

# Codebook

Uppsala Conflict Data Program (UCDP)  
Violence & Impacts Early-Warning System (VIEWWS)



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Based on Demscore  
Version 4.0

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# 1 Explanatory Notes

## 1.1 Release Notes v4

Demscore provides worldwide free access to harmonized data on Democracy, Environment, Migration, Social Policy, Conflict and Representation from several of the world's most prominent social science research institutes. The interdisciplinary nature of Demscore data facilitates large-scale comparative analyses. This is essential to advance adequate policy responses to complex societal challenges associated with the Sustainable Development Goals (SDGs) and beyond, facing Sweden, Europe, and the world today.

With a firm commitment to transparency and openness, Demscore v4 enables users to gain comprehensive insights into various topics across the social sciences. The joint infrastructure ensures data integrity and quality at the highest international standards and maximizes usability in the measurement of contextual data with 25.000 variables across nearly all countries in the world, from 1750 to the present.

This creates critical time- and cost saving advantages in data collection, management, distribution, and not the least for end-users in the scientific community. Demscore's unique approach to translating and merging data scales up to a total of 403.856 variable versions available in the infrastructure, storing more than 10 billion non-missing observations.

This collaborative effort between leading Swedish universities pushes the scale of social science data to a new level and offers unprecedented possibilities for interdisciplinary research and knowledge advancement.

These are the key features of Demscore:

1. **Customized Download:** A fully normalized, joint PostgreSQL database, sophisticated programming, and a user-friendly web-based interface for users to generate custom-designed datasets and codebooks for download.
2. **Translations and Data Merges:** Demscore currently offers more than 1000 merge options between datasets.
3. **Metadata:** Demscore takes information on and organization of metadata to new heights with the inclusion of customized codebooks, a detailed methodology document, and a comprehensive handbook.
4. **Handling of Missing Data:** Demscore pioneers in developing an innovative approach to tackle missing data. Researchers can now account for missing values with increased precision, leading to more robust and reliable analyses.
5. **Merge Scores:** Demscore introduces a unique merge mechanism. This powerful tool enables researchers to combine datasets effortlessly, uncovering connections and patterns that were previously hidden in isolated data silos.
6. **Thematic Datasets:** Demscore provides researchers with curated thematic datasets, each focused on a specific topic. These datasets bring together relevant variables from across the Demscore partners, facilitating in-depth investigations and comprehensive analyses of specific domains.
7. **Interactive Web Portal:** In addition to all the above, Demscore's web portal offers interactive visualization tools, user support and additional information on all partners and data sources.

For more information, please visit <https://www.demscore.se/> or contact [contact@demscore.se](mailto:contact@demscore.se).

## 1.2 New in Demscore version 4

A detailed description of changes and additions made for version 4 compared to version 3 can be found in the Methodology Document.

## 1.3 The Demscore Codebook

The autogenerated Demscore Codebook lists variable entries for those variables chosen by the user along with citation guidelines and licenses per variable.

The meta data is extracted from the codebooks per dataset stored in a table in the Demscore PostgreSQL database with one row per variable for all datasets. This table includes codebook entries, variable tags, labels, and other variable information in LaTeX format used to generate an automated codebook.

Demscore maintains a single set of standard entries for metadata across all datasets, to which all project members contribute their information. Additionally, variables within different datasets may have varying sets of additional information requirements specific to each dataset. These dataset-specific entries are also included, but they are presented as variable-specific metadata beneath the standard entries.

At the outset of the harmonization process, Demscore underwent a thorough variable name cleanup. This involved tasks such as replacing spaces or dots in variable names with underscores and converting all letters to lowercase. Notably, the original tags remain preserved and stored in the PostgreSQL table. Each variable in Demscore is accessible in both short and long forms. The short form comprises the cleaned version of the original variable tag, while the long form starts with the dataset name from which it originates, followed by the cleaned variable name.

For instance, the original name of the variable *MinisterPersonalID* from the H-DATA Foreign Minister Dataset is included as *ministerpersonalid* (short form) and *hdata\_fomin\_ministerpersonalid* (long form) in Demscore.

In addition, each dataset includes Demscore unit-identifier variables which are named according to the following naming scheme: Beginning with *u\_*, followed by the name of the primary unit and finally the variable tag. The *year-* variable from the COMPLAB SPIN The Out-of-Work Benefits Dataset (OUTWB), which is part of the primary unit *u\_complab\_country\_year* has the Demscore unit identifier name *u\_complab\_country\_year\_year*.

## 1.4 Methodology

For details on our methodology please see the Demscore Methodology document available for download on the Demscore website.

## 1.5 Citations

The Demscore project does not have a formal citation of its own. Hence, when using Demscore, we suggest that you cite the respective projects and datasets. We indicate how every dataset is to be cited in the autogenerated codebook you retrieve with your data download, both in the dataset description and the codebook entry for each variable. Most often it is sufficient to cite the dataset a variable originates from, but sometimes there is a variable specific citation listed in the codebook entry in addition to that. For these cases, please also add the variable specific citation to the reference list of your publication. Full references are linked in the codebook entries of the variables and listed in the codebook's bibliography. We suggest you to also cite the Demscore Methodology Document when using data retrieved through Demscore.

## 1.6 Missing Data

Demscore indicates different types of missingness for observations in the customized datasets:  
**Missing in original data** = Whenever an observation in the original variable is a missing (NA, missing code such as 7777, blank cell), we preserve this missing value. When the original source has special codes for various types of missing, those are preserved.

**Missing code: -11111** = Demscore code for observation is missing due to the translation/merge, i.e., missing data due to no data being included for this combination of identifiers in the end Output Unit.

**Missing code: -22222** = No observation is merged/translated, but the original data contains information for these identifier combinations elsewhere. For these cases, we use a different code. The

user needs to consult the reference documents (Methodology Document Section 5.1. or the Demscore Handbook) to clarify why the translation to the identifier combinations in the end Output Unit was not possible.

Please note that an observation that is missing in its original output unit does not take the value -11111, but appears as NA/blank cell in the customized dataset.

## 1.7 Download ID

The download ID can be shared with other users for replication purposes. A user can type the download ID into the Demscore website and retrieve the same download selection and files as the original user. This ID is autogenerated for each download from the Demscore website and will always retrieve the same data, even if the Demscore version was updated in the meantime.

Download ID:

## 1.8 Unit Identifier Variables

An Output Unit is defined as an output format in which variables can be retrieved from one or more datasets through a strictly defined output grid. A unit table defining this output grid contains unit identifier columns with `u_` prefixes and the table is sorted based on these unit identifier columns and has a fixed number of rows. Unit columns are based on the columns that constitute the unit of analysis in a dataset. They are added to the original dataset and marked by a unit prefix (consisting of a `u_` and the dataset unit name) before the original variable name. Unit columns can contain slightly modified data, e.g., missing values are replaced by a default value. Sometimes we add additional columns to the unit table, for instance if a dataset includes both a `country_id` column with a numeric country code, we add the variable storing the full country name to the unit table as well for better readability.

## 2 UCDP and VIEWS

**The Uppsala Conflict Data Program (UCDP)** is the world’s main provider of data on organized violence and the oldest ongoing data collection project for civil war, with a history of almost 40 years. Its definition of armed conflict has become the global standard of how conflicts are systematically defined and studied. UCDP produces high-quality data, which are systematically collected, have global coverage, are comparable across cases and countries, and have long time series which are updated annually. Furthermore, the program is a unique source of information for practitioners and policymakers. UCDP also operates and continuously updates its online database (UCDP Conflict Encyclopedia) on armed conflicts and organised violence, in which information on several aspects of armed conflict such as conflict dynamics and conflict resolution is available. This interactive database offers a web-based system for visualising, handling and downloading data, including ready-made datasets on organized violence and peacemaking, all free of charge. Data on armed conflicts have been published yearly in the *Journal of Peace Research* since 1993, in the *Human Security Reports* since 2005, in the *SIPRI Yearbook* since 1988, and in the report series *States in Armed Conflict* (1987-2012). In addition, UCDP researchers regularly publish research on organized violence, its causes, escalation, spread, prevention and resolution, in top scientific journals and books. More information is available on the project’s website: <https://ucdp.uu.se/>

**The Violence Impacts Early-Warning System (VIEWS)** is a an academic research consortium jointly led by Uppsala University and Peace Research Institute Oslo. It unites a diverse range of research initiatives dedicated to exploring novel methodologies for forecasting violent conflict as well as the its impacts on society and human development. The consortium offers an award-winning prediction system that systematically monitors hundreds of structural drivers and complex conflict dynamics, and generates monthly predictions of impending conflict for each country and sub-national location within its scope up to three years into the future. The VIEWS data provided via the Demscore database is currently limited to forecasts for impending state-based conflict. They are provided as point predictions for the logged and non-logged number of fatalities in a given month and location , as well as dichotomous predictions for the probability that given fatality thresholds will be reached or exceeded in each month and place. . In the near future, they will be accompanied by corresponding predictions for armed conflict between non-state actors, as well as for violence against civilians. As the conflict impacts projects progress, the forecasting system will also be expanded with models that predict the impact of armed conflict on human development. For more information, please visit the consortium website: <https://viewsforecasting.org/>

### 2.1 UCDP Actor Dataset Version 24.1

**Dataset tag:** ucdp\_actor

**Output Unit:** UCDP Actor, i.e., data is collected per actor. That means each row in the dataset can be identified with one unique actor, using the column ActorId.

**Description:** A dataset of all the actors (including their full names and alternate names) as available in UCDP datasets version 21.1. The dataset also includes information on which conflicts and dyads the actors have been involved in, as well as information on the groups’ origins and alliances.

**Dataset citation:**

Davies, Shawn, Garoun Engström, Therese Pettersson Magnus Öberg (2024). Organized violence 1989-2023, and the prevalence of organized crime groups. *Journal of Peace Research* 61(4).

**Link to original codebook**

<https://ucdp.uu.se/downloads/actor/ucdp-actor-codebook-241.pdf>

**License:** UCDP offers a web-based system for visualising, handling and downloading data, including ready-made datasets on organized violence and peacemaking. All UCDP data are free of charge.

More detailed information on the dataset can be found at the following web page:  
<https://ucdp.uu.se/downloads/index.html#actor>

### 2.1.1 Actor Identifiers

Variables in this section can be used as a unique key for the dataset.

#### 2.1.1.1 Actor ID (actorid)

*Long tag:* ucdp\_actor\_actorid

*Original tag:* ActorId

*Dataset citation:* Davies et al. (2024)

*Description:*

The unique identifier of all actors.

### 2.1.2 Actor Names

Variables in this section list the names of the actor in different languages/versions.

#### 2.1.2.1 Registered Name of Actor in UCDP (namedata)

*Long tag:* ucdp\_actor\_namedata

*Original tag:* NameData

*Dataset citation:* Davies et al. (2024)

*Description:*

The name that is used for the actor in a UCDP dataset. The name used for an actor in UCDP data is either its current one or the last name it had when registered in a UCDP dataset. For formally organized non-state actors, such as militias or rebel groups, the names listed in this field are by default acronyms when applicable.

#### 2.1.2.2 Initial Name of Actor in UCDP (nameorig)

*Long tag:* ucdp\_actor\_nameorig

*Original tag:* NameOrig

*Dataset citation:* Davies et al. (2024)

*Description:*

The name of the actor when it was first included in a UCDP dataset.

#### 2.1.2.3 Full Original Name of Actor in Mother Tongue (nameorigfull)

*Long tag:* ucdp\_actor\_nameorigfull

*Original tag:* NameOrigFull

*Dataset citation:* Davies et al. (2024)

*Description:*

The full original name of the actor, in mother tongue.

#### 2.1.2.4 Full Original Name of Actor in English (nameorigfulleng)

*Long tag:* ucdp\_actor\_nameorigfulleng

*Original tag:* NameOrigFullEng

*Dataset citation:* Davies et al. (2024)

*Description:*

The full original name of the actor, in English.

#### 2.1.2.5 Change in Actor Name (namechange)

*Long tag:* ucdp\_actor\_namechange

*Original tag:* NameChange

*Dataset citation:* Davies et al. (2024)

*Description:*

A binary variable that codes whether the actor has changed its name. If the actor has changed its name, this variable is coded as 1. If not, a 0 is coded.

#### 2.1.2.6 New Name of Actor after Change (newname)

*Long tag:* ucdp\_actor\_newname

*Original tag:* NewName

*Dataset citation:* Davies et al. (2024)

*Description:*

The new name of the actor.

#### 2.1.2.7 Full Name of Actor in Mother Tongue after Change (newnamefullmothertongue)

*Long tag:* ucdp\_actor\_newnamefullmothertongue

*Original tag:* NewNameFullMotherTongue

*Dataset citation:* Davies et al. (2024)

*Description:*

The full new name in mother tongue.

#### 2.1.2.8 Full Name of Actor in English after Change (newnamefulleng)

*Long tag:* ucdp\_actor\_newnamefulleng

*Original tag:* NewNameFullEng

*Dataset citation:* Davies et al. (2024)

*Description:*

The full new name in English.

### 2.1.3 Actor Involvement

Variables in this section provide information on whether an actor is involved in organizations or groups of actors.

#### 2.1.3.1 Organizational Level of Actor (org)

*Long tag:* ucdp\_actor\_org

*Original tag:* Org

*Dataset citation:* Davies et al. (2024)

*Description:*

This variable indicates the organizational level of the actor. The level of organization is determined according to the following categories:

**Organizational level 1** (formally organized groups):

Rebel groups and other organized groups that have a high enough level of organization so as to be possible to include in the state-based armed conflict category. These include rebel groups with an announced name, as well as military factions (Forces of...).

**Organizational level 2** (informally organized groups):

Groups composed of supporters and affiliates to political parties and candidates. These are commonly not groups that are permanently organized for combat, but who at times use their organizational structures for such purposes. In addition to supporters of political parties and candidates, included in this category is also fighting between groups composed of supporters of other organizations such as the supporters of al-Ahly football team fighting against the supporters of al-Masry football team in Egypt 2012.

**Organizational level 3** (informally organized groups):

Groups that share a common identification along ethnic, clan, religious, national or tribal



lines. These are not groups that are permanently organized for combat, but who at times organize themselves along said lines to engage in fighting.

**Organizational level 4** (states):

The actor is the government of a state

#### 2.1.3.2 IDs of State-based Conflicts Involving Actor (**conflictid**)

*Long tag:* ucdp\_actor\_conflictid

*Original tag:* ConflictId

*Dataset citation:* Davies et al. (2024)

*Description:*

The unique identifier of all state-based armed conflicts (i.e. conflicts included in the UCDP/PRIO Armed Conflict Dataset) in which the actor has been recorded.

Comma-separated if multiple.

#### 2.1.3.3 IDs of State-based Dyads Involving Actor (**dyadid**)

*Long tag:* ucdp\_actor\_dyadid

*Original tag:* DyadId

*Dataset citation:* Davies et al. (2024)

*Description:*

The unique identifier of all dyads active in state-based armed conflicts (i.e. dyads included in the UCDP Dyadic Dataset) in which the actor has been recorded.

Comma-separated if multiple.

#### 2.1.3.4 Actor Being a Primary Party in a State-based Conflict (**primaryparty**)

*Long tag:* ucdp\_actor\_primaryparty

*Original tag:* PrimaryParty

*Dataset citation:* Davies et al. (2024)

*Description:*

A binary variable that codes whether the actor has been a primary party in a state-based armed conflict. If the actor has been a primary party, this variable is coded as 1. If not, a 0 is coded.

