Frederick S. Pardee Institute
for International Futures
UNIVERSITY OF DENVER

Country and Organization Leader Travel Codebook, Version 2.4

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Introduction

Identifying the foreign travel of heads of government and state (HOGS) is a key component of understanding the policy interests of countries, geopolitical relationships, and international power dynamics. The Country and Organization Leader Travel (COLT) database seeks to provide novel data measuring travel events for HOGS, as well as select intergovernmental organization leaders and key ministers of select states.

The COLT database collects information from a broad sample of source material, recording all HOGS international travel, while also providing information that can help users evaluate the nature and aims of these visits. The database consists of three unique leader-centric datasets: *travel, biographical,* and *education*. Although each of the three sets presents information on differing issue areas, there are several variables (leader name, title, etc.) that are used across sets and are labeled consistently.

HOGS travel includes any travel by the leader of a country outside of their internationally recognized borders. Travel by a select number of Foreign Ministers, Defense Ministers, and Finance Ministers, referred to as Sub-heads of government and state (Sub-HOGS), Crown Princes, and intergovernmental organization leaders is also captured. The nature of these visits is captured utilizing descriptive variables characterizing any meetings with the host country's HOGS, attendance at a multilateral summit, meetings with non-host country HOGS, public addresses given, agreements signed, cultural sites visited, participation in cultural ceremonies meetings with business leaders, meetings with Sub-HOGS, and meetings with intergovernmental organization leaders. Together, these variables describe the purpose and nature of the visit, along with any additional activities conducted by the leader while they were abroad.

The data gathered for these sets have been thoroughly reviewed. However, given the scope of this effort, vetting is an ongoing effort. Questions, concerns, and the reporting of errors can be directed to our team here: pardee.institute@du.edu

Frederick S. Pardee Institute for International Futures

The Frederick S. Pardee Institute for International Futures is the home of the International Futures (IFs) model and a hub for long-term forecasting and global trend analysis. Its home is the Josef Korbel School of International Studies at the University of Denver. Our mission is to build and use data and tools to analyze our complex world and the long-term dynamics of change in human, social, and natural systems. We share our resources with policymakers, academics, and others seeking to improve the ways we contemplate and plan for the global future. As part of this pursuit, we have built the IFs model, the most sophisticated and comprehensive forecasting modeling system available to the public.

The IFs model uses our best understanding of global systems to produce forecasts for nearly 500 variables across 12 human, social, and natural systems for 186 countries to the year 2100. Because IFs takes an integrated approach to forecasting, it is able to simulate how changes in one system leads to changes across all other systems. As a result, IFs endogenizes more relationships from a wider range of key global systems than any other model in the world.

Diplometrics

The Diplometrics research program at the Frederick S. Pardee Institute for International Futures seeks to better understand and measure relationships in the international system by integrating three key efforts: data gathering, tool building, and analysis. The program focuses on dyadic state interactions that measure the depth and breadth of political, diplomatic, economic, security, and cultural ties between countries. The primary goal of the Diplometrics program is to understand what the international system is and to explore how states and other actors operate within its boundaries.

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Our gratitude is also extended to the following research aides who contributed to data collection for this project: Abdul Younus, Abdullah Saquib, Adam Park, Adam Szymanski-Burgos, Adrian Zhunussov, Aili Makela, Alexandra McCollister, Alexandra Witonsky, Alisa Nelson, Amanda Jerger, Angelika Achoy, Ann Rogers, Amina Penn, Anna Zapata, Ariel Zarate, Asa Holley, Ashlyn Broomhead, Ashley Elsasser, Ashley Everling, Audrey Chang, Ayam Shrestha, Bailey Howe, Barbara Stone, Beauclarine Thomas, Brandon James, Brent Lockhard, Brian Strickland, Caitlin Navratil, Calvin Brophy, Cameron Beach, Caroline Plante, Cassis Tingley, Chandra Westerfield, Christopher Crosby, Claire Cooper, Conner Murphy, Connor Shane, Dan Colemean, Dan Tracy, Dania Arayssi, Daniel Cieraszynski, David Gates, David Woltjer, Dillon Lockwood, Eeman Fatima, Elena Farnsworth, Emily Greenfield, Emily Slusser, Emory Ferguson, Eric Shimono, Erik Shutvet, Erin Dickey, Ethan Drews, Grant Powell, Griffin Taitel, Harry Smythe, Holden Fitzgerald, Holly Ryan, Hunter Willis, Jackie Hahn, Jackson Spear, Jake Dubbert, Jeffrey Millman, Jennifer Zavala, Jeremy Brown, Jeremy Daly, Jessica Holsopple, Joel Maweni, Joseph Digby, Joseph Foltz, Kali Kyo, Kate Fischer, Kathryn Blowers, Katie Clements, Kayla Callicutt, Kevin O'Connell, Kip Hagberg, Kristen Kennedy, Kwame Wiredu, Kylee Dickinson, Kylie McKee, Laura Brant, Laura Roberts, Lauren Hershey, Lauren Stewart, Leslie Hisman, Liam Corsun, Lily Raskin, Logan Gafner, Luca Picca, Luis Gustavo Montes, Lydia Taylor, Mac Berklacich, Mackenzie Ehli, Mackenzie Roth, Maddie Harty, Mandeep Karki, Marco Savarin, Marianne Hughes, Marilyn Cosson, Mary-Courtney Murphy, Matthew Bebb, Matthew Jones, Matthew Weaver, Maxine Nussbaum, Mélanie Clergeau, Mandeep Karki, Michael Dendinger, Michael Oyakojo, Nadia Iranpour, Natalie Wolder, Nicholas Ridley, Nick Malinowski, Niels Kristenssen, Norair Hevorkian, Norbert Steinbock, Olivia Barrows, Olivia Schauls, Patrick Schmidt, Paula-Leone Samuda, Perla Acuna, Peter Cohen, Phoebe Cribb, Poncé Shepard, Raghav Gupta, Regan Parish, Rhemi Marlatt, Richard Roden, Rose Corbett, Rozalia Schleinig, Ryan Hill, Ryan Mahon, Sage Panter, Sarina Phu, Scott Lawless, Scott McCann, Sebastian Injac, Shoaib Mehryar, Skyler Wilkey, Sophia Gonzalez-Mayagoitia, Sophia McGrath, Stellah Kwasi, Suraj Renganathan, Suraj Thapa, Suzette Phillips, Teresa Mayorga Solis, Thomas Hadeed, Thomas Meredith, Tiffany Ross, Tony Bogolub, Tyler Murray, Tyson Guajardo, Vincent Marciano, Vincent Ziliak, Vivian Yang, Westley Tsou, Wil Watkins, Will Calhoun, William Lee, Winta Gonye, and Yunus Ozturk.

