFI | Political effectiveness score [SFI] |
| polleg\_SFI | Political legitimacy score [SFI] |
| ecoeff\_SFI | Economic effectiveness score [SFI] |
| ecoleg\_SFI | Economic legitimacy score [SFI] |
| soceff\_SFI | Social effectiveness score [SFI] |
| socleg\_SFI | Social legitimacy score [SFI] |
| GE\_EST\_WGI | Government effectiveness, estimate [WB WGI] |
| ti\_cpi\_TI | Corruption perceptions index [TI] |

## Violence and Stability

|  |  |
| --- | --- |
| **Variable** | **Label** |
| deaths\_bt\_WDI | Battle-related deaths (number of people) [WDI] |
| PV\_EST\_WGI | Political stability absence of violence, estimate [WB WGI] |
| intind\_PV | War of Independence, Magnitude [PV] |
| intviol\_PV | International Violence, Magnitude [PV] |
| intwar\_PV | International Warfare, Magnitude [PV] |
| civviol\_PV | Civil Violence, Magnitude [PV] |
| civwar\_PV | Civil War, Magnitude [PV] |
| ethviol\_PV | Ethnic violence, Magnitude [PV] |
| ethwar\_PV | Ethnic War, Magnitude [PV] |
| inttot\_PV | Total interstate MEPVS, Magnitude [PV] |
| civtot\_PV | Total civil and ethnic MEPVS, Magnitude [PV] |
| actotal\_PV | Total MEPVS, Magnitude [PV] |
| nborder\_PV | Number of states sharing a border [PV] |
| MID\_phat\_MP | MID Propensity [NOR] |
| peacekeep\_PF | Whether the state hosted a UN Peacekeeping mission that year [PF] |
| politterr\_a\_PTS | Political Terror Scale based on Amnesty International [PTS] |
| politterr\_s\_PTS | Political Terror Scale based on the US State Department [PTS] |
| politterr\_HRW\_PTS | Political Terror Scale based on HRW [PTS] |
| sociaviol\_SVS | Societal violence scale (1-5 with 5 being highest) [SVS] |
| id\_PO | Conflict identifier |
| sidea\_PO | Identifies the country of SideA. Always the government side in an internal conflict. |
| sidea2nd\_PO | Name of state(s) supporting side A with troops |
| sideb\_PO | Country name or opposition actor |
| sideb2nd\_PO | Name of state(s) supporting side B with troops |
| incomp\_PO | Dyad incompatibility |
| terr\_PO | Name of territory |
| intensity\_PO | Intensity level (minor armed conflicts and wars) |
| cumintensity\_PO | Cumulative intensity |
| type\_PO | Conflict type |
| region\_PO | Region of location |
| bdeadlow\_BD | Low estimate of annual battle fatalities [BD] |
| bdeadhigh\_BD | High estimate of annual battle fatalities [BD] |
| bdeadbest\_BD | Best estimate of annual battle fatalities [BD] |
| BdLow\_UBD | Low estimate of annual battle fatalities [UBD] |
| BdHigh\_UBD | High estimate of annual battle fatalities [UBD] |
| BdBest\_UBD | Best estimate of annual battle fatalities [UBD] |
| onset2\_AO | 2 years between onset variables coded [AO] |
| onset3\_AO | 3 years between onset variables coded [AO] |
| onset4\_AO | 4 years between onset variables coded [AO] |
| onset5\_AO | 5 years between onset variables coded [AO] |
| onset6\_AO | 6 years between onset variables coded [AO] |
| onset7\_AO | 7 years between onset variables coded [AO] |
| onset8\_AO | 8 years between onset variables coded [AO] |
| onset9\_AO | 9 years between onset variables coded [AO] |
| theftcars\_count\_ODC | Theft of Private Cars, number of police recorded offences [ODC] |
| theftcars\_rate\_ODC | Theft of Private Cars, police recorded offences per 10,000 of population [ODC] |
| burg\_count\_ODC | Burglary, number of police recorded offences [ODC] |
| burg\_rate\_ODC | Burglary, police recorded offences per 10,000 of population [ODC] |
| housebrk\_count\_ODC | Housebreaking, number of police recorded offences [ODC] |
| housebrk\_rate\_ODC | Housebreaking, police recorded offences per 10,000 of population [ODC] |
| homicide\_count\_ODC | Intentional homicides [ODC] |
| homicide\_rate\_ODC | Intentional homicides per 10,000 of population [ODC] |
| hommicidempc\_count\_ODC | Intentional homicide count in most populated city [ODC] |
| hommicidempc\_rate\_ODC | Intentional homicide rate per 10,000 of population in most populated city [ODC] |
| mpcity\_ODC | The most populated city in each country [ODC] |
| mvtheft\_count\_ODC | Motor Vehicle Theft, number of police-recorded offences [ODC] |
| mvtheft\_rate\_ODC | Motor Vehicle Theft, police-recorded offences per 10,000 of population [ODC] |
| robbery\_count\_ODC | Robbery, number of police-recorded offences [ODC] |
| robbery\_rate\_ODC | Robbery, police-recorded offences per 10,000 of population [ODC] |
| theft\_count\_ODC | Theft, number of police-recorded offences [ODC] |
| theft\_rate\_ODC | Theft, police-recorded offences per 10,000 of population [ODC] |