This variable relates solely to actors active in state-based armed conflicts.

#### 2.1.3.5 IDs of One-sided Incidents (Dyad IDs) Involving Actor (**osid**)

*Long tag:* ucdp\_actor\_osid

*Original tag:* OSID

*Dataset citation:* Davies et al. (2024)

*Description:*

The unique identifier of all dyads listed in the UCDP One-sided Violence Dataset.

#### 2.1.3.6 Actor Being Part of a Temporary Coalition in One-sided Violence (**oscoalition**)

*Long tag:* ucdp\_actor\_oscoalition

*Original tag:* OSCoalition

*Dataset citation:* Davies et al. (2024)

*Description:*

A binary variable listing whether the actor has been active in one-sided violence together with one or several other actors in the dataset. If the actor has been part of a temporary coalition in one-sided violence, this variable is coded as 1. If not, a 0 is coded.

### **2.1.3.7 IDs of Actor-involved Temporary Coalitions in One-sided Violence (oscoalitionid)**

*Long tag:* ucdp\_actor\_oscoalitionid

*Original tag:* OSCoalitionID

*Dataset citation:* Davies et al. (2024)

*Description:*

The unique identifier of all temporary coalitions listed in the UCDP One-sided Violence Dataset.

Comma-separated if multiple.

### **2.1.3.8 IDs of Non-state Dyads Involving Actor (nsid)**

*Long tag:* ucdp\_actor\_nsid

*Original tag:* NSID

*Dataset citation:* Davies et al. (2024)

*Description:*

The unique identifier of all non-state dyads (i.e. non-conflicts included in the UCDP Non-state Conflict Dataset) in which the actor has been recorded.

Comma-separated if multiple.

### **2.1.3.9 Actor Being Part of a Temporary Coalition in Non-state Conflict (nscoalition)**

*Long tag:* ucdp\_actor\_nscoalition

*Original tag:* NSCoalition

*Dataset citation:* Davies et al. (2024)

*Description:*

A binary variable listing whether the actor has been active in non-state conflict together with one or several other actors in the dataset. If the actor has been part of a temporary coalition in non-state conflict, this variable is coded as 1. If not, a 0 is coded.

### **2.1.3.10 IDs of Actor-involved Temporary Coalitions in Non-state Violence (nscoalitionid)**

*Long tag:* ucdp\_actor\_nscoalitionid

*Original tag:* NSCoalitionID

*Dataset citation:* Davies et al. (2024)

*Description:*

The unique identifier of all temporary coalitions listed in the UCDP Non-state Conflict Dataset. Comma-separated if multiple.

### **2.1.3.11 Non-state Actor Entering into Alliance (alliance)**

*Long tag:* ucdp\_actor\_alliance

*Original tag:* Alliance

*Dataset citation:* Davies et al. (2024)

*Description:*

A binary variable listing whether a non-state actor entered into an alliance with another non-state actor, also registered in UCDP data, thus creating a new non-state actor.

### **2.1.3.12 Name of Entered Alliance by Non-state Actor (namealliance)**

*Long tag:* ucdp\_actor\_namealliance

*Original tag:* NameAlliance

*Dataset citation:* Davies et al. (2024)

*Description:*

Name of the alliance created by the merger of two or more non-state actors.

### 2.1.3.13 ID of Alliance Formed by Non-state Actors (actoridalliance)

*Long tag:* ucdp\_actor\_actoridalliance

*Original tag:* ActorIdAlliance

*Dataset citation:* Davies et al. (2024)

*Description:*

The unique actor identifier of the new non-state actor (alliance) created by the merger of two or more non-state actors.

### 2.1.3.14 Non-state Actor Joining a Group (joingroup)

*Long tag:* ucdp\_actor\_joingroup

*Original tag:* JoinGroup

*Dataset citation:* Davies et al. (2024)

*Description:*

A binary variable listing whether a non-state actor joined a group already registered in UCDP data.

While this variable is closely related to the Alliance variable, there is a fundamental difference between the two. When an actor is coded in Alliance, it ceases to exist on its own, as it together with another registered actor creates a new organisation. A binary variable listing whether a non-state actor joined a group already registered in UCDP data.

While this variable is closely related to the Alliance variable, there is a fundamental difference between the two. When an actor is coded in Alliance, it ceases to exist on its own, as it together with another registered actor creates a new organisation.

When an actor is coded in Join\_group on the other hand, it ceases to exist because it joins, or is overtaken by another already existing group. An example of this is the case of the two Congolese rebel groups Ninjas and Ntsiloulous. When the Cobra militia, together with Angolan support, managed to oust the sitting president Pascal Lissouba (supported by the Cocoyes) and his Prime Minister Bernard Koleleas (supported by the Ninjas), the Ninjas hid and regrouped in the Pool region. In a parallel development, a new group surfaced in Pool; the Ntsiloulous. The Ntsiloulou leader Pasteur Ntumi was able to attract a large following amongst the Ninjas who thought that by following Ntumi's orders they were carrying out the will of God, and subsequently began increasing his military force. Over time more and more Ninjas joined the Ntsiloulous – some by their own free will and others under the threat of force – until, eventually, the Ninjas had ceased to exist.

### 2.1.3.15 Name of Joined Group by Non-state Actor (groupname)

*Long tag:* ucdp\_actor\_groupname

*Original tag:* GroupName

*Dataset citation:* Davies et al. (2024)

*Description:*

Name of the non-state group that the given non-state actor joined.

### 2.1.3.16 Actor ID of Joined Group (actoridgroup)

*Long tag:* ucdp\_actor\_actoridgroup

*Original tag:* ActorIdGroup

*Dataset citation:* Davies et al. (2024)

*Description:*

The unique actor identifier of the group that a given non-state actor joined.

## 2.1.4 Split Actors

Variables in this section provide information on whether an actor splits into several actors.

#### **2.1.4.1 Non-state Actor Being Created with Split (splinter)**

*Long tag:* ucdp\_actor\_splinter

*Original tag:* Splinter

*Dataset citation:* Davies et al. (2024)

*Description:*

A binary variable listing whether a non-state actor was created by breaking away from another actor listed in UCDP data.

#### **2.1.4.2 Name of Initial Non-state Actor Before Split (nameprev)**

*Long tag:* ucdp\_actor\_nameprev

*Original tag:* NamePrev

*Dataset citation:* Davies et al. (2024)

*Description:*

Name of the actor that a given non-state actor broke away from.

#### **2.1.4.3 ID of Initial Non-state Actor Before Split (actoridprev)**

*Long tag:* ucdp\_actor\_actoridprev

*Original tag:* ActorIdPrev

*Dataset citation:* Davies et al. (2024)

*Description:*

The unique identifier of the actor that a given group broke away from.

#### **2.1.4.4 Non-state Actor Being Created with Temporary Split (splittemp)**

*Long tag:* ucdp\_actor\_splittemp

*Original tag:* SplitTemp

*Dataset citation:* Davies et al. (2024)

*Description:*

A binary variable listing whether a non-state actor was created by a temporary split in the original movement.

Unlike the actors coded as created in the variable Splinter, those formed in SplitTemp are of a temporary nature. Often they may still view themselves as being part of the original group, but divisions within it has caused fighting between different factions or groupings. An example of this is fighting within the Taleban movement in Afghanistan. In 1996, two Taleban commanders and their followers fought each other over control of territory. The two factions, Taleban - Ali Dad faction and Taleban - Mola Khel faction, are registered in the UCDP Actor Dataset as separate actors created from a temporary split from the Taleban. The split is considered temporary as the commanders, after the fighting had ceased, continued to be part of the Taleban movement.

#### **2.1.4.5 Name of Initial Non-state Actor Temporarily Split (namesplittemp)**

*Long tag:* ucdp\_actor\_namesplittemp

*Original tag:* NameSplitTemp

*Dataset citation:* Davies et al. (2024)

*Description:*

Name of the actor that a given non-state actor temporarily broke away from.

#### **2.1.4.6 ID of Initial Non-state Actor Before Temporary Split (actoridsplittemp)**

*Long tag:* ucdp\_actor\_actoridsplittemp

*Original tag:* ActorIdSplitTemp

*Dataset citation:* Davies et al. (2024)

*Description:*

The unique identifier of the actor that a given group temporarily broke away from.

### 2.1.5 Geographical Information

Variables in this section describe the location to which the actor is related.

#### 2.1.5.1 Country (location)

*Long tag:* ucdp\_actor\_location

*Original tag:* Location

*Dataset citation:* Davies et al. (2024)

*Description:*

The countries in which the actor has been active.  
Comma-separated if multiple.

#### 2.1.5.2 Country GW ID (gwnoloc)

*Long tag:* ucdp\_actor\_gwnoloc

*Original tag:* GWNOLoc

*Dataset citation:* Davies et al. (2024)

*Description:*

The Gleditsch and Ward code for the countries in which the actor has been active.  
Comma-separated if multiple.

#### 2.1.5.3 Region (region)

*Long tag:* ucdp\_actor\_region

*Original tag:* Region

*Dataset citation:* Davies et al. (2024)

*Description:*

Identifies the region of the location  
1 = Europe (GWNo: 200-399)  
2= Middle East (GWNo: 630-699)  
3= Asia (GWNo: 700-999)  
4= Africa (GWNo: 400-626)  
5= Americas (GWNo: 2-199).

### 2.1.6 Dataset Version

The version of the dataset.

#### 2.1.6.1 Actor Dataset Version (version)

*Long tag:* ucdp\_actor\_version

*Original tag:* Version

*Dataset citation:* Davies et al. (2024)

*Description:*

The version of the dataset: 24.1

## 2.2 UCDP Battle-Related Deaths Dataset, Conflict Level Version 24.1

**Dataset tag:** ucdp\_brd\_conflict

**Output Unit:** The unit for this dataset is a conflict and year. That means there is one row for each combination of conflict and year in the dataset. This unit is identified using the conflict\_id column and the year column.

**Description:** A conflict-level dataset with information on the number of battle-related deaths in the conflicts from 1989-2020 that appear in the UCDP/PRIO Armed Conflict Dataset.

**Dataset citation:**

Davies, Shawn, Garoun Engström, Therese Pettersson Magnus Öberg (2024). Organized violence 1989-2023, and the prevalence of organized crime groups. *Journal of Peace Research* 61(4)

**Link to original codebook**

<https://ucdp.uu.se/downloads/brd/ucdp-brd-codebook-241.pdf>

**License:** UCDP offers a web-based system for visualising, handling and downloading data, including ready-made datasets on organized violence and peacemaking. All UCDP data are free of charge.

More detailed information on the dataset can be found at the following web page: <https://ucdp.uu.se/downloads/index.html>

**2.2.1 Identifier Variables**

Variables in this section can be used as a unique key for the dataset.

**2.2.1.1 Conflict ID (conflict\_id)**

*Long tag:* ucdp\_brd\_conflict\_conflict\_id

*Original tag:* conflict\_id

*Dataset citation:* Davies et al. (2024)

*Description:*

The unique identifier of the conflict, as given in the UCDP/PRIO Armed Conflict Dataset version 24.1 and the UCDP Dyadic Dataset version 24.1

**2.2.1.2 Dyad ID (dyad\_id)**

*Long tag:* ucdp\_brd\_conflict\_dyad\_id

*Original tag:* dyad\_id

*Dataset citation:* Davies et al. (2024)

*Description:*

A string variable listing all the dyads active in the current conflict-year separated by commas (',').

**2.2.1.3 Year (year)**

*Long tag:* ucdp\_brd\_conflict\_year

*Original tag:* year

*Dataset citation:* Davies et al. (2024)

*Description:*

The year of observation (1989-2022).

**2.2.2 Conflict Location**

Variables in this section describe the location of the conflict.

**2.2.2.1 Countries Having a Primary Claim to Incompatibility (location\_inc)**

*Long tag:* ucdp\_brd\_conflict\_location\_inc

*Original tag:* location\_inc

*Dataset citation:* Davies et al. (2024)

*Description:*

The name of the country/countries whose government(s) has a primary claim to the

incompatibility.

If multiple countries are listed, this is comma separated.

#### **2.2.2.2 Name of Territory Concerning Territory Incompatibility (territory\_name)**

*Long tag:* ucdp\_brd\_conflict\_territory\_name

*Original tag:* territory\_name

*Dataset citation:* Davies et al. (2024)

*Description:*

The name of the territory over which the conflict is fought, provided that the incompatibility is over territory, as given in the UCDP/PRIO Armed Conflict Dataset.

#### **2.2.2.3 Countries with Recorded Battle-Related Deaths (battle\_location)**

*Long tag:* ucdp\_brd\_conflict\_battle\_location

*Original tag:* battle\_location

*Dataset citation:* Davies et al. (2024)

*Description:*

The name of the country/countries in which battle-related deaths have been recorded in this conflict-year: battle\_location is a string variable, where the different countries are separated by a comma (',').

WARNING: This variable SHOULD NEVER be used for any geographical or spatial analyses of conflict as the distribution of violence as well as the relative magnitude of violence by country is not captured. In effect, a country is listed here if even one dead in the given conflict has occurred in that country. In fact, UCDP provides much better geographic coverage of conflict (including distribution of violence for each conflict and each country) in the UCDP Georeferenced Event Dataset (GED). Like UCDP BRD, GED is global and covers the same period (1989-2022).

Like UCDP BRD, GED is global and covers the same period (1989-2022).

#### **2.2.2.4 GW IDs of Countries Having a Primary Claim to Incompatibility (gwno\_loc)**

*Long tag:* ucdp\_brd\_conflict\_gwno\_loc

*Original tag:* gwno\_loc

*Dataset citation:* Davies et al. (2024)

*Description:*

The Gleditsch and Ward country codes of the incompatibility.  
Comma separated if multiple.

#### **2.2.2.5 GW IDs of Countries with Recorded Battle-Related Deaths (gwno\_battle)**

*Long tag:* ucdp\_brd\_conflict\_gwno\_battle

*Original tag:* gwno\_battle

*Dataset citation:* Davies et al. (2024)

*Description:*

The Gleditsch and Ward country codes of battle\_location.

WARNING: This variable SHOULD NEVER be used for any geographical or spatial analyses of conflict as the distribution of violence as well as the relative magnitude of violence by country is not captured. In effect a country is listed here if even one dead in the given conflict has occurred in that country.

In fact, UCDP provides much better geographic coverage of conflict (including distribution of violence for each conflict and each country) in the UCDP Georeferenced Event Dataset

(GED).

### 2.2.2.6 Region of the Countries Having a Primary Claim to Incompatibility (region)

*Long tag:* ucdp\_brd\_conflict\_region

*Original tag:* region

*Dataset citation:* Davies et al. (2024)

*Description:*

The region of the incompatibility (NOT of the Battle Location):

1 = Europe (GWNo: 200-399)

2= Middle East (GWNo: 630-699)

3= Asia (GWNo: 700-999)

4= Africa (GWNo: 400-626)

5= Americas (GWNo: 2-199).

## 2.2.3 Conflict Parties

This section provides variables that allow for linkages between the UCDP Battle Related Deaths dataset and all other UCDP datasets. This section also provides with variables to allow you to aggregate/filter/extract data on conflict, dyad or actor.