Methodology

The goal of the COLT project is to construct a database of foreign travel by Heads of Government and State (HOGS) for over 200 countries from 1990 through the present, with scheduled live updates (understood as no greater than 30 days since the last travel date). Our key variable of interest, leader travel, includes any time a serving head of government or state leaves the recognized borders of the country they represent. This includes travel for official interactions, personal vacations, medical care, and other ad-hoc trips abroad. We also track short on-the-ground layovers and stops leaders make in route to their final destination, provided an event takes place that goes beyond stopping for aircraft refueling, resupply, or brief maintenance.

Travel by Foreign and Defense Ministers (Sub-HOGS) is coded from 1990 to the present for the United States, Russia, and China. For Fiscal Year 2021, we explored expanding this to other countries while also including each country's Minister of Finance. Beginning in Fiscal Year 2022, travel by Sub-HOGS, including Finance Ministers, Foreign Ministers, and Defense Ministers, is coded from 01 January 2018 to present for all G20 countries. Crown Princes from the following countries are coded from 01 January 2018 to present: Bahrain, Brunei, Jordan, Kuwait, Morocco, Oman, Qatar, and the United Arab Emirates

We also capture foreign travel by several Intergovernmental Organization (IGO) Leaders, specifically: United Nations Secretary-General; World Bank President; European Union Commission President, International Monetary Fund Managing Director, North Atlantic Treaty Organization Secretary General, Chairperson of the African Union Commission, and Association of Southeast Asian Nations Secretary-General.

To code information for the variables described below, the team employs standardized, manual searching methods using the databases and search engines described below in Table 1. Countries include sovereign territories as defined by Gleditsch and Ward's (1999) list as well as a handful of disputed territories defined by Schultz (2017) and Florea (2020). Coded data are cleaned and vetted no less than weekly through a peer-review vetting process.

In addition to coding HOGS travel, the COLT database is supplemented by the Biographical and the Education Datasets for all priority and secondary HOGS since 1990 and G-20 Sub-HOGS since 2018. As of 2020, we include only priority HOGS. We have, however, chosen to retain information for previously coded secondary HOGS. These datasets are updated monthly to reflect any recent change in leadership or political transitions, as well as the exact dates (when known) one entered or exited office, type of transition, any military experience, political party, birth and death dates, and education levels of each leader coded in the travel data.

While the databases below are critical and need to be reviewed, contemporary and trade sources should be utilized first. The top media outlets regularly consulted include Reuters, The BBC, Al Jazeera, The New York Times, The Washington Post, The Associated Press, EFE, and AFP.

Lastly, to ensure that all leader travel is included in the dataset, official government, organization, and personal social media accounts (identified as official by the presence of a blue verified badge) are also searched. These social media sites include Twitter, Facebook, and Instagram.