## Rights

|  |  |
| --- | --- |
| **Variable** | **Label** |
| v2x\_frassoc\_thick\_VDEM | Freedom of association (thick) index [VDEM] |
| v2x\_freexp\_thick\_VDEM | Expanded freedom of expression index [VDEM] |
| v2x\_freexp\_VDEM | Freedom of expression index [VDEM] |
| v2x\_suffr\_VDEM | Share of population with suffrage [VDEM] |
| v2xcl\_rol\_VDEM | Equality before the law and individual liberty index [VDEM] |
| v2xeg\_eqdr\_VDEM | Equal distribution of resources index [VDEM] |
| v2xcs\_ccsi\_VDEM | Core civil society index [VDEM] |
| v2x\_gender\_VDEM | Women political empowerment index [VDEM] |
| v2x\_gencl\_VDEM | Women civil liberties index [VDEM] |
| v2x\_gencs\_VDEM | Women civil society participation index [VDEM] |
| v2x\_genpp\_VDEM | Women political participation index [VDEM] |
| v2x\_civlib\_VDEM | Civil liberties index [VDEM] |
| v2x\_clphy\_VDEM | Physical violence index [VDEM] |
| v2x\_clpol\_VDEM | Political liberties index [VDEM] |
| v2x\_clpriv\_VDEM | Private liberties index [VDEM] |
| relestablish\_IDC | State Establishment of Religion [IDC] |
| relestablish\_binary\_IDC | State Establisment of Religion [IDC] |
| relrestrict\_IDC | State Restriction of (minority) religions [IDC] |
| relconstp\_IDC | Religion Protected (Practice) [IDC] |
| relconstd\_IDC | Religion Protected (Discrimination) [IDC] |
| VA\_EST\_WGI | Voice and accountability, estimate [WB WGI] |
| physint\_CR | Physical integrity rights index [CIRI] |
| disap\_CR | Disappearnace [CIRI] |
| kill\_CR | Extrajudicial killing [CIRI] |
| polpris\_CR | Political imprisonment [CIRI] |
| tort\_CR | Torture [CIRI] |
| assn\_CR | Freedom of assembly and association [CIRI] |
| formov\_CR | Freedom of foreign movement [CIRI] |
| dommov\_CR | Freedom of domestic movement [CIRI] |
| old\_move\_CR | Freedom of movement before 2007 [CIRI] |
| speech\_CR | Freedom of speech [CIRI] |
| elecsd\_CR | Electoral self-determination [CIRI] |
| old\_relfre\_CR | Freedom of religion before 2007 [CIRI] |
| new\_relfre\_CR | Freedom of religion from 2007 [CIRI] |
| worker\_CR | Worker's rights [CIRI] |
| wecon\_CR | Women's economic rights [CIRI] |
| wopol\_CR | Women's political rights [CIRI] |
| wosoc\_CR | Women's social rights [CIRI] |
| injud\_CR | Independence of the judiciary [CIRI] |
| disap\_FA | 3 category ordered variable for disappearances from the CIRI dataset [FA] |
| kill\_FA | 3 category ordered variable from extra-judical killing the CIRI dataset [FA] |
| polpris\_FA | 3 category ordered variable for political imprisonment from the CIRI dataset [FA] |
| tort\_FA | 3 category ordered variable for torture from the CIRI dataset [FA] |
| amnesty\_FA | 5 category [FA] |
| state\_FA | 5 category [FA] |
| hathaway\_FA | 5 category ordered variable for torture from the Hathaway (2002) article. [FA] |
| itt\_FA | 6 category ordered variable for torture from the ITT dataset [FA] |
| genocide\_FA | a binary variable for genocide from Harff's 2003 APSR article [FA] |
| rummel\_FA | a binary variable for politicide/genocide based on data from Rummel [FA] |
| massive\_repression\_FA | a binary variable for massive repressive events taken from Harff and Gurr's 1988 ISQ article [FA] |
| executions\_FA | a binary variable taken from the World Handbook of political indicators [FA] |
| killing\_FA | binary version based on the UCDP one sided violence count data [FA] |
| additive\_FA | the CIRI Physint scale [FA] |
| latentmean\_FA | the posterior mean of the latent variable (i.e. human rights protection) [FA] |
| latentsd\_FA | the standard deviation of the posterior estimates for human rights protection [FA |
| laborrights\_MU | Mosley-Uno measure of collective labor rights [MU] |
| transparencyindex\_HR | The point estimate of the HRV index for each country and year. [HRV] |
| transparencyindexub\_HR | The estimated upper bound of the HRV index for each country and year. [HRV] |
| transparencyindexlb\_HR | The estimated lower bound of HRV index for each country and year. [HRV] |
| transparencyindexsd\_HR | The standard deviation of “HRV index” for each country and year. [HRV] |
| transdiff\_HR | The estimated one-year change in HRV index for each country and year. [HRV] |
| transdiffub\_HR | The estimated upper bound of a one year change in the HRV index for each country and year. [HRV] |
| transdifflb\_HR | The estimated lower bound of a one year change in the HRV index for each country and year. [HRV] |
| pright\_JCB | Index of political rights in 1996 (1-7). [JCB] |
| humana\_9\_JCB | Based on three major UN treaties. Higher scores, better human rights. [JCB] |
| index\_labor1\_JCB | Level of worker protection through labor and employment laws. 0.77-2.31. [JCB] |