### 2.2.3.1 Name of Side A (side\_a)

*Long tag:* ucdp\_brd\_conflict\_side\_a

*Original tag:* side\_a

*Dataset citation:* Davies et al. (2024)

*Description:*

The name of the country/countries of Side A in a conflict.

Always the government side in intrastate conflicts, as given in the UCDP/PRIO Armed Conflict Dataset.

Comma separated if multiple.

### 2.2.3.2 Actor ID of Side A (side\_a\_id)

*Long tag:* ucdp\_brd\_conflict\_side\_a\_id

*Original tag:* side\_a\_id

*Dataset citation:* Davies et al. (2024)

*Description:*

The unique identifier of the actor on side A in the dyad.

### 2.2.3.3 Secondary Warring Parties on Side A (side\_a\_2nd)

*Long tag:* ucdp\_brd\_conflict\_side\_a\_2nd

*Original tag:* side\_a\_2nd

*Dataset citation:* Davies et al. (2024)

*Description:*

side\_a\_2nd lists all states that enter a conflict with troops to actively support side A in the dyad.

A secondary warring party on side A shares the position in the incompatibility with Side A in the conflict.

Side\_a\_2nd does not need to meet the 25 battle-related deaths criterion to be included in the dataset; an active troop participation is enough.

Comma separated if multiple.



**2.2.3.4 Name of Side B (side\_b)***Long tag:* ucdp\_brd\_conflict\_side\_b*Original tag:* side\_b*Dataset citation:* Davies et al. (2024)*Description:*

The name of the country or opposition organization(s) of side B in a conflict, as given in the UCDP/PRIO Armed Conflict Dataset.

Comma separated if multiple.

**2.2.3.5 Actor ID of Side B (side\_b\_id)***Long tag:* ucdp\_brd\_conflict\_side\_b\_id*Original tag:* side\_b\_id*Dataset citation:* Davies et al. (2024)*Description:*

The identifier of each of the actors on side B in the conflict.

Note that in contrast with older versions of UCDP datasets, this variable is NO LONGER the Gleditsch and Ward state identifier (GWcode or GWNo) if the conflict is interstate and Side B represents a country. Use the gwno\_b variable instead.

If more than one opposition organization or state is involved in a conflict, this is a comma-separated list of values.

**2.2.3.6 Secondary Warring Parties on Side B (side\_b\_2nd)***Long tag:* ucdp\_brd\_conflict\_side\_b\_2nd*Original tag:* side\_b\_2nd*Dataset citation:* Davies et al. (2024)*Description:*

side\_b\_2nd lists all states that enter a conflict dyad with troops to actively support side B in the dyad.

A secondary warring party on side B shares the position in the incompatibility with Side B in the conflict.

Side\_b\_2nd does not need to meet the 25 battle-related deaths criterion to be included in the dataset; an active troop participation is enough.

Comma separated if multiple.

**2.2.3.7 Incompatibility (incompatibility)***Long tag:* ucdp\_brd\_conflict\_incompatibility*Original tag:* incompatibility*Dataset citation:* Davies et al. (2024)*Description:*

The main conflict issue identified per the UCDP definitions:

1= Incompatibility about government

2= Incompatibility about territory

3= Incompatibility about government AND territory Integer.

**2.2.3.8 Country GW ID for Side A (gwno\_a)**

*Long tag:* ucdp\_brd\_conflict\_gwno\_a

*Original tag:* gwno\_a

*Dataset citation:* Davies et al. (2024)

*Description:*

The Gleditsch and Ward country code of side\_a.  
Comma separated if multiple.

### **2.2.3.9 Country GW ID for Secondary Warring Parties on Side A (gwno\_a\_2nd)**

*Long tag:* ucdp\_brd\_conflict\_gwno\_a\_2nd

*Original tag:* gwno\_a\_2nd

*Dataset citation:* Davies et al. (2024)

*Description:*

The Gleditsch and Ward country codes of side\_a\_2nd.  
Comma separated if multiple.

### **2.2.3.10 Country GW ID for Side B (gwno\_b)**

*Long tag:* ucdp\_brd\_conflict\_gwno\_b

*Original tag:* gwno\_b

*Dataset citation:* Davies et al. (2024)

*Description:*

The Gleditsch and Ward country codes of side\_b.  
Comma separated if multiple.

### **2.2.3.11 Country GW ID for Secondary Warring Parties on Side B (gwno\_b\_2nd)**

*Long tag:* ucdp\_brd\_conflict\_gwno\_b\_2nd

*Original tag:* gwno\_b\_2nd

*Dataset citation:* Davies et al. (2024)

*Description:*

The Gleditsch and Ward country codes of side\_b\_2nd.  
Comma separated if multiple.

## **2.2.4 Fatality Estimates**

This section provides fatality figures for each event. A note on civilian deaths: Civilian deaths can exist in all three categories of violence. DD In state-based and non-state violence, civilian deaths count “collateral” killings, i.e. when one or more civilians are killed as an effect of fighting between the two warring parties. At times, such fighting may even result in only the civilian bystanders receiving fatal injuries. Similarly, imprecise shelling or bombing in the context of an armed conflict is coded as state-based violence unless it is clear (from either reporting or context) that civilians have been explicitly targeted. In one-sided violence, the targeted and killed civilians are always registered in the deaths\_civilians column.

### **2.2.4.1 Total Battle-Related Deaths (Best/High/Low Estimates) (bd\_best)**

*Long tag:* ucdp\_brd\_conflict\_bd\_best

*Original tag:* bd\_best

*Dataset citation:* Davies et al. (2024)

*Description:*

The UCDP best/high/low estimates for battle-related deaths in the conflict in the given year.

## **2.2.5 Incompatibility**

These variables indicate the cause(s) of the conflict, i.e. the stated (in writing or verbally) generally incompatible positions.

### 2.2.5.1 Type of Conflict (`type_of_conflict`)

*Long tag:* `ucdp_brd_conflict_type_of_conflict`

*Original tag:* `type_of_conflict`

*Dataset citation:* Davies et al. (2024)

*Description:*

One of the following four types of conflict over which the dyad is fought:

1 = extrasystemic (between a state and a non-state group outside its own territory, where the government side is fighting to retain control of a territory outside the state system).

2 = interstate (both sides are states in the Gleditsch and Ward membership system).

3 = intrastate (side A is always a government; side B is always one or more rebel groups; there is no involvement of foreign governments with troops, i.e. there is no `side_a_2nd` or `side_b_2nd` coded).

4 = internationalized intrastate (side A is always a government; side B is always one or more rebel groups; there is involvement of foreign governments with troops, i.e. there is at least ONE `side_a_2nd` or `side_b_2nd` coded).

### 2.2.6 Dataset Version

The version of the dataset.

#### 2.2.6.1 Dataset Version (`version`)

*Long tag:* `ucdp_brd_conflict_version`

*Original tag:* `version`

*Dataset citation:* Davies et al. (2024)

*Description:*

The version of the dataset: 24.1

## 2.3 UCDP Battle-Related Deaths Dataset, Dyadic Level Version 24.1

*Dataset tag:* `ucdp_brd_dyadic`

**Output Unit:** UCDP Dyad-Year, i.e., data is collected per dyad and year. That means there is one row for each combination of dyad and year in the dataset. This unit is identified using the `dyad_id` column and the year column.

**Description:** A dyad-year dataset with information on the number of battle-related deaths in the conflicts from 1989-2023 that appear in the UCDP/PRIO Armed Conflict Dataset.

**Dataset citation:**

Davies, Shawn, Garoun Engström, Therese Pettersson Magnus Öberg (2024). Organized violence 1989-2023, and the prevalence of organized crime groups. *Journal of Peace Research* 61(4).

**Link to original codebook**

<https://ucdp.uu.se/downloads/brd/ucdp-brd-codebook-241.pdf>

**License:** UCDP offers a web-based system for visualising, handling and downloading data, including ready-made datasets on organized violence and peacemaking. All UCDP data are free of charge.

More detailed information on the dataset can be found at the following web page: <https://ucdp.uu.se/downloads/index.html>

### 2.3.1 Identifier Variables

Variables in this section can be used as a unique key for the dataset.

**2.3.1.1 Conflict ID (conflict\_id)***Long tag:* ucdp\_brd\_dyadic\_conflict\_id*Original tag:* conflict\_id*Dataset citation:* Davies et al. (2024)*Description:*

The unique identifier of the conflict to which the dyad corresponds, as given in the UCDP/PRIO Armed Conflict Dataset version 24.1 and the UCDP Dyadic Dataset version 24.1

**2.3.1.2 Dyad ID (dyad\_id)***Long tag:* ucdp\_brd\_dyadic\_dyad\_id*Original tag:* dyad\_id*Dataset citation:* Davies et al. (2024)*Description:*

The unique identifier of the dyad, as given in the UCDP Dyadic Dataset version 24.1

**2.3.1.3 Year (year)***Long tag:* ucdp\_brd\_dyadic\_year*Original tag:* year*Dataset citation:* Davies et al. (2024)*Description:*

The year of observation (1989-2022).

**2.3.2 Conflict Location**

Variables in this section describe the location of the conflict.

**2.3.2.1 Countries Having a Primary Claim to Incompatibility (location\_inc)***Long tag:* ucdp\_brd\_dyadic\_location\_inc*Original tag:* location\_inc*Dataset citation:* Davies et al. (2024)*Description:*

The name of the country/countries whose government(s) has a primary claim to the incompatibility. If multiple countries are listed, this is comma separated.

**2.3.2.2 Name of Territory Concerning Territory Incompatibility (territory\_name)***Long tag:* ucdp\_brd\_dyadic\_territory\_name*Original tag:* territory\_name*Dataset citation:* Davies et al. (2024)*Description:*

The name of the territory over which the conflict is fought, provided that the incompatibility is over territory, as given in the UCDP/PRIO Armed Conflict Dataset.

**2.3.2.3 Countries with Recorded Battle-Related Deaths (battle\_location)***Long tag:* ucdp\_brd\_dyadic\_battle\_location*Original tag:* battle\_location*Dataset citation:* Davies et al. (2024)*Description:*

The name of the country/countries in which battle-related deaths have been recorded in this dyad-year: battle\_location is a string variable, where the different countries are separated by a comma

**WARNING:** This variable SHOULD NEVER be used for any geographical or spatial analyses of conflict as the distribution of violence as well as the relative magnitude of violence by country is not captured. In effect a country is listed here if even one dead in the given conflict has occurred in that country.

In fact, UCDP provides much better geographic coverage of conflict (including distribution of violence for each conflict and each country) in the UCDP Georeferenced Event Dataset (GED).

Like UCDP BRD, GED is global and covers the same period (1989-2022).

#### 2.3.2.4 GW IDs of Countries Having a Primary Claim to Incompatibility (`gwno_loc`)

*Long tag:* `ucdp_brd_dyadic_gwno_loc`

*Original tag:* `gwno_loc`

*Dataset citation:* Davies et al. (2024)

*Description:*

The Gleditsch and Ward country codes of the incompatibility.  
Comma separated if multiple.

#### 2.3.2.5 GW IDs of Countries with Recorded Battle-Related Deaths (`gwno_battle`)

*Long tag:* `ucdp_brd_dyadic_gwno_battle`

*Original tag:* `gwno_battle`

*Dataset citation:* Davies et al. (2024)

*Description:*

The Gleditsch and Ward country codes of `battle_location`. Comma separated if multiple.

**WARNING:** This variable SHOULD NEVER be used for any geographical or spatial analyses of conflict as the distribution of violence as well as the relative magnitude of violence by country is not captured. In effect a country is listed here if even one dead in the given conflict has occurred in that country.

In fact, UCDP provides much better geographic coverage of conflict (including distribution of violence for each conflict and each country) in the UCDP Georeferenced Event Dataset (GED).

#### 2.3.2.6 Region of the Countries Having a Primary Claim to Incompatibility (`region`)

*Long tag:* `ucdp_brd_dyadic_region`

*Original tag:* `region`

*Dataset citation:* Davies et al. (2024)

*Description:*

The region of the incompatibility (NOT of the Battle Location):  
1 = Europe (GWNo: 200-399)  
2 = Middle East (GWNo: 630-699)  
3 = Asia (GWNo: 700-999)  
4 = Africa (GWNo: 400-626)  
5 = Americas (GWNo: 2-199).

### 2.3.3 Conflict Parties

This section provides variables that allow for linkages between the UCDP Battle Related Deaths dataset and all other UCDP datasets. This section also provides with variables to allow you to aggregate/filter/extract data on conflict, dyad or actor.

**2.3.3.1 Name of Side A (side\_a)***Long tag:* ucdp\_brd\_dyadic\_side\_a*Original tag:* side\_a*Dataset citation:* Davies et al. (2024)*Description:*

The name of the country/countries of Side A in a conflict.

Always the government side in intrastate conflicts, as given in the UCDP/PRIO Armed Conflict Dataset.

**2.3.3.2 Actor ID of Side A (side\_a\_id)***Long tag:* ucdp\_brd\_dyadic\_side\_a\_id*Original tag:* side\_a\_id*Dataset citation:* Davies et al. (2024)*Description:*

The unique identifier of the actor on side A in the dyad.

Comma separated if multiple.

**2.3.3.3 Secondary Warring Parties on Side A (side\_a\_2nd)***Long tag:* ucdp\_brd\_dyadic\_side\_a\_2nd*Original tag:* side\_a\_2nd*Dataset citation:* Davies et al. (2024)*Description:*

side\_a\_2nd lists all states that enter a conflict dyad with troops to actively support side A in the dyad.

A secondary warring party on side A shares the position in the incompatibility with Side A in the conflict.

Side\_a\_2nd does not need to meet the 25 battle-related deaths criterion to be included in the dataset; an active troop participation is enough. If multiple countries are listed, this is comma separated.

**2.3.3.4 Name of Side B (side\_b)***Long tag:* ucdp\_brd\_dyadic\_side\_b*Original tag:* side\_b*Dataset citation:* Davies et al. (2024)*Description:*

The name of the country or opposition organization in the dyad, as given in the UCDP Dyadic Dataset.

In the dyadic version of the dataset, only one side b exists per entry.

**2.3.3.5 Actor ID of Side B (side\_b\_id)***Long tag:* ucdp\_brd\_dyadic\_side\_b\_id*Original tag:* side\_b\_id*Dataset citation:* Davies et al. (2024)*Description:*

The unique identifier of the actor on side B in the dyad.

Note that in contrast with older versions of UCDP datasets, this variable is NO LONGER the Gleditsch and

Ward state identifier (GWcode or GWNo) if the conflict is interstate and Side B represents a country. Use the gwno\_b variable instead.

In the dyadic version of the dataset, only one side\_b\_id exists per entry.

**2.3.3.6 Secondary Warring Parties on Side B (side\_b\_2nd)**

*Long tag:* ucdp\_brd\_dyadic\_side\_b\_2nd

*Original tag:* side\_b\_2nd

*Dataset citation:* Davies et al. (2024)

*Description:*

side\_b\_2nd lists all states that enter a conflict dyad with troops to actively support side B in the dyad.

A secondary warring party on side B shares the position in the incompatibility with Side B in the conflict.

Side\_b\_2nd does not need to meet the 25 battle-related deaths criterion to be included in the dataset; an active troop participation is enough.

If multiple countries are listed, this is comma separated.