Table 1. Most Commonly Used Databases

Name	Years of Coverage	Description	Purpose
Foreign Broadcast Information Service (FBIS) Daily Reports	1945-1996	An open source intelligence component of the Central Intelligence Agency's Directorate of Science and Technology. It monitored, translated, and disseminated within the United States government openly available news and information from media sources outside the United States.	Travel Identification
Getty Images	1990-Present	An American stock photo agency, based in Seattle, Washington.	Travel Identification
Nexis UNI	1800-Present	Part of the LexisNexis corporation. A digital content database aggregating news, legal, and business research globally.	Travel Identification
ProQuest Historical Newspapers	1945-Present	An Ann Arbor, Michigan-based global information-content and technology company. Historical Newspaper database provides digitized news from mainstream media sources.	Travel Identification
Twitter	2006-Present	An international microblogging and social networking platform based in San Francisco, California.	Travel Identification
World News Connection	1996-2013	A compilation of current international news translated into the English language. The United States Department of Commerce National Technical Information Service compiled and distributed it from non-United States media sources.	Travel Identification
Archigos	1875-2015	Archigos Data Set on Leaders 1875-2015 *"is a data base of political leaders. For each state considered an independent state in the Gleditsch and Ward (1999) compilation of independent states, we identify the effective primary ruler. The data identify the manner by which rulers enter and leave political power, the post-tenure fate of the ruler, as well as other personal characteristics."* Goemans, Henk E., Kristian S. Gleditsch and Michael D. Ward. 2009. "Introducing Archigos: A Dataset of Political Leaders." *Journal of Peace Research* 46, no. 2: 269–283. For independent state identification, see: Gleditsch, Kristian S. & Michael D. Ward. 1999. "Interstate System Membership: A Revised List of the Independent States since 1816." *International Interactions* 25: 393-413.	Leader Identification
Rulers	1700-Present	A website that contains "*lists of heads of state and heads of government (and, in certain cases, de facto leaders not occupying either of those formal positions) of all countries and territories, going back to about 1700 in most cases."*	Leader Identification
Zarate	1945-Present	The Zarate Political Connections Project *"is devoted to collecting dates and figures of worldwide leadership on a country by country basis. Its time frame starts approximately from 1945, with the end of WWII."*	Leader Identification

Leader Travel Variables

Variable Name: TripID
Variable Category: Leader Travel
Variable Type: Nominal
Definition: Code created using LeaderID-LeaderCountryISO-CountryVisitedISO-TripStartDate-TripEndDate variables, used for unique trip identification.

Variable Name: LeaderID
Variable Category: Biographical
Variable Type: Numeric – Discrete
Definition: Arbitrary number designating order of leader in dataset, used for unique leader identification across datasets (Leader Travel, Biographical, Education)

Variable Name: LeaderCountryOrIGO
Variable Category: Leader Travel
Variable Type: Nominal
Definition: Country name of leader being coded.

Variable Name: LeaderCountryISO
Variable Category: Leader Travel
Variable Type: Nominal
Definition: International Organization for Standardization (ISO) three-letter country code of leader being coded (related to LeaderCountryOrIGO). For countries or disputed territories without a formal ISO code, such as Kosovo, self-assigned codes are used in the format of XXX (e.g. XKX for Kosovo; XCR for Crimea).

Variable Name: LeaderRegion
Variable Category: Leader Travel
Variable Type: Nominal
Definition: Region of the country of the leader being coded (related to LeaderCountryOrIGO). United Nations Statistics Division M49 regional groupings are used.

Variable Name: LeaderSubRegion
Variable Category: Leader Travel
Variable Type: Nominal
Definition: Subregion of the country of the leader being coded (related to LeaderCountryOrIGO). United Nations Statistics Division M49 sub-regional groupings are used.

Variable Name: PriorityLeader
Variable Category: Leader Travel
Variable Type: Dichotomous
Definition: Whether leader being coded is respective country's Priority HOGS, coded as Yes or No.

Variable Name: LeaderRole
Variable Category: Leader Travel
Variable Type: Categorical
Definition: The official government role held by the leader being coded. S = Head of State; G = Head of Government; GS = Head of Government and State; De Facto = De Facto leader not recognized as formal

HOGS; F = Foreign Minister; D = Defense Minister; E = Minister of Finance (E denotes "economic" minister); I = IGO leader; CP = Crown Prince.

Variable Name: LeaderTitle
Variable Category: Leader Travel
Variable Type: Nominal
Definition: Official title (President, Prime Minister, Sultan, etc.) of leader being coded.

Variable Name: LeaderSurname
Variable Category: Leader Travel
Variable Type: Nominal
Definition: Family name of leader being coded.

Variable Name: LeaderFullName
Variable Category: Leader Travel
Variable Type: Nominal
Definition: Full name of leader being coded.

Variable Name: Exiled
Variable Category: Leader Travel
Variable Type: Categorical
Definition: Whether leader is considered to be in exile. Exile is defined as 180 days out of originating country or declaration of "exiled" status by contemporary media source prior to 180 days. Coded as 0, 1, or 2. 0: Typical, non-exiled leader; 1: Leader in exile who is backed by forces that hold territorial control within the country that the leader purports to lead (e.g., Yemen's Haidi living in exile in Saudi Arabia); 2: Leader in exile who is not backed by forces that hold territorial control within the country they purport to lead or recently led (e.g., Afghanistan's Ghani). Only code these leaders' overseas travel for 60 days after their initial departure into exile. If coded 1 or 2, the Notes variable provides further details "Exiled leader of Country A, currently residing in Country B." Exiled trip is removed from dataset upon identification and placed into exiled leader document.