## The Press

|  |  |
| --- | --- |
| **Variable** | **Label** |
| baselinemwp\_LX | News coverage (total articles) [GKJ] |
| investmentmwp\_LX | Investment Articles in LexisNexis (keyword) [GKJ] |
| subjectmwp\_LX | Potentially Business Relevant Articles in LexisNexis (subjects) [GKJ] |
| ln\_baselinemwp\_LX | Total Articles in LexisNexis (logged) [GKJ] |
| ln\_investmentmwp\_LX | Investment Articles in LexisNexis (keyword) (logged) [GKJ] |
| ln\_subjectmwp\_LX | Potentially Business Relevant Articles in LexisNexis (subjects) (logged) |
| news\_WB | Daily newspapers (per 1,000 people) [WB2010] |
| v2xme\_altinf\_VDEM | Alternative sources of information index [VDEM] |
| Ranking\_FP | Reporters without Borders Press Freedom Annual Ranking [FP] |
| Score\_FP | Reporters with Borders Press Freedom Score [FP] |

## Treaties/Agreements

|  |  |
| --- | --- |
| **Variable** | **Label** |
| under\_BCG | Whether a country was is under an IMF agreement [BCG] |
| undertype\_BCG | Type of IMF agreement country is under [BCG] |
| treaty\_IDC | Treaty serving in lieu of a constitution [IDC] |
| bitstodate\_BIT | BITs signed to date [BIT] |
| lnbitstodate\_BIT | BITs signed to date [BIT] (logged) |
| WTOwhen \_MEM | year of accession [WTO] |
| WTOmem \_MEM | binary, 1 if member, 0 if not [WTO] |
| IMFwhen\_MEM | year of accession [IMF] |
| IMFmem\_MEM | binary, 1 if member, 0 if not [IMF] |
| NATOwhen\_MEM | year of accession [NATO] |
| NATOmem\_MEM | binary, 1 if member, 0 if not [NATO] |
| EUwhen\_MEM | year of accession [EU] |
| EUmem\_MEM | binary, 1 if member, 0 if not [EU] |
| OECDwhen\_MEM | year of accession [OECD] |
| OECDmem\_MEM | binary, 1 if member, 0 if not [OECD] |
| treatytotalN\_BLA | Total number of new treaties signed by the country in the period 1945-2015. This variable is constant for any particular country across all years [BLA] |
| treatyruntotalN\_BLA | Total number of new treaties signed by the country up to, and including, the given year. This variable is a running total of new treaties signed by the country [BLA] |