**2.3.3.7 Country GW ID for Side A (gwno\_a)**

*Long tag:* ucdp\_brd\_dyadic\_gwno\_a

*Original tag:* gwno\_a

*Dataset citation:* Davies et al. (2024)

*Description:*

The Gleditsch and Ward country codes of side\_a.

Comma separated if multiple.

**2.3.3.8 Country GW ID for Secondary Warring Parties on Side A (gwno\_a\_2nd)**

*Long tag:* ucdp\_brd\_dyadic\_gwno\_a\_2nd

*Original tag:* gwno\_a\_2nd

*Dataset citation:* Davies et al. (2024)

*Description:*

The Gleditsch and Ward country codes of side\_a\_2nd.

Comma separated if multiple.

**2.3.3.9 Country GW ID for Side B (gwno\_b)**

*Long tag:* ucdp\_brd\_dyadic\_gwno\_b

*Original tag:* gwno\_b

*Dataset citation:* Davies et al. (2024)

*Description:*

The Gleditsch and Ward country codes of side\_b.

Comma separated if multiple.

**2.3.3.10 Country GW ID for Secondary Warring Parties on Side B (gwno\_b\_2nd)**

*Long tag:* ucdp\_brd\_dyadic\_gwno\_b\_2nd

*Original tag:* gwno\_b\_2nd

*Dataset citation:* Davies et al. (2024)

*Description:*

The Gleditsch and Ward country codes of side\_b\_2nd.

Comma separated if multiple.

**2.3.4 Incompatibility**

These variables indicate the cause(s) of the conflict, i.e. the stated (in writing or verbally) generally incompatible positions.

**2.3.4.1 Incompatibility (incompatibility)***Long tag:* ucdp\_brd\_dyadic\_incompatibility*Original tag:* incompatibility*Dataset citation:* Davies et al. (2024)*Description:*

The main conflict issue identified per the UCDP definitions, as applied to the dyad:

1= Incompatibility about territory

2= Incompatibility about government

3= Incompatibility about government AND territory

**2.3.4.2 Type of Conflict (type\_of\_conflict)***Long tag:* ucdp\_brd\_dyadic\_type\_of\_conflict*Original tag:* type\_of\_conflict*Dataset citation:* Davies et al. (2024)*Description:*

One of the following four types of conflict that the dyad is active in:

1 = extrasystemic (between a state and a non-state group outside its own territory, where the government side is fighting to retain control of a territory outside the state system)

2 = interstate (both sides are states in the Gleditsch and Ward membership system).

3 = intrastate (side A is always a government; side B is always one or more rebel groups; there is no involvement of foreign governments with troops, i.e. there is no side\_a\_2nd or side\_b\_2nd coded).

4 = internationalized intrastate (side A is always a government; side B is always one or more rebel groups; there is involvement of foreign governments with troops, i.e. there is at least ONE side\_a\_2nd or side\_b\_2nd coded).

**2.3.5 Fatality Estimates**

This section provides fatality figures for each event. A note on civilian deaths: Civilian deaths can exist in all three categories of violence. DD In state-based and non-state violence, civilian deaths count “collateral” killings, i.e. when one or more civilians are killed as an effect of fighting between the two warring parties. At times, such fighting may even result in only the civilian bystanders receiving fatal injuries. Similarly, imprecise shelling or bombing in the context of an armed conflict is coded as state-based violence unless it is clear (from either reporting or context) that civilians have been explicitly targeted. In one-sided violence, the targeted and killed civilians are always registered in the deaths\_civilians column.

**2.3.5.1 Total Battle-Related Deaths (Best/High/Low Estimates) (bd\_best)***Long tag:* ucdp\_brd\_dyadic\_bd\_best*Original tag:* bd\_best*Dataset citation:* Davies et al. (2024)*Description:*

The UCDP best/high/low estimates for battle-related deaths in the dyad in the given year.

**2.3.6 Dataset Version**

The version of the dataset.

**2.3.6.1 Dataset Version (version)***Long tag:* ucdp\_brd\_dyadic\_version*Original tag:* version*Dataset citation:* Davies et al. (2024)



*Description:*

The version of the dataset: 24.1

## 2.4 UCDP Conflict Issues Dataset Version 23.2 (Dyad-Issue-Year)

**Dataset tag:** ucdp\_cid\_diy

**Output Unit:** UCDP Dyad-Issue-Year, i.e., data is collected per dyad, issue, and year. That means there is one row for each combination of dyad, issue, and year in the dataset. This unit is identified using the dyad\_id column and the year column.

**Description:** A dyad-issue-year and a dyad-year dataset containing conflict issues: I.e. the stated goals of rebel groups in UCDP armed conflicts between 1989-2017. The first dataset lists each issue stated by a group on an early basis, while the other contains dyad-years with dummy variables for each possible issue in each calendar year. This webpage also contains a codebook for the issue narratives (based on the UCDP CID version 2023-1) found in the UCDP Conflict Encyclopedia.

*Dataset citation:*

Johan Brosché and Ralph Sundberg, 2023, “What They Are Fighting For: Introducing the UCDP Conflict Issues Dataset”, *Journal of Conflict Resolution* DOI: 10.1177/00220027231218633/

Brosché, Johan, Ralph Sundberg, Peter Wallensteen, Gabrielle Lövquist, Tom Renvall, Sebastian Raattamaa, Andrew Fallon, Louis-Alassane Cassignard Viaux, Tim Gässte, Anna Svedin, Tania Estrada, Tobias Gustafsson, Magnus Lundström, Jakob Schabus, Annika Leers, Stefano Cisternino, Theodor Stensö, David Edberg Landström, Theo Valois Souza Ferreira, Robin Sällström, Cecilia Borella, Inge Volleberg, Nanar Hawach, and Noah Celander. 2023, “UCDP CID Codebook version 23.1”, Department of Peace and Conflict Research, Uppsala University

*Link to original codebook*

[https://ucdp.uu.se/downloads/cid/UCDP\\_CID\\_Codebook\\_231.pdf](https://ucdp.uu.se/downloads/cid/UCDP_CID_Codebook_231.pdf)

[https://ucdp.uu.se/downloads/cid/UCDP\\_CID\\_Issue\\_Narratives\\_Codebook.pdf](https://ucdp.uu.se/downloads/cid/UCDP_CID_Issue_Narratives_Codebook.pdf)

**License:** UCDP offers a web-based system for visualising, handling and downloading data, including ready-made datasets on organized violence and peacemaking. All UCDP data are free of charge.

More detailed information on the dataset can be found at the following web page: <https://ucdp.uu.se/downloads/index.html>

### 2.4.1 Identifiers

Variables in this section identify rows in the dataset.

#### 2.4.1.1 Activeness of Dyad (active\_year)

*Long tag:* ucdp\_cid\_diy\_active\_year

*Original tag:* active\_year

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Denotes if the dyad was inactive (1) or active (0) according to the UCDP Armed Conflict Dataset

#### 2.4.1.2 Conflict Name (conflict)

*Long tag:* ucdp\_cid\_diy\_conflict

*Original tag:* conflict

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

The unique identifier of the conflict in text.

**2.4.1.3 Conflict ID (conflict\_id)**

*Long tag:* ucdp\_cid\_diy\_conflict\_id

*Original tag:* conflict\_id

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

The unique identifier of the conflict.

**2.4.1.4 Dyad ID (dyad\_id)**

*Long tag:* ucdp\_cid\_diy\_dyad\_id

*Original tag:* dyad\_id

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

The unique identifier of the dyad.

**2.4.1.5 Side B Name (side\_b)**

*Long tag:* ucdp\_cid\_diy\_side\_b

*Original tag:* side\_b

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Identifying the opposition actor of side B in the conflict. Note that this is a primary party to the conflict.

**2.4.1.6 Side B ID (side\_b\_id)**

*Long tag:* ucdp\_cid\_diy\_side\_b\_id

*Original tag:* side\_b\_id

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Unique identifier of the opposition actor of side B in the conflict. Note that this is a primary party to the conflict.

**2.4.1.7 Year of Observation (year)**

*Long tag:* ucdp\_cid\_diy\_year

*Original tag:* year

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

The year of observation (1989-2017). The code 1000 denotes baseline issues (coded in any year before 1989).

**2.4.2 Conflict Issue**

Information on the conflict issue.

**2.4.2.1 Dropped Issue (dropped)**

*Long tag:* ucdp\_cid\_diy\_dropped

*Original tag:* dropped

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Denotes if a specified issue was dropped – rather than stated – in a given year (0=no, 1=yes).

**2.4.2.2 Issue (issue\_text)**

*Long tag:* ucdp\_cid\_diy\_issue\_text

*Original tag:* issue\_text

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

The type of issue coded for side B in a specific calendar year in text. Corresponds to the numeric code at Tier 4

**2.4.2.3 Sources (source)**

*Long tag:* ucdp\_cid\_diy\_source

*Original tag:* source

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Sources used in the coding

**2.4.2.4 Tier 1 (tier1)**

*Long tag:* ucdp\_cid\_diy\_tier1

*Original tag:* tier1

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Denotes the coded issue's place at Tier 1. Conflict Goals=1 Conflict Dynamics=2 Conflict Resolution=3 9999 denotes no issues recorded.

**2.4.2.5 Tier 2 (tier2)**

*Long tag:* ucdp\_cid\_diy\_tier2

*Original tag:* tier2

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Denotes the coded issue's numeric code at Tier 2. See UCDP CID Codebook. 9999 denotes no issues recorded.

**2.4.2.6 Tier 3 (tier3)**

*Long tag:* ucdp\_cid\_diy\_tier3

*Original tag:* tier3

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Denotes the coded issue's numeric code at Tier 3. See UCDP CID Codebook. 9999 denotes no issues recorded.

**2.4.2.7 Tier 4 (tier4)**

*Long tag:* ucdp\_cid\_diy\_tier4

*Original tag:* tier4

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Denotes the coded issue's numeric code at Tier 4. See UCDP CID Codebook. 9999 denotes no issues recorded.

**2.4.2.8 Issues Coded Based on Umbrella Rules (umbrella)**

*Long tag:* ucdp\_cid\_diy\_umbrella

*Original tag:* umbrella

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Denotes if the issue was coded based on the umbrella rules specified in UCDP CID codebook

### 2.4.3 Actor

Information on the actor.

#### 2.4.3.1 Ethnicity (Category 1) (ethnicity\_1)

*Long tag:* ucdp\_cid\_diy\_ethnicity\_1

*Original tag:* ethnicity\_1

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Denotes the ethnic group/s the actor purportedly represents or mobilizes from.

#### 2.4.3.2 Ethnicity (Category 2) (ethnicity\_2)

*Long tag:* ucdp\_cid\_diy\_ethnicity\_2

*Original tag:* ethnicity\_2

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Denotes the ethnic group/s the actor purportedly represents or mobilizes from.

#### 2.4.3.3 Ethnicity (Category 3) (ethnicity\_3)

*Long tag:* ucdp\_cid\_diy\_ethnicity\_3

*Original tag:* ethnicity\_3

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Denotes the ethnic group/s the actor purportedly represents or mobilizes from.

#### 2.4.3.4 Ethnicity (Category 4) (ethnicity\_4)

*Long tag:* ucdp\_cid\_diy\_ethnicity\_4

*Original tag:* ethnicity\_4

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Denotes the ethnic group/s the actor purportedly represents or mobilizes from.

#### 2.4.3.5 Ideology (Category 1) (ideology\_1)

*Long tag:* ucdp\_cid\_diy\_ideology\_1

*Original tag:* ideology\_1

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Denotes the various identified ideologies of the actor.

#### 2.4.3.6 Ideology (Category 2) (ideology\_2)

*Long tag:* ucdp\_cid\_diy\_ideology\_2

*Original tag:* ideology\_2

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Denotes the various identified ideologies of the actor.

**2.4.3.7 Ideology (Category 3) (ideology\_3)***Long tag:* ucdp\_cid\_diy\_ideology\_3*Original tag:* ideology\_3*Dataset citation:* Brosché & Sundberg (2023)*Description:*

Denotes the various identified ideologies of the actor.

**2.4.3.8 Ideology (Category 4) (ideology\_4)***Long tag:* ucdp\_cid\_diy\_ideology\_4*Original tag:* ideology\_4*Dataset citation:* Brosché & Sundberg (2023)*Description:*

Denotes the various identified ideologies of the actor.

**2.4.3.9 Subgroup of Insurgents (insurgent\_subgroup)***Long tag:* ucdp\_cid\_diy\_insurgent\_subgroup*Original tag:* insurgent\_subgroup*Dataset citation:* Brosché & Sundberg (2023)*Description:*

Denotes which specific rebel group/groups have been coded as representatives of broader categories of insurgents/rebels, such as ‘Pattani insurgents’, ‘Kashmir insurgents’ etc.

**2.4.3.10 Religion (Category 1) (religion\_1)***Long tag:* ucdp\_cid\_diy\_religion\_1*Original tag:* religion\_1*Dataset citation:* Brosché & Sundberg (2023)*Description:*

Denotes the religious group/s the actor purportedly represents or mobilizes from.

**2.4.3.11 Religion (Category 2) (religion\_2)***Long tag:* ucdp\_cid\_diy\_religion\_2*Original tag:* religion\_2*Dataset citation:* Brosché & Sundberg (2023)*Description:*

Denotes the religious group/s the actor purportedly represents or mobilizes from.

**2.4.3.12 Religion (Category 3) (religion\_3)***Long tag:* ucdp\_cid\_diy\_religion\_3*Original tag:* religion\_3*Dataset citation:* Brosché & Sundberg (2023)*Description:*

Denotes the religious group/s the actor purportedly represents or mobilizes from.

**2.4.3.13 Side B Being a Splinter Group (splinter)***Long tag:* ucdp\_cid\_diy\_splinter*Original tag:* splinter*Dataset citation:* Brosché & Sundberg (2023)*Description:*

Denotes if a side B is a splinter group originating from another side B. (0=no, 1=yes)

#### 2.4.4 Location

Location

##### 2.4.4.1 Geography (Category 1) (geography\_1)

*Long tag:* ucdp\_cid\_diy\_geography\_1

*Original tag:* geography\_1

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Denotes the various geographic levels in relation to which issues have been stated by the actor.

##### 2.4.4.2 Geography (Category 2) (geography\_2)

*Long tag:* ucdp\_cid\_diy\_geography\_2

*Original tag:* geography\_2

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Denotes the various geographic levels in relation to which issues have been stated by the actor.

##### 2.4.4.3 Geography (Category 3) (geography\_3)

*Long tag:* ucdp\_cid\_diy\_geography\_3

*Original tag:* geography\_3

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Denotes the various geographic levels in relation to which issues have been stated by the actor.

##### 2.4.4.4 Geography (Category 4) (geography\_4)

*Long tag:* ucdp\_cid\_diy\_geography\_4

*Original tag:* geography\_4

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Denotes the various geographic levels in relation to which issues have been stated by the actor.

##### 2.4.4.5 Location of Incompatibility (location)

*Long tag:* ucdp\_cid\_diy\_location

*Original tag:* location

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Location of the incompatibility as per UCDP

#### 2.4.5 Incompatibility

Incompatibility

##### 2.4.5.1 Incompatibility (incompatibility)

*Long tag:* ucdp\_cid\_diy\_incompatibility

*Original tag:* incompatibility

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Denotes the UCDP's coding of the incompatibility. 1=territory, 2=government, 3=territory and government

## 2.4.6 Version

Version of the dataset.