Variable Name: CountryVisited
Variable Category: Leader Travel
Variable Type: Nominal.
Definition: Country or disputed territory where a visit took place. Semi-autonomous territories are coded as the parent country with the territory name added into the Notes section.

Variable Name: CountryVisitedISO
Variable Category: Leader Travel
Variable Type: Nominal
Definition: International Organization for Standardization (ISO) three-letter country code of country being visited (related to CountryVisited). For countries or disputed territories without a formal ISO code, such as Kosovo, self-assigned codes are used in the format of XXX (e.g. XKX for Kosovo; XCR for Crimea).

Variable Name: RegionVisited
Variable Category: Leader Travel
Variable Type: Nominal
Definition: Region where a visit took place (related to CountryVisited). United Nations Statistics Division M49 regional groupings are used.

Variable Name: SubregionVisited
Variable Category: Leader Travel
Variable Type: Nominal
Definition: Subregion where a visit took place (related to CountryVisited). United Nations Statistics Division M49 sub-regional groupings are used.

Variable Name: DisputedTerritory
Variable Category: Leader Travel
Variable Type: Dichotomous
Definition: Whether territory being visited is considered de facto sovereign, claimed, or otherwise disputed as understood in Schultz's (2017) list by two or more sovereign countries (or one sovereign country and on de facto sovereign entity), coded as Yes or No. If Yes, the Notes variable provides further details of which countries are disputing the territory. If Yes, the disputed territory is entered into "CountryVisited" column and related information is coded for "CountryVisitedISO," "RegionVisited," and "SubRegionVisited" variables.

Variable Name: SemiAutoTerritory
Variable Category: Leader Travel
Variable Type: Dichotomous
Definition: Whether territory being visited is semi-autonomous, coded as Yes or No. If Yes, the Notes variable provides further details including country name. "CountryVisited" is coded as parent country.

Variable Name: TripYear
Variable Category: Leader Travel
Variable Type: Numeric – Discrete
Definition: Year of visit following the Gregorian calendar.

Variable Name: TripStartDate
Variable Category: Leader Travel
Variable Type: Numeric – Discrete
Definition: Start date (day arrived in country, not counting travel days or days at sea) according to the Gregorian calendar.

Variable Name: TripEndDate
Variable Category: Leader Travel
Variable Type: Numeric – Discrete
Definition: End date (day departed from country, not counting travel days or days at sea) according to the Gregorian calendar. If trip is ongoing at time of coding, marked as "TBD".

Variable Name: TripDuration
Variable Category: Leader Travel
Variable Type: Numeric – Discrete
Definition: Duration of stay in the country that was visited, counted in days. Includes the first day of arrival and must be a whole number of 1 or larger. If trip is ongoing at time of coding, marked as "TBD".

Variable Name: SubHOGSTravelWithHOGS
Variable Category: Leader Travel
Variable Type: Dichotomous

Definition: If Sub-HOGS being coded is accompanying their HOGS on a trip, coded as Yes or No. Coded No if traveling leader is not a Sub-HOGS.

Variable Name: CoTravelHOGS
Variable Category: Leader Travel
Variable Type: Nominal
Definition: Full name of HOGS that is traveling alongside Sub-HOGS.

Variable Name: MetHostHOGS
Variable Category: Leader Travel
Variable Type: Dichotomous
Definition: Whether leader being coded held a bilateral meeting with HOGS (either head of government or head of state) of the country in which they are currently in, coded as Yes or No.

Variable Name: HostHOGSName
Variable Categorial: Leader Travel
Variable Type: Nominal
Definition: Full name of HOGS that is hosting the traveling leader.

Variable Name: SubHOGSmetHostSubHOGS
Variable Category: Leader Travel
Variable Type: Dichotomous
Definition: Whether Sub-HOGS being coded held a bilateral meeting with Sub-HOGS of the country in which they are currently in, coded as Yes or No. Coded No if traveling leader is not a Sub-HOGS.

Variable Name: HostSubHOGSName
Variable Category: Leader Travel
Variable Type: Nominal
Definition: Full name of Sub-HOGS that is hosting the traveling Sub-HOGS. Left blank if traveling leader is not a Sub-HOGS.

Variable Name: AttendedMultilatEvent
Variable Category: Leader Travel
Variable Type: Dichotomous
Definition: Whether leader attended a multilateral event, defined as a meeting with 3 or more HOGS present and coded as Yes or No. Includes if a Sub-HOGS attended with Sub-HOGS and HOGs.

Variable Name: MultilatEventName
Variable Category: Leader Travel
Variable Type: Nominal
Definition: Standardized name of multilateral event attended. For multi-country events without a formal name, the naming convention of Country A-Country B-Country C should be used in country alphabetical order.