## Military

|  |  |
| --- | --- |
| **Variable** | **Label** |
| cinc\_MC | CINC score [MC] |
| irst\_MC | Iron and Steel Production [MC] |
| milex\_MC | Military Expenditures [MC] |
| milper\_MC | Military Personnel [MC] |
| energy\_MC | Energy Consumption [MC] |
| tpop\_MC | Total Population [MC] |
| upop\_MC | Urban Population [MC] |
| milex\_SIPRI | Military Expenditures (SIPRI) in millions (2011 USD) [SI] |
| armed\_WDI | Armed forces personnel, total [WDI] |

## Demographics

|  |  |
| --- | --- |
| **Variable** | **Label** |
| tpop\_MC | Total Population [MC] |
| upop\_MC | Urban Population [MC] |
| pop\_PW | Population (in millions) [PW] |
| emp\_PW | Number of persons engaged (in millions) [PW] |
| hc\_PW | Human capital index, based on years of schooling and returns to education [PW] |
| inf\_mort\_WDI | Mortality rate, infant (per 1000 live births) [WDI] |
| life\_exp\_WDI | Life expectancy at birth, total (years) [WDI] |
| lit\_WDI | Literacy rate, adult total (% of people ages 15 and above) [WDI] |
| pop\_WDI | Population, total [WDI] |
| pop\_den\_WDI | Population density (ppl per sq km of land area) [WDI] |
| pop\_urb\_WDI | Urban population (% of total) [WDI] |
| workingpop\_WDI | Population ages 15-64 (% of total) |
| pop0\_14\_WDI | Population ages 0-14 (% of total) [WDI] |
| pop\_WDI\_PW | Population, total [WDI\_PW] |
| lnpop\_WDI\_PW | Population, total (logged) [WDI\_PW] |
| egip\_groups\_count\_EP | Number of EGIP groups [EP] |
| excl\_groups\_count\_EP | Number of MEG groups [EP] |
| regaut\_groups\_count\_EP | Number of groups with regional autonomy [EP] |
| regaut\_excl\_groups\_count\_EP | Number of MEG groups with regional autonomy [EP] |
| regaut\_egip\_groups\_count\_EP | Number of EGIP groups with regional autonomy [EP] |
| rlvt\_groups\_count\_EP | Number of relevant groups [EP] |
| actv\_groups\_count\_EP | Number of active groups [EP] |
| lpop\_EP | Sum of ethnically relevant population as fraction of total population [EP] |
| egippop\_EP | Sum of the population of all EGIP groups as fraction of total population [EP] |
| legippop\_EP | EGIP population as a fraction of ethnically relevant population [EP] |
| exclpop\_EP | Sum of the population of all MEG groups as fraction of total population [EP] |
| lexclpop\_EP | MEG population as a fraction of ethnically relevant population [EP] |
| discrimpop\_EP | Sum of discriminated population as fraction of total population [EP] |
| ldiscrimpop\_EP | Sum discriminated population as fraction of ethnically relevant population [EP] |
| maxexclpop\_EP | Size of largest MEG group as fraction of total population [EP] |
| lmaxexclpop\_EP | Size of largest MEG group as fraction of ethnically relevant population [EP] |
| regautpop\_EP | Sum of population with regional autonomy as fraction of total population [EP] |
| regautexclpop\_EP | Sum pop. with regional autonomy and excluded MEG as fraction of total pop. [EP] |
| regautegippop\_EP | Sum pop. with regional autonomy and included EGIP as fraction of total pop. [EP] |
| cntr\_relevance\_EP | Is ethnicity relevant at least once in sample period (0=No, 1=Yes) [EP] |
| lang1\_LANG | Language 1 [LANG] |
| lang2\_LANG | Language 2 [LANG] |
| indep\_RCS | State is independent on Dec. 31 of observed year [RCS] |
| relmajid\_RCS | ID code of religion of majority of population [RCS] |
| chrpop\_RCS | Population of Christians [RCS] |
| chrpct\_RCS | Percentage of Christians [RCS] |
| jewpop\_RCS | Population of Jews [RCS] |
| jewpct\_RCS | Percentage of Jews [RCS] |
| muspop\_RCS | Population of Muslims [RCS] |
| muspct\_RCS | Percentage of Muslims [RCS] |
| hinpop\_RCS | Population of Hindus (Insufficient data or numbers to subdivide) [RCS] |
| hinpct\_RCS | Percentage of Hindus [RCS] |
| budpop\_RCS | Population of Buddhists (all branches and schools of Buddhism combined) [RCS] |
| budpct\_RCS | Percentage of Buddhists [RCS] |
| eacomppp\_RCS | Population of East Asian Religious Complex [RCS] |
| eacomppt\_RCS | Percentage of East Asian Religious Complex [RCS] |
| shipop\_RCS | Population of Shintoists (insufficient data or numbers to subdivided) [RCS] |
| shipct\_RCS | Percentage of Shintoists [RCS] |
| cnfpop\_RCS | Population of Confucianists insufficient data or numbers to subdivide) [RCS] |
| cnfpct\_RCS | Percentage of Confucianists [RCS] |
| taopop\_RCS | Population of Taoists (insufficient data or numbers to subdivide) [RCS] |
| taopct\_RCS | Percentage of Taoists [RCS] |
| indpop\_RCS | Population of Indigenous Religionists [RCS] |
| indpct\_RCS | Percentage of Indigenous Religionists [RCS] |
| notrelpp\_RCS | Population of Not Religious [RCS] |
| notrelpt\_RCS | Percentage of Not Religious [RCS] |
| unkpop\_RCS | Population of Unknown [RCS] |
| unkpct\_RCS | Percentage of Unknown [RCS] |
| EmigrantStock\_EMS | Total migrant stock [UN] |
| english\_off\_CE | Official Language of the Country is English [CE] |
| avelf\_JCB | Avg. val. of five indices of ethnolinguistic fractionalization (0-5). [JCB] |