### 2.4.6.1 Version of Dataset (version)

*Long tag:* ucdp\_cid\_diy\_version

*Original tag:* version

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

The version of the dataset. Follows UCDP conventions, where first two digits are year of publication and third digit a number within that year.

## 2.5 UCDP Conflict Issues Dataset Version 23.2 (Dyad-Year)

*Dataset tag:* ucdp\_cid\_dy

**Output Unit:** UCDP Dyad-Year, i.e., data is collected per dyad and year. That means there is one row for each combination of dyad and year in the dataset. This unit is identified using the dyad\_id column and the year column.

**Description:** A dyad-issue-year and a dyad-year dataset containing conflict issues: I.e. the stated goals of rebel groups in UCDP armed conflicts between 1989-2017. The first dataset lists each issue stated by a group on an early basis, while the other contains dyad-years with dummy variables for each possible issue in each calendar year. This webpage also contains a codebook for the issue narratives (based on the UCDP CID version 2023-1) found in the UCDP Conflict Encyclopedia.

**Dataset citation:**

Johan Brosché and Ralph Sundberg, 2023, “What They Are Fighting For: Introducing the UCDP Conflict Issues Dataset”, *Journal of Conflict Resolution* DOI: 10.1177/00220027231218633/

Brosché, Johan, Ralph Sundberg, Peter Wallensteen, Gabrielle Lövquist, Tom Renvall, Sebastian Raattamaa, Andrew Fallon, Louis-Alassane Cassignard Viaux, Tim Gåsste, Anna Svedin, Tania Estrada, Tobias Gustafsson, Magnus Lundström, Jakob Schabus, Annika Leers, Stefano Cisternino, Theodor Stensö, David Edberg Landström, Theo Valois Souza Ferreira, Robin Sällström, Cecilia Borella, Inge Volleberg, Nanar Hawach, and Noah Celander. 2023, “UCDP CID Codebook version 23.1”, Department of Peace and Conflict Research, Uppsala University

**Link to original codebook**

[https://ucdp.uu.se/downloads/cid/UCDP\\_CID\\_Codebook\\_231.pdf](https://ucdp.uu.se/downloads/cid/UCDP_CID_Codebook_231.pdf)

**License:** UCDP offers a web-based system for visualising, handling and downloading data, including ready-made datasets on organized violence and peacemaking. All UCDP data are free of charge.

More detailed information on the dataset can be found at the following web page:  
<https://ucdp.uu.se/downloads/index.html>

### 2.5.1 Identifiers

Variables in this section identify rows in the dataset.

#### 2.5.1.1 Activeness of Dyad (active\_year)

*Long tag:* ucdp\_cid\_dy\_active\_year

*Original tag:* 10101

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Denotes if the dyad was inactive (1) or active (0) according to the UCDP Armed Conflict Dataset.

**2.5.1.2 Conflict ID (conflict\_id)**

*Long tag:* ucdp\_cid\_dy\_conflict\_id

*Original tag:* 10201

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

The unique identifier of the conflict.

**2.5.1.3 Dyad ID (dyad\_id)**

*Long tag:* ucdp\_cid\_dy\_dyad\_id

*Original tag:* 10202

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

The unique identifier of the dyad.

**2.5.1.4 Side B Name (side\_b)**

*Long tag:* ucdp\_cid\_dy\_side\_b

*Original tag:* side\_b

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Identifying the opposition actor of side B in the conflict. Note that this is a primary party to the conflict.

**2.5.1.5 Side B ID (side\_b\_id)**

*Long tag:* ucdp\_cid\_dy\_side\_b\_id

*Original tag:* side\_b\_id

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Unique identifier of the opposition actor of side B in the conflict. Note that this is a primary party to the conflict.

**2.5.1.6 Year of Observation (year)**

*Long tag:* ucdp\_cid\_dy\_year

*Original tag:* year

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

The year of observation (1989-2017). The code 1000 denotes baseline issues (coded in any year before 1989).

**2.5.2 Actor**

Actor

**2.5.2.1 Ethnicity (Category 1) (ethnicity\_1)**

*Long tag:* ucdp\_cid\_dy\_ethnicity\_1

*Original tag:* 10203

*Dataset citation:* Brosché & Sundberg (2023)



*Description:*

Denotes the ethnic group/s the actor purportedly represents or mobilizes from. There are four ethnicity variables (ethnicity\_1 through ethnicity\_4). Each variable specifies in string format which ethnicity/communal group a group purports to represent or mobilize/recruit from.

**2.5.2.2 Ethnicity (Category 2) (ethnicity\_2)**

*Long tag:* ucdp\_cid\_dy\_ethnicity\_2

*Original tag:* 10204

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Denotes the ethnic group/s the actor purportedly represents or mobilizes from. There are four ethnicity variables (ethnicity\_1 through ethnicity\_4). Each variable specifies in string format which ethnicity/communal group a group purports to represent or mobilize/recruit from.

**2.5.2.3 Ethnicity (Category 3) (ethnicity\_3)**

*Long tag:* ucdp\_cid\_dy\_ethnicity\_3

*Original tag:* 1101

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Denotes the ethnic group/s the actor purportedly represents or mobilizes from. There are four ethnicity variables (ethnicity\_1 through ethnicity\_4). Each variable specifies in string format which ethnicity/communal group a group purports to represent or mobilize/recruit from.

**2.5.2.4 Ethnicity (Category 4) (ethnicity\_4)**

*Long tag:* ucdp\_cid\_dy\_ethnicity\_4

*Original tag:* 1102

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Denotes the ethnic group/s the actor purportedly represents or mobilizes from. There are four ethnicity variables (ethnicity\_1 through ethnicity\_4). Each variable specifies in string format which ethnicity/communal group a group purports to represent or mobilize/recruit from.

**2.5.2.5 Ideology (Category 1) (ideology\_1)**

*Long tag:* ucdp\_cid\_dy\_ideology\_1

*Original tag:* 1401

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Denotes the various identified ideologies of the actor. There are four ideology variables (ideology\_1 through ideology\_4). The code scheme denotes the different categories available: Socialism (1000) (Maoist (1100), Communist (1200), Leninist (1300), Marxist (1400)), Decolonization (2000), Nationalism/conservatism (3000) (Nationalist (3100), Kemalist (3300), Royalist (3500), Right-wing (3600)), Islamist (4000), Anti-communist (5000), Anti-Zionist (11000)

**2.5.2.6 Ideology (Category 2) (ideology\_2)**

*Long tag:* ucdp\_cid\_dy\_ideology\_2

*Original tag:* 1402

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Denotes the various identified ideologies of the actor. There are four ideology variables (ideology\_1 through ideology\_4). The code scheme denotes the different categories available: Socialism (1000) (Maoist (1100), Communist (1200), Leninist (1300), Marxist (1400)),

Decolonization (2000), Nationalism/conservatism (3000) (Nationalist (3100), Kemalist (3300), Royalist (3500), Right-wing (3600)), Islamist (4000), Anti-communist (5000), Anti-Zionist (11000)

#### 2.5.2.7 Ideology (Category 3) (ideology\_3)

*Long tag:* ucdp\_cid\_dy\_ideology\_3

*Original tag:* 2101

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Denotes the various identified ideologies of the actor. There are four ideology variables (ideology\_1 through ideology\_4). The code scheme denotes the different categories available: Socialism (1000) (Maoist (1100), Communist (1200), Leninist (1300), Marxist (1400)), Decolonization (2000), Nationalism/conservatism (3000) (Nationalist (3100), Kemalist (3300), Royalist (3500), Right-wing (3600)), Islamist (4000), Anti-communist (5000), Anti-Zionist (11000)

#### 2.5.2.8 Ideology (Category 4) (ideology\_4)

*Long tag:* ucdp\_cid\_dy\_ideology\_4

*Original tag:* 2102

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Denotes the various identified ideologies of the actor. There are four ideology variables (ideology\_1 through ideology\_4). The code scheme denotes the different categories available: Socialism (1000) (Maoist (1100), Communist (1200), Leninist (1300), Marxist (1400)), Decolonization (2000), Nationalism/conservatism (3000) (Nationalist (3100), Kemalist (3300), Royalist (3500), Right-wing (3600)), Islamist (4000), Anti-communist (5000), Anti-Zionist (11000)

#### 2.5.2.9 Religion (Category 1) (religion\_1)

*Long tag:* ucdp\_cid\_dy\_religion\_1

*Original tag:* religion\_1

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Denotes the religious group/s the actor purportedly represents or mobilizes from. There are three religion variables (religion\_1 through religion\_3). Religion\_1 specifies – when possible - the overarching religious orientation, and religion\_2 specific branches or sects within the overarching category. Religion\_3 specifies additional possible religious affiliations. The code scheme denotes the different categories available: Muslim (1000) (Sunni (1100), Shia (1200)), Christian (2000) (Catholic (2100), Maronite (2200), Baptist (2300), Protestant (2400), Orthodox (2500)), Buddhist (3000), Hindu (4000), Sikh (5000), Secular (6000), Traditional (7000)

#### 2.5.2.10 Religion (Category 2) (religion\_2)

*Long tag:* ucdp\_cid\_dy\_religion\_2

*Original tag:* religion\_2

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Denotes the religious group/s the actor purportedly represents or mobilizes from. There are three religion variables (religion\_1 through religion\_3). Religion\_1 specifies – when possible - the overarching religious orientation, and religion\_2 specific branches or sects within the overarching category. Religion\_3 specifies additional possible religious affiliations. The code scheme denotes the different categories available: Muslim (1000) (Sunni (1100), Shia (1200)), Christian (2000) (Catholic (2100), Maronite (2200), Baptist (2300), Protestant (2400),

Orthodox (2500)), Buddhist (3000), Hindu (4000), Sikh (5000), Secular (6000), Traditional (7000)

#### **2.5.2.11 Religion (Category 3) (religion\_3)**

*Long tag:* ucdp\_cid\_dy\_religion\_3

*Original tag:* religion\_3

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Denotes the religious group/s the actor purportedly represents or mobilizes from. There are three religion variables (religion\_1 through religion\_3). Religion\_1 specifies – when possible – the overarching religious orientation, and religion\_2 specific branches or sects within the overarching category. Religion\_3 specifies additional possible religious affiliations. The code scheme denotes the different categories available: Muslim (1000) (Sunni (1100), Shia (1200)), Christian (2000) (Catholic (2100), Maronite (2200), Baptist (2300), Protestant (2400), Orthodox (2500)), Buddhist (3000), Hindu (4000), Sikh (5000), Secular (6000), Traditional (7000)

### **2.5.3 Location**

Location

#### **2.5.3.1 Geography (Category 1) (geography\_1)**

*Long tag:* ucdp\_cid\_dy\_geography\_1

*Original tag:* 1201

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Denotes the various geographic levels in relation to which issues have been stated by the actor. There are four geography variables (geography\_1 through geography\_4). The code scheme denotes the four different levels: Global (1000), Regional (2000), National (3000), Subnational (4000)

#### **2.5.3.2 Geography (Category 2) (geography\_2)**

*Long tag:* ucdp\_cid\_dy\_geography\_2

*Original tag:* 1301

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Denotes the various geographic levels in relation to which issues have been stated by the actor. There are four geography variables (geography\_1 through geography\_4). The code scheme denotes the four different levels: Global (1000), Regional (2000), National (3000), Subnational (4000)

#### **2.5.3.3 Geography (Category 3) (geography\_3)**

*Long tag:* ucdp\_cid\_dy\_geography\_3

*Original tag:* 1302

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Denotes the various geographic levels in relation to which issues have been stated by the actor. There are four geography variables (geography\_1 through geography\_4). The code scheme denotes the four different levels: Global (1000), Regional (2000), National (3000), Subnational (4000)

#### **2.5.3.4 Geography (Category 4) (geography\_4)**

*Long tag:* ucdp\_cid\_dy\_geography\_4

*Original tag:* 1303

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Denotes the various geographic levels in relation to which issues have been stated by the actor. There are four geography variables (geography\_1 through geography\_4). The code scheme denotes the four different levels: Global (1000), Regional (2000), National (3000), Subnational (4000)