Variable Name: AttendMultilatMinisterialEvent
Variable Category: Leader Travel
Variable Type: Dichotomous
Definition: Whether Sub-HOGS attended a multilateral ministerial event, defined as a meeting with 3

or more Sub-HOGS present and coded as Yes or No. Coded No if leader is not a Sub-HOGS. Can include HOGS.

Variable Name: MultilatMinisterialEventName
Variable Category: Leader Travel
Variable Type: Nominal
Definition: Standardized name of multilateral ministerial event attended. For multi-country events without a formal name, the naming convention of Country A-Country B-Country C should be used in country alphabetical order.

Variable Name: MetNonHostHOGS
Variable Category: Leader Travel
Variable Type: Dichotomous
Definition: Whether leader being coded attended a meeting with HOGS from a country outside the country being visited, coded as Yes or No.

Variable Name: NonHostHOGSName
Variable Category: Leader Travel
Variable Type: Nominal
Definition: Full name of Non-Host HOGS that meets with leader being coded.

Variable Name: PublicAddress
Variable Category: Leader Travel
Variable Type: Dichotomous
Definition: Whether leader gave a public address, coded as Yes or No. If Yes, the Notes variable provides further details. Includes phone calls, radio broadcasts, roundtables, panels, and interviews with non-press audiences.

Variable Name: SignedAgreement
Variable Category: Leader Travel
Variable Type: Dichotomous
Definition: Whether leader signed or observed the signing of an agreement, coded as Yes or No. If Yes, the Notes variable provides further details.

Variable Name: CulturalSiteOrCeremony
Variable Category: Leader Travel
Variable Type: Dichotomous
Definition: Whether leader visited cultural, religious, or historical sites as a part of their foreign travel or participated in a cultural ceremony, coded as Yes or No. If Yes, the Notes variable provides further details. Included military ceremonies, inaugurations, embassy unveilings, etc.

Variable Name: BusinessLeaderOrForum
Variable Category: Leader Travel
Variable Type: Dichotomous
Definition: Whether leader participated in meetings, forums, or seminars with private sector leaders, coded as Yes or No. If Yes, the Notes variable provides further details.

Variable Name: MetIGOLeader
Variable Category: Leader Travel

Variable Type: Dichotomous
Definition: Whether leader being coded held a bilateral meeting with an intergovernmental organization leader, coded as Yes or No.

Variable Name: IGOLeaderName
Variable Category: Leader Travel
Variable Type: Nominal
Definition: Full name and proper title of intergovernmental organization leader that meets with leader being coded.

Variable Name: Notes
Variable Category: Leader Travel
Variable Type: Nominal
Definition: Details of specific and relevant notes for each visit, as necessary.

Variable Name: Confidence Ranking
Label: 1-5
Variable Category: Leader Travel
Variable Type: Numeric – Ordinal
Definition: Variation in the level of confidence across coded data on a scale of 1 to 5, 1 expressing highest confidence and 5 expressing lowest confidence. 1: No ambiguity at all. Who, when, where, and what are all clearly stated. Used for most travel in the data; 2: Some aspects of the line of code are not explicit, but the desired meaning is clear. Particularly used when there is uncertainty around one of the dates of the trip; 3: There is some uncertainty about details of the trip. For example, if a HOGS took part in a multilateral event, but there is no information on their activities while at the summit, we only code their presence while possibly omitting trip activities (e.g., public address); 4: There is only basic information on the month, location, and year of the trip; 5: Used primarily for visits where the destination is unclear. If the only source for the trip is from the official social media account of a government, organization, or person that is verified with a blue checkmark, the visit is coded with a CR value of 2. If the only source for the trip is from Getty or an unverified and unofficial social media account, the visit is coded with a CR value of 4 or 5, depending on the details provided.

Variable Name: SourceLink1
Variable Category: Leader Travel
Variable Type: Nominal
Definition: Uniform Resource Locator (URL) or the news source used for event information.

Variable Name: SourceLink2
Variable Category: Leader Travel
Variable Type: Nominal
Definition: URL of an additional news source used for event information.

Variable Name: SourceLink3
Variable Category: Leader Travel
Variable Type: Nominal
Definition: URL of an additional news source used for event information. URL adds additional information not contained in other previously coded sources.

Variable Name: SourceLink4
Variable Category: Leader Travel
Variable Type: Nominal
Definition: URL of an additional news source used for event information. URL adds additional information not contained in other previously coded sources.

Variable Name: SourceLink5
Variable Category: Leader Travel
Variable Type: Nominal
Definition: URL of an additional news source used for event information URL adds additional information not contained in other previously coded sources.

Biographical Variables

Variable Name: LeaderID
Variable Category: Biographical
Variable Type: Numeric – Discrete
Definition: Arbitrary number designating order of leader in dataset, used for unique identification across datasets (Leader Travel, Biographical, Education)

Variable Name: LeaderCountryOrIGO
Variable Category: Biographical
Variable Type: Nominal
Definition: Country name of leader being coded.

Variable Name: LeaderCountryISO
Variable Category: Biographical
Variable Type: Nominal
Definition: International Organization for Standardization (ISO) three-letter country code of leader being coded. For countries without a formal ISO code, such as Kosovo, self-assigned codes are used in the format of XXX.