## Education/Academics

|  |  |
| --- | --- |
| **Variable** | **Label** |
| journal\_WDI | Scientific and technical journal articles [WDI] |
| lit\_WDI | Literacy rate, adult total (% of people ages 15 and above) [WDI] |
| migrant\_per\_WDI | International migrant stock (% of population) [WDI] |
| migrant\_tot\_WDI | International migrant stock, total [WDI] |
| govexp\_edu\_WDI | Government expenditure on education, total (% of GDP) [WDI] |
| govexp\_edu\_pexp\_WDI | Government expenditure on education, total (% of government expenditure) [WDI] |
| edu\_rd\_BTI | Successfulness of education policies and government support for R&D [BTI] |
| lh\_1519\_BL | Percentage of Tertiary Ages 15 to 19 [BL] |
| lh\_2024\_BL | Percentage of Tertiary Ages 20 to 24 [BL] |
| lh\_25999\_BL | Percentage of Tertiary Ages 25 and up [BL] |
| lh\_F\_1519\_BL | Percentage of Tertiary Females Ages 15 to 19 [BL] |
| lh\_F\_2024\_BL | Percentage of Tertiary Females Ages 20 to 24 [BL] |
| lh\_F\_25999\_BL | Percentage of Tertiary Females Ages 25 and up [BL] |
| lh\_F\_long\_BL | Percentage of tertiary, female population aged 15-64 [BL] |
| lh\_long\_BL | Percentage of tertiary, population aged 15-64 [BL] |
| lpc\_1519\_BL | Percentage of Primary Complete Ages 15 to 19 [BL] |
| lpc\_25999\_BL | Percentage of Primary Complete Ages 25 and up [BL] |
| lpc\_F\_1519\_BL | Percentage of Primary Complete Females Ages 15 to 19 [BL] |
| lpc\_F\_25999\_BL | Percentage of Primary Complete Females Ages 25 and up [BL] |
| ls\_1519\_BL | Percentage of Secondary Ages 15 to 19 [BL] |
| ls\_25999\_BL | Percentage of Secondary Ages 25 and up [BL] |
| ls\_F\_1519\_BL | Percentage of Secondary Females Ages 15 to 19 [BL] |
| ls\_F\_25999\_BL | Percentage of Secondary Females Ages 25 and up [BL] |
| ls\_F\_long\_BL | Percentage of secondary, female population aged 15-64 [BL] |
| ls\_long\_BL | Percentage of secondary, population aged 15-64 [BL] |
| lsc\_1519\_BL | Percentage of Secondary Complete Ages 15 to 19 [BL] |
| lsc\_2024\_BL | Percentage of Secondary Complete Ages 20 to 24 [BL] |
| lsc\_25999\_BL | Percentage of Secondary Complete Ages 25 and up [BL] |
| lsc\_F\_1519\_BL | Percentage of Secondary Complete Females Ages 15 to 19 [BL] |
| lsc\_F\_2024\_BL | Percentage of Secondary Complete Females Ages 20 to 24 [BL] |
| lsc\_F\_25999\_BL | Percentage of Secondary Complete Females Ages 25 and up [BL] |
| lu\_1519\_BL | Percentage of No Schooling Ages 15 to 19 [BL] |
| lu\_25999\_BL | Percentage of No Schooling Ages 25 and up [BL] |
| lu\_F\_1519\_BL | Percentage of No Schooling Females Ages 15 to 19 [BL] |
| lu\_F\_25999\_BL | Percentage of No Schooling Females Ages 25 and up [BL] |
| lu\_F\_long\_BL | Percentage of no schooling, female population aged 15-64 [BL] |
| lu\_long\_BL | Percentage of no schooling, population aged 15-64 [BL] |
| pri\_F\_long\_BL | Primary adjusted enrollment ratio (%) for female population [BL] |
| pri\_long\_BL | Primary adjusted enrollment ratio (%) total population [BL] |
| sec\_F\_long\_BL | Secondary adjusted enrollment ratio (%) for female population [BL] |
| sec\_long\_BL | Secondary adjusted enrollment ratio (%) total population [BL] |
| syr\_F\_long\_BL | Secondary years of schooling, female population ages 15-64 [BL] |
| syr\_long\_BL | Secondary years of schooling, population ages 15-64 [BL] |
| tyr\_F\_long\_BL | Total years of schooling, female population ages 15-64 [BL] |
| tyr\_long\_BL | Total years of schooling, population ages 15-64 [BL] |
| yr\_sch\_1519\_BL | Years of Schooling Ages 15 to 19 [BL] |
| yr\_sch\_25999\_BL | Years of Schooling Ages 25 and up [BL] |
| yr\_sch\_F\_1519\_BL | Years of Schooling Females Ages 15 to 19 [BL] |
| yr\_sch\_F\_25999\_BL | Years of Schooling Females Ages 25 and up [BL] |
| yr\_sch\_sec\_1519\_BL | Years of Secondary Schooling Ages 15 to 19 [BL] |
| yr\_sch\_sec\_25999\_BL | Years of Secondary Schooling Ages 25 and up [BL] |
| yr\_sch\_sec\_F\_1519\_BL | Years of Secondary Schooling Females Ages 15 to 19 [BL] |
| yr\_sch\_sec\_F\_25999\_BL | Years of Secondary Schooling Females Ages 25 and up [BL] |
| math\_avg\_PIS | Average mathematics scores [PIS] |
| science\_avg\_PIS | Average science scores [PIS] |
| reading\_avg\_PIS | Average reading scores [PIS] |