## 2.5.4 Conflict Issue

Conflict Issues

### 2.5.4.1 Call for truth and reconciliation processes (n\_10101)

*Long tag:* ucdp\_cid\_dy\_n\_10101

*Original tag:* 2103

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

### 2.5.4.2 Accountability/prosecution/investigation (n\_10201)

*Long tag:* ucdp\_cid\_dy\_n\_10201

*Original tag:* 2104

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

### 2.5.4.3 Amnesties (n\_10202)

*Long tag:* ucdp\_cid\_dy\_n\_10202

*Original tag:* 2201

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

### 2.5.4.4 Recognition of wrongdoing (n\_10203)

*Long tag:* ucdp\_cid\_dy\_n\_10203

*Original tag:* 2202

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

### 2.5.4.5 Compensation/restoration (n\_10204)

*Long tag:* ucdp\_cid\_dy\_n\_10204

*Original tag:* 2203

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

**2.5.4.6 Independence (n\_1101)**

*Long tag:* ucdp\_cid\_dy\_n\_1101

*Original tag:* 2204

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

**2.5.4.7 Irredentism (n\_1102)**

*Long tag:* ucdp\_cid\_dy\_n\_1102

*Original tag:* 2205

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

**2.5.4.8 Unification of states (n\_1201)**

*Long tag:* ucdp\_cid\_dy\_n\_1201

*Original tag:* 2206

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

**2.5.4.9 Autonomy (n\_1301)**

*Long tag:* ucdp\_cid\_dy\_n\_1301

*Original tag:* 2301

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

**2.5.4.10 Federalism (n\_1302)**

*Long tag:* ucdp\_cid\_dy\_n\_1302

*Original tag:* 2302

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

**2.5.4.11 Confederation/union (n\_1303)**

*Long tag:* ucdp\_cid\_dy\_n\_1303

*Original tag:* 2303

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

#### **2.5.4.12 Decentralization (n\_1401)**

*Long tag:* ucdp\_cid\_dy\_n\_1401

*Original tag:* 2401

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

#### **2.5.4.13 Change of administrative divisions (n\_1402)**

*Long tag:* ucdp\_cid\_dy\_n\_1402

*Original tag:* 2402

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

#### **2.5.4.14 Change political system: Democracy (n\_2101)**

*Long tag:* ucdp\_cid\_dy\_n\_2101

*Original tag:* 2403

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

#### **2.5.4.15 Change political system: Socialist state (n\_2102)**

*Long tag:* ucdp\_cid\_dy\_n\_2102

*Original tag:* 2501

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

#### **2.5.4.16 Change political system: Islamic state (n\_2103)**

*Long tag:* ucdp\_cid\_dy\_n\_2103

*Original tag:* 2502

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

#### **2.5.4.17 Change political system: Other/undefined system (n\_2104)**

*Long tag:* ucdp\_cid\_dy\_n\_2104

*Original tag:* 2503

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

#### **2.5.4.18 Oust full executive (n\_2201)**

*Long tag:* ucdp\_cid\_dy\_n\_2201

*Original tag:* 2504

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

#### **2.5.4.19 Oust head of the executive (n\_2202)**

*Long tag:* ucdp\_cid\_dy\_n\_2202

*Original tag:* 2601

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

#### **2.5.4.20 Reform executive structure (n\_2203)**

*Long tag:* ucdp\_cid\_dy\_n\_2203

*Original tag:* 3101

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

#### **2.5.4.21 Executive power-sharing (n\_2204)**

*Long tag:* ucdp\_cid\_dy\_n\_2204

*Original tag:* 3102

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

#### **2.5.4.22 Executive power-sharing: interim (n\_2205)**

*Long tag:* ucdp\_cid\_dy\_n\_2205

*Original tag:* 3103

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue

was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

#### **2.5.4.23 Oust local executive (n\_2206)**

*Long tag:* ucdp\_cid\_dy\_n\_2206

*Original tag:* 3104

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

#### **2.5.4.24 Oust parliament (n\_2301)**

*Long tag:* ucdp\_cid\_dy\_n\_2301

*Original tag:* 3201

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

#### **2.5.4.25 Reform parliament (n\_2302)**

*Long tag:* ucdp\_cid\_dy\_n\_2302

*Original tag:* 3202

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

#### **2.5.4.26 Parliamentary power-sharing (n\_2303)**

*Long tag:* ucdp\_cid\_dy\_n\_2303

*Original tag:* 3203

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

#### **2.5.4.27 Change judicial system (n\_2401)**

*Long tag:* ucdp\_cid\_dy\_n\_2401

*Original tag:* 3204

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

#### **2.5.4.28 Reform judicial system (n\_2402)**

*Long tag:* ucdp\_cid\_dy\_n\_2402

*Original tag:* 4101



*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

#### **2.5.4.29 Constitutional issues (n\_2403)**

*Long tag:* ucdp\_cid\_dy\_n\_2403

*Original tag:* 4102

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

#### **2.5.4.30 Restructure military forces (n\_2501)**

*Long tag:* ucdp\_cid\_dy\_n\_2501

*Original tag:* 4103

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

#### **2.5.4.31 Restructure police forces (n\_2502)**

*Long tag:* ucdp\_cid\_dy\_n\_2502

*Original tag:* 4104

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

#### **2.5.4.32 Disband para-military forces (n\_2503)**

*Long tag:* ucdp\_cid\_dy\_n\_2503

*Original tag:* 4105

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

#### **2.5.4.33 Security sector power-sharing (n\_2504)**

*Long tag:* ucdp\_cid\_dy\_n\_2504

*Original tag:* 4106

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

#### **2.5.4.34 Bureaucratic setup (n\_2601)**

*Long tag:* ucdp\_cid\_dy\_n\_2601

*Original tag:* 4107

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

#### **2.5.4.35 Rule of law (n\_3101)**

*Long tag:* ucdp\_cid\_dy\_n\_3101

*Original tag:* 4108

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

#### **2.5.4.36 Law and order (n\_3102)**

*Long tag:* ucdp\_cid\_dy\_n\_3102

*Original tag:* 4109

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

#### **2.5.4.37 Corruption (n\_3103)**

*Long tag:* ucdp\_cid\_dy\_n\_3103

*Original tag:* 4201

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

#### **2.5.4.38 Foreign policy reform (n\_3104)**

*Long tag:* ucdp\_cid\_dy\_n\_3104

*Original tag:* 4202

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

#### **2.5.4.39 Hold elections (n\_3201)**

*Long tag:* ucdp\_cid\_dy\_n\_3201

*Original tag:* 4205

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue

was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

#### **2.5.4.40 Opposition to elections (n\_3202)**

*Long tag:* ucdp\_cid\_dy\_n\_3202

*Original tag:* 4206

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

#### **2.5.4.41 Electoral reform (n\_3203)**

*Long tag:* ucdp\_cid\_dy\_n\_3203

*Original tag:* 4301

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

#### **2.5.4.42 Electoral fraud (n\_3204)**

*Long tag:* ucdp\_cid\_dy\_n\_3204

*Original tag:* 4302

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

#### **2.5.4.43 Civil rights (n\_4101)**

*Long tag:* ucdp\_cid\_dy\_n\_4101

*Original tag:* 4303

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

#### **2.5.4.44 Restrictions on civil rights (n\_4102)**

*Long tag:* ucdp\_cid\_dy\_n\_4102

*Original tag:* 4304

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

#### **2.5.4.45 Citizenship reforms (n\_4103)**

*Long tag:* ucdp\_cid\_dy\_n\_4103

*Original tag:* 4305

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

#### **2.5.4.46 Human rights (n\_4104)**

*Long tag:* ucdp\_cid\_dy\_n\_4104

*Original tag:* 4306

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

#### **2.5.4.47 Freedom of expression (n\_4105)**

*Long tag:* ucdp\_cid\_dy\_n\_4105

*Original tag:* 4401

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

#### **2.5.4.48 Freedom of association (n\_4106)**

*Long tag:* ucdp\_cid\_dy\_n\_4106

*Original tag:* 4402

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

#### **2.5.4.49 Freedom of movement (n\_4107)**

*Long tag:* ucdp\_cid\_dy\_n\_4107

*Original tag:* 4501

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

#### **2.5.4.50 Recognition as a political party (n\_4108)**

*Long tag:* ucdp\_cid\_dy\_n\_4108

*Original tag:* 4601

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

#### **2.5.4.51 Restrictions on freedom of expression (n\_4109)**

*Long tag:* ucdp\_cid\_dy\_n\_4109

*Original tag:* 4701

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

#### **2.5.4.52 Religious rights (n\_4201)**

*Long tag:* ucdp\_cid\_dy\_n\_4201

*Original tag:* 5101

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

#### **2.5.4.53 Restrictions on religious rights (n\_4202)**

*Long tag:* ucdp\_cid\_dy\_n\_4202

*Original tag:* 5102

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

#### **2.5.4.54 Education system: increase religion (n\_4205)**

*Long tag:* ucdp\_cid\_dy\_n\_4205

*Original tag:* 5103

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

#### **2.5.4.55 Blasphemy (n\_4206)**

*Long tag:* ucdp\_cid\_dy\_n\_4206

*Original tag:* 5104

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

#### **2.5.4.56 Cultural rights (n\_4301)**

*Long tag:* ucdp\_cid\_dy\_n\_4301

*Original tag:* 5201

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue

was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

#### **2.5.4.57 Restrictions on cultural rights (n\_4302)**

*Long tag:* ucdp\_cid\_dy\_n\_4302

*Original tag:* 5202

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

#### **2.5.4.58 Language rights (n\_4303)**

*Long tag:* ucdp\_cid\_dy\_n\_4303

*Original tag:* 5203

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

#### **2.5.4.59 Education system: culture (n\_4304)**

*Long tag:* ucdp\_cid\_dy\_n\_4304

*Original tag:* 5204

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

#### **2.5.4.60 Protection of cultural heritage (n\_4305)**

*Long tag:* ucdp\_cid\_dy\_n\_4305

*Original tag:* 5205

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

#### **2.5.4.61 Destruction of cultural heritage (n\_4306)**

*Long tag:* ucdp\_cid\_dy\_n\_4306

*Original tag:* 6101

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

#### **2.5.4.62 Gender rights (n\_4401)**

*Long tag:* ucdp\_cid\_dy\_n\_4401

*Original tag:* 6102

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

#### **2.5.4.63 Restriction of gender rights (n\_4402)**

*Long tag:* ucdp\_cid\_dy\_n\_4402

*Original tag:* 6103

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

#### **2.5.4.64 Labor rights (n\_4501)**

*Long tag:* ucdp\_cid\_dy\_n\_4501

*Original tag:* 6104

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

#### **2.5.4.65 Children's rights (n\_4601)**

*Long tag:* ucdp\_cid\_dy\_n\_4601

*Original tag:* 6105

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

#### **2.5.4.66 Referendum (n\_4701)**

*Long tag:* ucdp\_cid\_dy\_n\_4701

*Original tag:* 6106

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

#### **2.5.4.67 Change economic system (n\_5101)**

*Long tag:* ucdp\_cid\_dy\_n\_5101

*Original tag:* 6107

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

**2.5.4.68 Economic reforms (n\_5102)**

*Long tag:* ucdp\_cid\_dy\_n\_5102

*Original tag:* 6108

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

**2.5.4.69 Public services (n\_5103)**

*Long tag:* ucdp\_cid\_dy\_n\_5103

*Original tag:* 6109

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

**2.5.4.70 Basic needs (n\_5104)**

*Long tag:* ucdp\_cid\_dy\_n\_5104

*Original tag:* 6110

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

**2.5.4.71 Land reforms (n\_5201)**

*Long tag:* ucdp\_cid\_dy\_n\_5201

*Original tag:* 6111

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

**2.5.4.72 Water resources (n\_5202)**

*Long tag:* ucdp\_cid\_dy\_n\_5202

*Original tag:* 6112

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

**2.5.4.73 Revenues from natural resources (n\_5203)**

*Long tag:* ucdp\_cid\_dy\_n\_5203

*Original tag:* 6201

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue



was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

**2.5.4.74 Protection of natural resources/the environment (n\_5204)**

*Long tag:* ucdp\_cid\_dy\_n\_5204

*Original tag:* 6202

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

**2.5.4.75 Climate change (n\_5205)**

*Long tag:* ucdp\_cid\_dy\_n\_5205

*Original tag:* 6203

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

**2.5.4.76 Increase foreign involvement: Military intervention/foreign forces (n\_6101)**

*Long tag:* ucdp\_cid\_dy\_n\_6101

*Original tag:* 6204

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

**2.5.4.77 Increase foreign involvement: Military support (n\_6102)**

*Long tag:* ucdp\_cid\_dy\_n\_6102

*Original tag:* 6205

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

**2.5.4.78 Increase foreign involvement: Political support (n\_6103)**

*Long tag:* ucdp\_cid\_dy\_n\_6103

*Original tag:* 6206

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

**2.5.4.79 Increase foreign involvement: Financial support (n\_6104)**

*Long tag:* ucdp\_cid\_dy\_n\_6104

*Original tag:* 6207

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

#### **2.5.4.80 Increase foreign involvement: International monitoring (n\_6105)**

*Long tag:* ucdp\_cid\_dy\_n\_6105

*Original tag:* 6208

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

#### **2.5.4.81 Increase foreign involvement: Support from diasporas/foreign fighters (n\_6106)**

*Long tag:* ucdp\_cid\_dy\_n\_6106

*Original tag:* 6209

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

#### **2.5.4.82 Increase foreign involvement: Sanctions (n\_6107)**

*Long tag:* ucdp\_cid\_dy\_n\_6107

*Original tag:* 6210

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

#### **2.5.4.83 Increase foreign involvement: Humanitarian aid (n\_6108)**

*Long tag:* ucdp\_cid\_dy\_n\_6108

*Original tag:* 7101

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

#### **2.5.4.84 Increase foreign involvement: International investigation/court/tribunal (n\_6109)**

*Long tag:* ucdp\_cid\_dy\_n\_6109

*Original tag:* 7201

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

**2.5.4.85 Increase foreign involvement: Foreign mediator (n\_6110)**

*Long tag:* ucdp\_cid\_dy\_n\_6110

*Original tag:* 7202

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

**2.5.4.86 Increase foreign involvement: Recognition (n\_6111)**

*Long tag:* ucdp\_cid\_dy\_n\_6111

*Original tag:* 7203

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

**2.5.4.87 Increase foreign involvement: Use of foreign influence (n\_6112)**

*Long tag:* ucdp\_cid\_dy\_n\_6112

*Original tag:* 7204

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

**2.5.4.88 Decrease foreign involvement: Withdrawal of military intervention/foreign forces (n\_6201)**

*Long tag:* ucdp\_cid\_dy\_n\_6201

*Original tag:* 7301

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

**2.5.4.89 Decrease foreign involvement: Withdrawal of military support (n\_6202)**

*Long tag:* ucdp\_cid\_dy\_n\_6202

*Original tag:* 7302

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

**2.5.4.90 Decrease foreign involvement: Withdrawal of political support (n\_6203)**

*Long tag:* ucdp\_cid\_dy\_n\_6203

*Original tag:* 7303

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue

was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

**2.5.4.91 Decrease foreign involvement: Withdrawal of financial support (n\_6204)**

*Long tag:* ucdp\_cid\_dy\_n\_6204

*Original tag:* 7304

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

**2.5.4.92 Decrease foreign involvement: Withdrawal of international monitoring (n\_6205)**

*Long tag:* ucdp\_cid\_dy\_n\_6205

*Original tag:* 7401

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

**2.5.4.93 Decrease foreign involvement: Withdrawal of sanctions (n\_6206)**

*Long tag:* ucdp\_cid\_dy\_n\_6206

*Original tag:* 7501

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

**2.5.4.94 Decrease foreign involvement: Removal of foreign mediator/facilitator (n\_6207)**

*Long tag:* ucdp\_cid\_dy\_n\_6207

*Original tag:* 8101

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

**2.5.4.95 Decrease foreign involvement: Removal of foreigners (n\_6208)**

*Long tag:* ucdp\_cid\_dy\_n\_6208

*Original tag:* 8102

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

**2.5.4.96 Decrease foreign involvement: Removal of foreign influence (n\_6209)**

*Long tag:* ucdp\_cid\_dy\_n\_6209

*Original tag:* 8201

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

#### **2.5.4.97 Decrease foreign involvement: Withdrawal of humanitarian aid (n\_6210)**

*Long tag:* ucdp\_cid\_dy\_n\_6210

*Original tag:* 9101

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

#### **2.5.4.98 Atrocities and abuses (n\_7101)**

*Long tag:* ucdp\_cid\_dy\_n\_7101

*Original tag:* 9102

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

#### **2.5.4.99 Collective targeting: ethnic (n\_7201)**

*Long tag:* ucdp\_cid\_dy\_n\_7201

*Original tag:* 9103

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

#### **2.5.4.100 Collective targeting: political (n\_7202)**

*Long tag:* ucdp\_cid\_dy\_n\_7202

*Original tag:* 9104

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

#### **2.5.4.101 Collective targeting: religious (n\_7203)**

*Long tag:* ucdp\_cid\_dy\_n\_7203

*Original tag:* 9201

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

**2.5.4.102 Collective targeting: other group (n\_7204)**

*Long tag:* ucdp\_cid\_dy\_n\_7204

*Original tag:* 9202

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

**2.5.4.103 Call for collective targeting: ethnic (n\_7301)**

*Long tag:* ucdp\_cid\_dy\_n\_7301

*Original tag:* 9301

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

**2.5.4.104 Call for collective targeting: political (n\_7302)**

*Long tag:* ucdp\_cid\_dy\_n\_7302

*Original tag:* 9302

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

**2.5.4.105 Call for collective targeting: religious (n\_7303)**

*Long tag:* ucdp\_cid\_dy\_n\_7303

*Original tag:* 9304

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

**2.5.4.106 Call for collective targeting: other group (n\_7304)**

*Long tag:* ucdp\_cid\_dy\_n\_7304

*Original tag:* 9999

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

**2.5.4.107 Military conduct (n\_7401)**

*Long tag:* ucdp\_cid\_dy\_n\_7401

*Original tag:* active\_year

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue

was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

#### **2.5.4.108 Revenge/vengeance (n\_7501)**

*Long tag:* ucdp\_cid\_dy\_n\_7501

*Original tag:* conflict\_id

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

#### **2.5.4.109 Return of refugees/IDPs (n\_8101)**

*Long tag:* ucdp\_cid\_dy\_n\_8101

*Original tag:* dyad\_id

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

#### **2.5.4.110 Non-refoulement of refugees/IDPs (n\_8102)**

*Long tag:* ucdp\_cid\_dy\_n\_8102

*Original tag:* ethnicity\_1

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

#### **2.5.4.111 Release of prisoners (n\_8201)**

*Long tag:* ucdp\_cid\_dy\_n\_8201

*Original tag:* ethnicity\_2

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

#### **2.5.4.112 Call for negotiations (n\_9101)**

*Long tag:* ucdp\_cid\_dy\_n\_9101

*Original tag:* ethnicity\_3

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

#### **2.5.4.113 Opposition to negotiations (n\_9102)**

*Long tag:* ucdp\_cid\_dy\_n\_9102

*Original tag:* ethnicity\_4

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

#### **2.5.4.114 Structure of negotiations (n\_9103)**

*Long tag:* ucdp\_cid\_dy\_n\_9103

*Original tag:* geography\_1

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

#### **2.5.4.115 National dialogue (n\_9104)**

*Long tag:* ucdp\_cid\_dy\_n\_9104

*Original tag:* geography\_2

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

#### **2.5.4.116 Call for ceasefire (n\_9201)**

*Long tag:* ucdp\_cid\_dy\_n\_9201

*Original tag:* geography\_3

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

#### **2.5.4.117 Call for implementation/abiding to ceasefire (n\_9202)**

*Long tag:* ucdp\_cid\_dy\_n\_9202

*Original tag:* geography\_4

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

#### **2.5.4.118 Peace agreement implementation (n\_9301)**

*Long tag:* ucdp\_cid\_dy\_n\_9301

*Original tag:* ideology\_1

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.