Variable Name: LeaderCountryRegion
Variable Category: Biographical
Variable Type: Nominal
Definition: Region of the country/leader being coded. United Nations Statistics Division M49 regional groupings are used.

Variable Name: LeaderCountrySubRegion
Variable Category: Biographical
Variable Type: Nominal
Definition: Subregion of the country/leader being coded. United Nations Statistics Division M49 regional groupings are used.

Variable Name: LeaderTitle
Variable Category: Biographical
Variable Type: Nominal.
Definition: Official title (President, Prime Minister, Sultan, etc.) of leader being coded.

Variable Name: LeaderLastName
Variable Category: Biographical
Variable Type: Nominal
Definition: Family name of leader being coded.

Variable Name: LeaderFullName
Variable Category: Biographical
Variable Type: Nominal
Definition: Full name of leader being coded.

Variable Name: RegularEntry
Variable Category: Biographical
Variable Type: Dichotomous
Definition: How leader took office; 0 if entered office through coup, foreign intervention, civil war, revolt, or an independence movement; 1 if entered office through formalized democratic or autocratic processes, including interim succession appointments.

Variable Name: RegularExit
Variable Category: Biographical
Variable Type: Dichotomous
Definition: How leader exited office; 0 if exited office through coup, foreign intervention, civil war, revolt, an independence movement, or assassination; 1 if exited office through formalized democratic or autocratic processes, including interim succession appointments.

Variable Name: EntryType
Variable Category: Biographical
Variable Type: Categorical
Definition: Standardized mode of leader's entry to office; includes: coup, foreign intervention, civil war, revolt, authoritarian regular, democratic regular, interim, and independence.

Variable Name: ExitType
Variable Category: Biographical
Variable Type: Categorical
Definition: Standardized mode of leader's exit from office; includes: coup, foreign intervention, civil war, revolt, authoritarian regime, democratic regular, independence, assassination, natural death, and interim.

Variable Name: MilitaryService
Variable Category: Biographical
Variable Type: Dichotomous
Definition: Whether leader served in national military including navy, army, air force, coast guard, marine corps, etc.; 0 if leader did not/does not serve; 1 if leader did/does serve.

Variable Name: ForeignPolicyLead
Variable Category: Biographical
Variable Type: Dichotomous
Source Definition: Whether leader being coded is Priority HOGS or Secondary HOGS**;** 0 if leader is not Priority HOGS and therefore does not represent foreign policy interests of their country abroad; 1 if leader is Priority HOGS and therefore does represent foreign policy interests of their country abroad.

Variable Name: ServicePeriod
Variable Category: Biographical
Variable Type: Numeric – Discrete
Definition: Number of administrations or terms in office that leader has now held in their current role, including the term they currently are leader during but excluding terms in which they held another office that is not their current office.

Variable Name: Sex
Variable Category: Biographical
Variable Type: Categorical
Definition: Self-affirmed sex identification of leader, coded as M (male), F (female), or O (other).

Variable Name: LeaderRole
Variable Category: Biographical
Variable Type: Categorical
Definition: The official government role held by the leader being coded. S = Head of State; G = Head of Government; GS = Head of Government and State; De Facto = De Facto leader not recognized as formal HOGS; F = Foreign Minister; D = Defense Minister; E = Minister of Finance; I = IGO leader; CP = Crown Prince.

Variable Name: DateEnteredOffice
Variable Category: Biographical
Variable Type: Numeric – Discrete
Definition: Start Date (day which leader took office) according to the Gregorian calendar.

Variable Name: DateExitedOffice
Variable Category: Biographical
Variable Type: Numeric – Discrete
Definition: End Date (day which leader left office) according to the Gregorian calendar.

Variable Name: PoliticalParty
Variable Category: Biographical
Variable Type: Nominal
Definition: Political party leader affiliates with/represents or last affiliated with/represented during period coded.

Variable Name: IGOLeaderNationality
Variable Category: Biographical
Variable Type: Nominal
Definition: Country name of the IGO leader being coded.

Variable Name: DateOfBirth
Variable Category: Biographical
Variable Type: Numeric – Discrete
Definition: Day leader was born or as much information about date as is available (ex: year) following the Gregorian calendar. If unknown, marked as unknown.

Variable Name: DateOfDeath
Variable Category: Biographical
Variable Type: Numeric – Discrete
Definition: Day leader died or as much information about date as is available (ex: year) following the Gregorian calendar. If leader is still alive, left blank.

Variable Name: LeaderDeathISO
Variable Category: Biographical
Variable Type: Nominal

Definition: International Organization for Standardization (ISO) three-letter country code of where the leader being coded died. For countries without a formal ISO code, such as Kosovo, self-assigned codes are used in the format of XXX.