## Geography

|  |  |
| --- | --- |
| **Variable** | **Label** |
| area\_WDI | Surface area (sq. km) [WDI] |
| area\_land\_WDI | Land area (sq. km) |
| numislands\_AP | Number of Islands (ppl> 100000) |
| archipelago\_AP | At least two islands |
| lat\_abst\_JCB | Absolute val. of the latitude of the country, values scaled 0-1. [JCB] |
| english\_off\_BEL\_CE | Whether the common official language with Belgium is English [CE] |
| english\_off\_CHN\_CE | Whether the common official language with China is English [CE] |
| english\_off\_GBR\_CE | Whether the common official language with the UK is English [CE] |
| english\_off\_RUS\_CE | Whether the common official language with Russia is English [CE] |
| english\_off\_USA\_CE | Whether the common official language with the US is English [CE] |
| dist\_BEL\_CE | Distance between country and Belgium (km between most populous cities) [CE] |
| dist\_CHN\_CE | Distance between country and China (km between most populous cities) [CE] |
| dist\_GBR\_CE | Distance between country and the UK (km between most populous cities) [CE] |
| dist\_RUS\_CE | Distance between country and Russia (km between most populous cities) [CE] |
| dist\_USA\_CE | Distance between country and the US (km between most populous cities) [CE] |

## System Level Variables

|  |  |
| --- | --- |
| **Variable** | **Label** |
| democracy\_share\_DE | System Level Democratic Share [DE] |
| democracy\_count\_DE | Count of Democracies in the System [DE] |
| lndemsys\_DE | Count of Democracies in the System (logged) [DE] |
| tgpm\_WE | Transparency in government policy making [WEF] |

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1. In cases where the methodology does not line up directly between the available data in PWT and WDI, we regress the PWT measure on the WDI measure (with the constant forced to zero), and then use the peredicted values from that regression to supplement that WDI measure. We thank Håvard Strand for suggesting this methodology. [↑](#footnote-ref-1)