#### 2.5.4.119 Opposition to peace agreement (n\_9302)

*Long tag:* ucdp\_cid\_dy\_n\_9302

*Original tag:* ideology\_2

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

#### 2.5.4.120 DDR issues (n\_9304)

*Long tag:* ucdp\_cid\_dy\_n\_9304

*Original tag:* ideology\_3

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

#### 2.5.4.121 No issues (n\_9999)

*Long tag:* ucdp\_cid\_dy\_n\_9999

*Original tag:* ideology\_4

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

Each numeric code signifies a dummy variable where a score of 1 equals that this specific issue was stated in the given year. -99 entails that an issue was actively dropped by a group. The numeric codes each signify a type of stated issue as per the coding scheme below.

### 2.5.5 Version

Version of the dataset.

#### 2.5.5.1 Version of Dataset (version)

*Long tag:* ucdp\_cid\_dy\_version

*Original tag:* version

*Dataset citation:* Brosché & Sundberg (2023)

*Description:*

The version of the dataset. Follows UCDP conventions, where first two digits are year of publication and third digit a number within that year.

## 2.6 UCDP Dyadic Dataset Version 24.1

*Dataset tag:* ucdp\_dyadic

**Output Unit:** UCDP Dyad-Year, i.e., data is collected per dyad and year. That means for each combination of dyad and year there is one row in the dataset. This unit is identified using the dyad\_id column and the year column.

**Description:** A dyad-year version of the UCDP/PRIO Armed Conflict Dataset. A dyad consists of two opposing actors in an armed conflict where at least one party is the government of a state.

**Dataset citation:**

Davies, Shawn, Garoun Engström, Therese Pettersson Magnus Öberg (2024). Organized violence 1989-2023, and the prevalence of organized crime groups. *Journal of Peace Research* 61(4).

Harbom, Lotta, Erik Melander Peter Wallensteen (2008) Dyadic Dimensions of Armed Conflict, 1946-2007. *Journal of Peace Research* 45(5).

***Link to original codebook***

<https://ucdp.uu.se/downloads/dyadic/ucdp-dyadic-241.pdf>

**License:** UCDP offers a web-based system for visualising, handling and downloading data, including ready-made datasets on organized violence and peacemaking. All UCDP data are free of charge.

More detailed information on the dataset can be found at the following web page:  
<https://ucdp.uu.se/downloads/index.html>

### **2.6.1 Identifier Variables**

Variables in this section can be used as a unique key for the dataset.

#### **2.6.1.1 Dyad ID (dyad\_id)**

*Long tag:* ucdp\_dyadic\_dyad\_id

*Original tag:* dyad\_id

*Dataset citation:* Davies et al. (2024)

*Description:*

The unique identifier of the dyad.

#### **2.6.1.2 Conflict ID (conflict\_id)**

*Long tag:* ucdp\_dyadic\_conflict\_id

*Original tag:* conflict\_id

*Dataset citation:* Davies et al. (2024)

*Description:*

The unique identifier of the conflict to which the dyad corresponds, as given in the UCDP/PRIO Armed Conflict Dataset version 24.1

#### **2.6.1.3 Countries Having a Primary Claim to Incompatibility (location)**

*Long tag:* ucdp\_dyadic\_location

*Original tag:* location

*Dataset citation:* Davies et al. (2024)

*Description:*

The name of the country/countries whose government(s) has a primary claim to the incompatibility, Note that this is not necessarily the geographical location of the conflict. If multiple countries are listed, this is comma separated.

Location is defined as the government side in a dyad, and should not be interpreted as the geographical location of the conflict.

- For dyads in intrastate and internationalized intrastate conflicts, only one country name is listed. This is the country whose government is disputed.
- In most interstate conflicts only one dyad, i.e. two states, is active and both these primary parties are listed in the Location filed. Even when several governments are involved in a conflict, these are all included as the same dyad in this version of the dataset. Subsequently, in these few cases all parties are listed in the location filed.
- For dyads in extrasystemic conflicts, Location is set to be the disputed area, not the government of the colonial power. Thus, in these conflicts the Location filed by default does not indicate members of the international system.

#### **2.6.1.4 Name of Territory Concerning Territory Incompatibility (territory\_name)**

*Long tag:* ucdp\_dyadic\_territory\_name

*Original tag:* territory\_name

*Dataset citation:* Davies et al. (2024)

*Description:*

The name of the territory over which the conflict is fought, provided that the incompatibility is over territory.

In case the two sides use different names for the disputed territory, the name listed is the one used by the opposition organization. One reason for this is that this is most often the name that the general public recognizes. Another reason is that there are cases where the disputed territories do not have an official name.

#### **2.6.1.5 Year (year)**

*Long tag:* ucdp\_dyadic\_year

*Original tag:* year

*Dataset citation:* Davies et al. (2024)

*Description:*

The year of observation (1946-2022).

#### **2.6.1.6 GW IDs of Countries Having a Primary Claim to Incompatibility (gwno\_loc)**

*Long tag:* ucdp\_dyadic\_gwno\_loc

*Original tag:* gwno\_loc

*Dataset citation:* Davies et al. (2024)

*Description:*

The Gleditsch and Ward country codes of the incompatibility.  
Comma separated if multiple.

#### **2.6.1.7 Region of the Countries Having a Primary Claim to Incompatibility (region)**

*Long tag:* ucdp\_dyadic\_region

*Original tag:* region

*Dataset citation:* Davies et al. (2024)

*Description:*

The region of the incompatibility:  
1= Europe (GWNo: 200-399)  
2= Middle East (GWNo: 630-699)  
3= Asia (GWNo: 700-999)  
4= Africa (GWNo: 400-626)  
5= Americas (GWNo: 2-199).

### **2.6.2 Conflict Parties**

This section provides variables that allow for linkages between the UCDP Dyadic dataset and all other UCDP datasets. This section also provides with variables to allow you to aggregate/filter/extract data on conflict, dyad or actor.

#### **2.6.2.1 Name of Side A (side\_a)**

*Long tag:* ucdp\_dyadic\_side\_a

*Original tag:* side\_a

*Dataset citation:* Davies et al. (2024)

*Description:*

The name of the country/countries of Side A in a conflict.

Always the government side in intrastate conflicts. Note that this is a primary party to the conflict.

#### **2.6.2.2 Actor ID of Side A (side\_a\_id)**

*Long tag:* ucdp\_dyadic\_side\_a\_id

*Original tag:* side\_a\_id

*Dataset citation:* Davies et al. (2024)

*Description:*

The unique identifier of the actor on side A.

Note that in contrast with older versions of UCDP datasets, this variable is NO LONGER the Gleditsch and Ward state identifier (GWcode or GWNo). Use the gwno\_a variable instead.

#### **2.6.2.3 Secondary Warring Parties on Side A (side\_a\_2nd)**

*Long tag:* ucdp\_dyadic\_side\_a\_2nd

*Original tag:* side\_a\_2nd

*Dataset citation:* Davies et al. (2024)

*Description:*

side\_a\_2nd lists all states that enter a conflict dyad with troops to actively support side A. By definition, only independent states can be a secondary party in conflict.

A secondary warring party on side A shares the position in the incompatibility with Side A in the conflict. Side\_a\_2nd does not need to meet the 25 battle-related deaths criterion to be included in the dataset; an active troop participation is enough.

Comma separated if multiple.

#### **2.6.2.4 Name of Side B (side\_b)**

*Long tag:* ucdp\_dyadic\_side\_b

*Original tag:* side\_b

*Dataset citation:* Davies et al. (2024)

*Description:*

Identifying the opposition actor or country of side B in the dyad. In an intrastate conflict, this includes a military opposition organization. Note that this is a primary party to the conflict.

#### **2.6.2.5 Actor ID of Side B (side\_b\_id)**

*Long tag:* ucdp\_dyadic\_side\_b\_id

*Original tag:* side\_b\_id

*Dataset citation:* Davies et al. (2024)

*Description:*

The unique identifier of the actor on side B in the dyad.

Note that in contrast with older versions of UCDP datasets, this variable is NO LONGER the Gleditsch and Ward state identifier (GWcode or GWNo) if the conflict is interstate and Side B represents a country. Use the gwno\_b variable instead.

#### **2.6.2.6 Secondary Warring Parties on Side B (side\_b\_2nd)**

*Long tag:* ucdp\_dyadic\_side\_b\_2nd

*Original tag:* side\_b\_2nd

*Dataset citation:* Davies et al. (2024)

*Description:*

side\_b\_2nd lists all states that enter a conflict dyad with troops to actively support side B.

By definition, only independent states can be a secondary party in conflict.

A secondary warring party on side B shares the position in the incompatibility with Side B in the conflict.

Side\_b\_2nd does not need to meet the 25 battle-related deaths criterion to be included in the dataset; an active troop participation is enough.

Comma separated if multiple.

#### **2.6.2.7 Country GW ID for Side A (gwno\_a)**

*Long tag:* ucdp\_dyadic\_gwno\_a

*Original tag:* gwno\_a

*Dataset citation:* Davies et al. (2024)

*Description:*

The Gleditsch and Ward country codes of side\_a.

Comma separated if multiple.

#### **2.6.2.8 Country GW ID for Secondary Warring Parties on Side A (gwno\_a\_2nd)**

*Long tag:* ucdp\_dyadic\_gwno\_a\_2nd

*Original tag:* gwno\_a\_2nd

*Dataset citation:* Davies et al. (2024)

*Description:*

The Gleditsch and Ward country codes of side\_a\_2nd.

Comma separated if multiple.

#### **2.6.2.9 Country GW ID for Side B (gwno\_b)**

*Long tag:* ucdp\_dyadic\_gwno\_b

*Original tag:* gwno\_b

*Dataset citation:* Davies et al. (2024)

*Description:*

The Gleditsch and Ward country codes of side\_b.

Comma separated if multiple.

#### **2.6.2.10 Country GW ID for Secondary Warring Parties on Side B (gwno\_b\_2nd)**

*Long tag:* ucdp\_dyadic\_gwno\_b\_2nd

*Original tag:* gwno\_b\_2nd

*Dataset citation:* Davies et al. (2024)

*Description:*

The Gleditsch and Ward country codes of side\_b\_2nd.

Comma separated if multiple.

### **2.6.3 Incompatibility**

These variables indicate the cause(s) of the conflict, i.e. the stated (in writing or verbally) generally incompatible positions.

#### **2.6.3.1 Incompatibility (incompatibility)**

*Long tag:* ucdp\_dyadic\_incompatibility

*Original tag:* incompatibility

*Dataset citation:* Davies et al. (2024)

*Description:*

The main conflict issue identified per the UCDP definitions, as applied to the dyad:

- 1= Incompatibility about territory
- 2= Incompatibility about government
- 3= Incompatibility about government AND territory

Note that the incompatibility expressed in terms of government or a specific territory is crude in the sense that possible underlying incompatibilities are not considered. In other words, the stated incompatibility is what the parties are (or claim to be) fighting over, but it says nothing about why the parties are fighting. While a state can only experience one intrastate conflict over government in a given year, that same state can simultaneously be a primary party to one or more interstate conflicts over government and/or territory. In the case of intrastate territorial conflicts, multiple conflicts can be recorded over different territories in a state in a given year. Furthermore, as each conflict can involve more than one dyad, the state can simultaneously be involved in several dyads in extrasystemic- as well as intrastate conflicts.

### 2.6.3.2 Intensity Level (*intensity\_level*)

*Long tag:* `ucdp_dyadic_intensity_level`

*Original tag:* `intensity_level`

*Dataset citation:* Davies et al. (2024)

*Description:*

The intensity level in the dyad per calendar year. The intensity variable is coded in two categories:

1. Minor: between 25 and 999 battle-related deaths in a given year.
2. War: at least 1,000 battle-related deaths in a given year.

### 2.6.3.3 Type of Conflict (*type\_of\_conflict*)

*Long tag:* `ucdp_dyadic_type_of_conflict`

*Original tag:* `type_of_conflict`

*Dataset citation:* Davies et al. (2024)

*Description:*

One of the following four types of conflict that the dyad is active in:

- 1 = extrasystemic (between a state and a non-state group outside its own territory, where the government side is fighting to retain control of a territory outside the state system).
- 2 = interstate (both sides are states in the Gleditsch and Ward membership system).
- 3 = intrastate (side A is always a government; side B is always a rebel group; there is no involvement of foreign governments with troops, i.e. there is no `side_a_2nd` or `side_b_2nd` coded).
- 4 = internationalized intrastate (side A is always a government; side B is always a rebel group; there is involvement of foreign governments with troops, i.e. there is at least ONE `side_a_2nd` or `side_b_2nd` coded).

## 2.6.4 Timely Dimension

These variables provide information on the timely dimension of the conflict.

### 2.6.4.1 Date of First Battle-related Death in Dyad (*start\_date*)

*Long tag:* `ucdp_dyadic_start_date`

*Original tag:* `start_date`

*Dataset citation:* Davies et al. (2024)

*Description:*

The date, as precise as possible, of the first battle-related death in the dyad.

The date is set after the dyad fulfils all criteria required in the definition of an armed conflict, except for the number of deaths.

#### 2.6.4.2 Temporal Precision of Date of First Battle-Related Death in Dyad (start\_prec)

*Long tag:* ucdp\_dyadic\_start\_prec

*Original tag:* start\_prec

*Dataset citation:* Davies et al. (2024)

*Description:*

The level of precision for the initial start date.

The start\_date is coded as precisely as possible. For certain dyads we can pinpoint the start of the armed conflict down to a single event, taking place on a specific day. For other dyads, this is not possible, due to lack of precise information. The start\_prec (start precision) is coded to highlight the level of certainty for the date set in the start\_date variable.