Variable Name: CauseOfDeathCategory
Variable Category: Biographical
Variable Type: Categorical
Definition: The cause of death for the leader being coded. N = Natural; U = Unnatural; X = Unknown – where no information is available

Variable Name: GeneralCauseOfDeath
Variable Category: Biographical
Variable Type: Categorical
Definition: The general cause of death category for the leader being coded. Natural: F = Infection; C = Cancer; V = Cardiovascular; N = Neurologic; P = Pulmonary; O = Other; X = Unknown. Unnatural: I = Intentional; UI = Unintentional. Unknown: X = Unknown

Variable Name: SpecificCauseOfDeath
Variable Category: Biographical
Variable Type: Categorical
Definition: The specific cause of death for the leader being coded. Broken into sub-categories from Infection, Cancer, Cardiovascular, Neurologic, Pulmonary, Intentional, Unintentional.

Education Variables

Variable Name: LeaderID
Variable Category: Education
Variable Type: Numeric – Discrete
Definition: Arbitrary and unique number designating order of leader in dataset used for unique identification across datasets (Leader Travel, Biographical, Education)

Variable Name: LeaderCountryOrIGO
Variable Category: Education
Variable Type: Nominal
Definition: Country or disputed territory name of leader being coded.

Variable Name: LeaderFullName
Variable Category: Education
Variable Type: Nominal
Source Definition: Full name of leader being coded.

Variable Name: WesternEducation
Variable Category: Education
Variable Type: Dichotomous
Source Definition: Whether leader earned any degrees from a Western Institution as defined in Gift & Krcmaric (2015), coded as Yes or No.

Variable Name: HighestDegreeType
Variable Category: Education
Variable Type: Categorical
Source Definition: Highest level of education that leader has attained beyond high school/secondary school; UNKNOWN = no known education beyond high school/secondary school; NONE = no education beyond high school/secondary school; OTHER = commercial apprenticeship, certificate, license, etc.; ASSOC = Associates; BACH = Bachelors; MAST = Masters; MBA = Masters of Business Administration; JD = Juris Doctor/Law Degree; MD = Doctor of Medicine; PHD = Doctorate. .

Variable Name: HighestDegree_InstitutionCountry
Variable Category: Education
Variable Type: Nominal
Definition: Country name of the institution from where degree being coded was attained. Countries include sovereign territories as defined by the Frederick S. Pardee Institute's Members of the Interstate System list as well as a handful of disputed territories defined by Florea (2020).

Variable Name: HighestDegree_InstitutionISO
Variable Category: Education
Variable Type: Nominal
Definition: International Organization for Standardization (ISO) three-letter country code of the country where the highest awarded degree was attained. For countries without a formal ISO code, such as Kosovo, self-assigned codes are used (denoted by beginning with "X").

Variable Name: HighestDegree_InstitutionName
Variable Category: Education
Variable Type: Nominal
Definition: Name of the highest degree awarding college or university. Name does not include any symbols incorporated and is presented as English translation of full official name as deemed on the degree conferred or official website where necessary.

Variable Name: OtherDegreeType1
Variable Category: Education
Variable Type: Categorical
Source Definition: Second highest level of education that leader has attained beyond high school/secondary school; UNKNOWN = no known education beyond high school/secondary school; NONE = no education beyond high school/secondary school; OTHER = commercial apprenticeship, certificate, license, etc.; ASSOC = Associates; BACH = Bachelors; MAST = Masters; MBA = Masters of Business Administration; JD = Juris Doctor/Law Degree; MD = Doctor of Medicine; PHD = Doctorate.

Variable Name: OtherDegree1_InstitutionCountry
Variable Category: Education
Variable Type: Nominal
Definition: Country name of the institution from where second highest education degree being coded was attained. Countries include sovereign territories as defined by the Frederick S. Pardee Institute's Members of the Interstate System list as well as a handful of disputed territories defined by Florea (2020).

Variable Name: OtherDegree1_InstitutionISO
Variable Category: Education
Variable Type: Nominal
Definition: International Organization for Standardization (ISO) three-letter country code of the country where the second highest education degree was attained. For countries without a formal ISO code, such as Kosovo, self-assigned codes are used (denoted by beginning with "X").

Variable Name: OtherDegree1_InstitutionName
Variable Category: Education
Variable Type: Nominal
Definition: Name of the second highest degree awarding college or university. Name does not include any symbols incorporated and is presented as English translation of full official name as deemed on the degree conferred or official website where necessary.

Variable Name: OtherDegreeType2
Variable Category: Education
Variable Type: Categorical
Source Definition: Third highest level of education that leader has attained beyond high school/secondary school; UNKNOWN = no known education beyond high school/secondary school; NONE = no education beyond high school/secondary school; OTHER = commercial apprenticeship, certificate, license, etc.; ASSOC = Associates; BACH = Bachelors; MAST = Masters; MBA = Masters of Business Administration; JD = Juris Doctor/Law Degree; MD = Doctor of Medicine; PHD = Doctorate.

Variable Name: OtherDegree2_InstitutionCountry
Variable Category: Education
Variable Type: Nominal
Definition: Country name of the institution from where third highest education degree being coded was attained. Countries include sovereign territories as defined by the Frederick S. Pardee Institute's Members of the Interstate System list as well as a handful of disputed territories defined by Florea (2020).

Variable Name: OtherDegree2_InstitutionISO
Variable Category: Education
Variable Type: Nominal
Definition: International Organization for Standardization (ISO) three-letter country code of the country where the third highest education degree was attained. For countries without a formal ISO code, such as Kosovo, self-assigned codes are used (denoted by beginning with "X").

Variable Name: OtherDegree2_InstitutionName
Variable Category: Education
Variable Type: Nominal
Definition: Name of the third highest degree awarding college or university. Name does not include any symbols incorporated and is presented as English translation of full official name as deemed on the degree conferred or official website where necessary.

Variable Name: OtherDegreeType3
Variable Category: Education
Variable Type: Categorical
Source Definition: Fourth highest level of education that leader has attained beyond high school/secondary school; UNKNOWN = no known education beyond high school/secondary school; NONE = no education beyond high school/secondary school; OTHER = commercial apprenticeship, certificate, license, etc.; ASSOC = Associates; BACH = Bachelors; MAST = Masters; MBA = Masters of Business Administration; JD = Juris Doctor/Law Degree; MD = Doctor of Medicine; PHD = Doctorate.

Variable Name: OtherDegree3_InstitutionCountry
Variable Category: Education
Variable Type: Nominal
Definition: Country name of the institution from where fourth highest education degree being coded was attained. Countries include sovereign territories as defined by the Frederick S. Pardee Institute's Members of the Interstate System list as well as a handful of disputed territories defined by Florea (2020).

Variable Name: OtherDegree3_InstitutionISO
Variable Category: Education
Variable Type: Nominal
Definition: International Organization for Standardization (ISO) three-letter country code of the country where the fourth highest education degree was attained. For countries without a formal ISO code, such as Kosovo, self-assigned codes are used (denoted by beginning with "X").

Variable Name: OtherDegree3_InstitutionName
Variable Category: Education
Variable Type: Nominal

Definition: Name of the fourth highest degree awarding college or university. Name does not include any symbols incorporated and is presented as English translation of full official name as deemed on the degree conferred or official website where necessary.

Variable Name: OtherDegreeType4
Variable Category: Education
Variable Type: Categorical
Source Definition: Fifth highest level of education that leader has attained beyond high school/secondary school; UNKNOWN = no known education beyond high school/secondary school; NONE = no education beyond high school/secondary school; OTHER = commercial apprenticeship, certificate, license, etc.; ASSOC = Associates; BACH = Bachelors; MAST = Masters; MBA = Masters of Business Administration; JD = Juris Doctor/Law Degree; MD = Doctor of Medicine; PHD = Doctorate.

Variable Name: OtherDegree4_InstitutionCountry
Variable Category: Education
Variable Type: Nominal
Definition: Country name of the institution from where fifth highest education degree being coded was attained. Countries include sovereign territories as defined by the Frederick S. Pardee Institute's Members of the Interstate System list as well as a handful of disputed territories defined by Florea (2020).

Variable Name: OtherDegree4_InstitutionISO
Variable Category: Education
Variable Type: Nominal
Definition: International Organization for Standardization (ISO) three-letter country code of the country where the fifth highest education degree was attained. For countries without a formal ISO code, such as Kosovo, self-assigned codes are used (denoted by beginning with "X").

Variable Name: OtherDegree4_InstitutionName
Variable Category: Education
Variable Type: Nominal
Definition: Name of the fifth highest degree awarding college or university. Name does not include any symbols incorporated and is presented as English translation of full official name as deemed on the degree conferred or official website where necessary.

Variable Name: OtherDegreeType5
Variable Category: Education
Variable Type: Categorical
Source Definition: Sixth highest level of education that leader has attained beyond high school/secondary school; UNKNOWN = no known education beyond high school/secondary school; NONE = no education beyond high school/secondary school; OTHER = commercial apprenticeship, certificate, license, etc.; ASSOC = Associates; BACH = Bachelors; MAST = Masters; MBA = Masters of Business Administration; JD = Juris Doctor/Law Degree; MD = Doctor of Medicine; PHD = Doctorate.

Variable Name: OtherDegree5_InstitutionCountry
Variable Category: Education
Variable Type: Nominal
Definition: Country name of the institution from where sixth highest education degree being coded was

attained. Countries include sovereign territories as defined by the Frederick S. Pardee Institute's Members of the Interstate System list as well as a handful of disputed territories defined by Florea (2020).

Variable Name: OtherDegree5_InstitutionISO
Variable Category: Education
Variable Type: Nominal
Definition: International Organization for Standardization (ISO) three-letter country code of the country where the sixth highest education degree was attained. For countries without a formal ISO code, such as Kosovo, self-assigned codes are used (denoted by beginning with "X").

Variable Name: OtherDegree5_InstitutionName
Variable Category: Education
Variable Type: Nominal
Definition: Name of the sixth highest degree awarding college or university. Name does not include any symbols incorporated and is presented as English translation of full official name as deemed on the degree conferred or official website where necessary.

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