1. Day, month and year are precisely coded; we have good information on the event.
2. Day is assigned; month and year are precisely coded. The assigned date can either be one of several events that can be classified as the first; it can be the last day in a period when several fatalities have been reported jointly or it can be an event that different sources claim occurred on different dates.
3. Day is unknown; month (or a period of 30 days, not necessarily a calendar month) and year are precisely coded. The day is known to be in a given month or 30 day-period, but we are missing information on an exact date. Day is then set to the last day of the period.
4. Month is assigned; year is coded precisely.
5. Day and month are unknown, year is coded precisely. Day and month are set as precisely as possible. For example, if an event is known to have taken place sometime between January and August, the date is coded as 31 August of the coded year, with a precision of 5.
6. Year is assigned. There is a wide disagreement between different sources, so that not even year can be coded precisely. The start year is assigned based on subjective judgment. Day and month are set as precisely as possible. For example, if an event is known to have taken place sometime between January and August in an assigned year, the date is coded as 31 August, with a precision of 6.
7. Year is missing. No reliable information on the start year is available. Day and month are set as precisely as possible for the first year of recorded activity. For example, if an event is known to have taken place sometime between January and August in an assigned year, the date is coded as 31 August, with a precision of 7.

#### 2.6.4.3 Date of Fatalities Exceeding 25 in Dyad (start\_date2)

*Long tag:* ucdp\_dyadic\_start\_date2

*Original tag:* start\_date2

*Dataset citation:* Davies et al. (2024)

*Description:*

The date, as precise as possible, when fighting in the dyad in a given episode of conflict activity reached 25 battle-related deaths in a year. Thus, for each episode of a conflict dyad, a new start\_date2 is coded. In case precise information is lacking, start\_date2 is by default set to 31 December.

An episode is defined as continuous conflict activity. Consequently, a new episode is coded whenever a dyad restarts after one or more year(s) of inactivity.

Note: If the dyad was active (i.e. fulfilled all inclusion criteria) before 1946, start\_date2 is set to 1 January of 1946 and start\_prec2 is given the precision score 7.

#### 2.6.4.4 Temporal Precision of Date of Fatalities Exceeding 25 in Dyad (start\_prec2)

*Long tag:* ucdp\_dyadic\_start\_prec2

*Original tag:* start\_prec2

*Dataset citation:* Davies et al. (2024)

*Description:*

The level of precision for startdate2.

1. Day, month and year are precisely coded; we have good information on the event.
2. Day is assigned; month and year are precisely coded. The assigned date can either be one of

several events that can be classified as the first; it can be the last day in a period when several fatalities have been reported jointly or it can be an event that different sources claim occurred on different dates.

3. Day is unknown; month (or a period of 30 days, not necessarily a calendar month) and year are precisely coded. The day is known to be in a given month or 30 day-period, but we are missing information on an exact date. Day is then set to the last day of the period.

4. Month is assigned; year is coded precisely.

5. Day and month are unknown, year is coded precisely. Day and month are set as precisely as possible. For example, if an event is known to have taken place sometime between January and August, the date is coded as 31 August of the coded year, with a precision of 5.

6. Year is assigned. There is a wide disagreement between different sources, so that not even year can be coded precisely. The start year is assigned based on subjective judgment. Day and month are set as precisely as possible. For example, if an event is known to have taken place sometime between January and August in an assigned year, the date is coded as 31 August, with a precision of 6.

7. Year is missing. No reliable information on the start year is available. Day and month are set as precisely as possible for the first year of recorded activity. For example, if an event is known to have taken place sometime between January and August in an assigned year, the date is coded as 31 August, with a precision of 7.

Note: If the dyad was active (i.e. fulfilled all inclusion criteria) before 1946, `start_date2` is set to 1 January of 1946 and `start_prec2` is given the precision score 7.

### 2.6.5 Dataset Version

The version of the dataset.

#### 2.6.5.1 Dataset Version (version)

*Long tag:* `ucdp_dyadic_version`

*Original tag:* `version`

*Dataset citation:* Davies et al. (2024)

*Description:*

The version of the dataset: 24.1

## 2.7 UCDP External Support Dataset - Actor Year

*Dataset tag:* `ucdp_esd_ay`

**Output Unit:** UCDP Actor-Dyad-Year, i.e., data is collected per actor, dyad and year. The dataset thus contains one observation (row) for each actor per dyad-year. The columns forming the unit are `actor_id`, `dyad_id` and `year`. The unit can also be expressed using the columns `actor_name`, `dyad_name` and `year`.

**Description:** The UCDP ESD is a dataset providing information on the existence, type, and provider of external support for all warring parties (actors) coded as active in UCDP data, on an annual basis, between 1975 and 2017. The ESD builds on the UCDP Dyadic Dataset 18.1 derived from the UCDP/PRIO Armed Conflict Dataset 18.1 but goes beyond the dyad-level and offers the warring party-opponent-year (actor-year) as well as the warring-party-supporter-opponent-year (or triad-year) as units of analysis in addition to the dyad-year.

The actor-year dataset (ESD AY) contains all support a recipient receives in a given dyad-year. If more than one external supporter provides external support, the external support is combined and presented as aggregate measures. It thus contains one observation (row) for each actor per dyad-year. This version is appropriate where the focus rests on the recipients of external support regardless of which external supporters provide the support.

**Dataset citation:**

Meier, Vanessa, Niklas Karlén, Therése Pettersson Mihai Croicu (2022). External Support in Armed Conflicts. Introducing the UCDP External Support Dataset (ESD), 1975-2017. *Journal of*



Peace Research. Online First.

***Link to original codebook***

<https://ucdp.uu.se/downloads/extsup/ESD/ucdp-esd-181.pdf>

***License:*** UCDP offers a web-based system for visualising, handling and downloading data, including ready-made datasets on organized violence and peacemaking. All UCDP data are free of charge.

More detailed information on the dataset can be found at the following web page:  
<https://ucdp.uu.se/downloads/index.html#externalsupportns>

### **2.7.1 Identifier Variables**

Variables in this section identify and specify observations in the dataset.

#### **2.7.1.1 ID of Entry in UCDP External Support Dataset Version 18.1 (id)**

*Long tag:* ucdp\_esd\_ay\_id

*Original tag:* id

*Dataset citation:* Meier et al. (2022)

*Description:*

A unique identifier for each entry in the dataset.

#### **2.7.1.2 Activeness of Dyad-Year (active)**

*Long tag:* ucdp\_esd\_ay\_active

*Original tag:* active

*Dataset citation:* Meier et al. (2022)

*Description:*

Variable identifying all dyad-years active in the UCDP External Support Dataset 18.1.

(0) Inactive dyad-year

(1) Active dyad-year

#### **2.7.1.3 Year (year)**

*Long tag:* ucdp\_esd\_ay\_year

*Original tag:* year

*Dataset citation:* Meier et al. (2022)

*Description:*

The year of observation (1975-2017).

#### **2.7.1.4 ID of Actor Potentially Receiving External Support (actor\_id)**

*Long tag:* ucdp\_esd\_ay\_actor\_id

*Original tag:* actor\_id

*Dataset citation:* Meier et al. (2022)

*Description:*

The unique identifier of the potential support recipient (government or opposition actor). Note that this is a primary party to the conflict.

This variable does not correspond to the variable side\_a\_id in the UCDP Dyadic dataset since it includes observations on government and opposition actors.

#### **2.7.1.5 Name of Actor Potentially Receiving External Support (actor\_name)**

*Long tag:* ucdp\_esd\_ay\_actor\_name

*Original tag:* actor\_name

*Dataset citation:* Meier et al. (2022)

*Description:*

The name of the potential support recipient (government or opposition actor). Note that this is a primary party to the conflict.

This variable does not correspond to the variable `side_a` in the UCDP Dyadic dataset since it includes observations on government and opposition actors.

#### **2.7.1.6 External Support Receiving Actor Being a Non-state Actor (`actor_nonstate`)**

*Long tag:* `ucdp_esd_ay_actor_nonstate`

*Original tag:* `actor_nonstate`

*Dataset citation:* Meier et al. (2022)

*Description:*

Variable identifying all observations where the potential support recipient is a non-state actor.

(0) State recipient

(1) Non-state recipient

#### **2.7.1.7 ID of Opponent of Actor Potentially Receiving External Support (`oppo_id`)**

*Long tag:* `ucdp_esd_ay_oppo_id`

*Original tag:* `oppo_id`

*Dataset citation:* Meier et al. (2022)

*Description:*

The unique identifier of the opponent (government or opposition actor) involved in an active armed conflict with the potential support recipient. Note that this is a primary party to the conflict.

This variable does not correspond to the variable `side_b_id` in the UCDP Dyadic dataset since it includes observations on government and opposition actors.

#### **2.7.1.8 Name of Opponent of Actor Potentially Receiving External Support (`oppo_name`)**

*Long tag:* `ucdp_esd_ay_oppo_name`

*Original tag:* `oppo_name`

*Dataset citation:* Meier et al. (2022)

*Description:*

The name of the opponent (government or opposition actor) involved in an active armed conflict with the potential support recipient. Note that this is a primary party to the conflict.

This variable does not correspond to the variable `side_b` in the UCDP Dyadic dataset since it includes observations on government and opposition actors.

#### **2.7.1.9 ID of Dyad (`dyad_id`)**

*Long tag:* `ucdp_esd_ay_dyad_id`

*Original tag:* `dyad_id`

*Dataset citation:* Meier et al. (2022)

*Description:*

The unique identifier of the dyad as given in the UCDP Dyadic Dataset 18.1.

#### **2.7.1.10 Name of Dyad (`dyad_name`)**

*Long tag:* `ucdp_esd_ay_dyad_name`

*Original tag:* `dyad_name`

*Dataset citation:* Meier et al. (2022)

*Description:*

The name of the dyad.

#### **2.7.1.11 One of the Primary Warring Parties Potentially Receiving External Support Being a Non-state Actor (civil)**

*Long tag:* ucdp\_esd\_ay\_civil

*Original tag:* civil

*Dataset citation:* Meier et al. (2022)

*Description:*

Variable identifying all dyad-years in which one of the primary warring parties is a non-state actor (intrastate conflict).  
(0) Interstate conflict  
(1) Intrastate conflict

#### **2.7.1.12 Conflict ID (conflict\_id)**

*Long tag:* ucdp\_esd\_ay\_conflict\_id

*Original tag:* conflict\_id

*Dataset citation:* Meier et al. (2022)

*Description:*

The unique identifier of the conflict to which the dyad belongs as given in the UCDP/PRIO Armed Conflict Dataset 18.1.

#### **2.7.1.13 ID of Country Having a Primary Claim to Incompatibility (location)**

*Long tag:* ucdp\_esd\_ay\_location

*Original tag:* location

*Dataset citation:* Meier et al. (2022)

*Description:*

The name of the country/countries whose government(s) has a primary claim to the incompatibility as given in the UCDP Dyadic 18.1. Note that this is not necessarily the geographical location of the conflict. If multiple countries are listed, this is comma-separated.

#### **2.7.1.14 Name of Country for Side A (country\_a)**

*Long tag:* ucdp\_esd\_ay\_country\_a

*Original tag:* country\_a

*Dataset citation:* Meier et al. (2022)

*Description:*

In intrastate conflicts, the name of the conflict-country. In interstate conflicts, the name of one of the primary warring parties.

#### **2.7.1.15 Name of Country for Side B (country\_b)**

*Long tag:* ucdp\_esd\_ay\_country\_b

*Original tag:* country\_b

*Dataset citation:* Meier et al. (2022)

*Description:*

In interstate conflicts, the name of one of the primary warring parties. Empty in intrastate conflicts.

### **2.7.2 External Support**

Variables in this section identify for instance the type and amount of external support provided and whether support was provided by state or non-state actors. External support is defined as the provision of militarily relevant assistance by an outside party to a primary warring party in a state-based armed conflict with the intent to assist that party in that conflict. . The separate elements of the definition are operationalized as follows: (1) Militarily relevant assistance: materiel, knowledge, or services with a direct role in the pursuit of armed conflict. (2) Outside party: any state or organised

armed group listed in the UCDP Actor Dataset that is not a primary warring party in the conflict in a given year including in a different conflict-dyad. (3) Primary warring party: a government of a state or any opposition organisation or alliance of organisations that uses armed force to promote its position in the incompatibility in an intrastate or an interstate armed conflict. (4) Intent to assist: the support is provided deliberately and with the clear (long-term) goal of facilitating military victory of the support recipient over the opponent the recipient shares an incompatibility with. (5) State-based armed conflict: a contested incompatibility that concerns government and/or territory where the use of armed force between two parties, of which at least one is the government of a state, results in at least 25 battle-related deaths in one calendar year.

### 2.7.2.1 Country GW ID for Side A (gwno\_a)

*Long tag:* ucdp\_esd\_ay\_gwno\_a

*Original tag:* gwno\_a

*Dataset citation:* Meier et al. (2022)

*Description:*

In intrastate conflicts, the Gleditsch and Ward country code of the conflict-country. In interstate conflicts, the Gleditsch and Ward country code of one of the primary warring parties.

### 2.7.2.2 Country GW ID for Side B (gwno\_b)

*Long tag:* ucdp\_esd\_ay\_gwno\_b

*Original tag:* gwno\_b

*Dataset citation:* Meier et al. (2022)

*Description:*

In interstate conflicts, the Gleditsch and Ward country code of one of the primary warring parties. Empty in intrastate conflicts.

### 2.7.2.3 Actor ID of External Supporter (ext\_id)

*Long tag:* ucdp\_esd\_ay\_ext\_id

*Original tag:* ext\_id

*Dataset citation:* Meier et al. (2022)

*Description:*

The unique identifier of the external supporter (government or opposition actor). Comma-separated if multiple.

The external supporter is an outside party providing external support. The ESD only considers foreign governments and organised armed groups listed in the UCDP Actor List as potential external supporters. Support by international organisations or coalitions of states is disaggregated and attributed to the contributing countries. Support is considered external if it originates from an outside party that is not a primary warring party to the conflict including in a different conflict-dyad in the same conflict in a given year. For state support, this includes all foreign governments that do not share an incompatibility with one of the warring parties in the conflict. For non-state support, this includes all organised armed groups that do not share an incompatibility with the government side in the conflict in the same year, although they might be physically present in the same territory. Outside parties providing support to an external supporter, e.g. granting access to bases to an external supporter or financing a coalition providing external support, do not enter the dataset. Support from diaspora groups, lobby groups, private businesses, religious institutions, criminal networks, charities, and individuals is not included.

### 2.7.2.4 Name of External Supporter (ext\_name)

*Long tag:* ucdp\_esd\_ay\_ext\_name

*Original tag:* ext\_name

*Dataset citation:* Meier et al. (2022)

*Description:*

The name of the external supporter (government or opposition actor). Comma-separated if multiple.

The external supporter is an outside party providing external support. The ESD only considers foreign governments and organised armed groups listed in the UCDP Actor List as potential external supporters. Support by international organisations or coalitions of states is disaggregated and attributed to the contributing countries. Support is considered external if it originates from an outside party that is not a primary warring party to the conflict including in a different conflict-dyad in the same conflict in a given year. For state support, this includes all foreign governments that do not share an incompatibility with one of the warring parties in the conflict. For non-state support, this includes all organised armed groups that do not share an incompatibility with the government side in the conflict in the same year, although they might be physically present in the same territory. Outside parties providing support to an external supporter, e.g. granting access to bases to an external supporter or financing a coalition providing external support, do not enter the dataset. Support from diaspora groups, lobby groups, private businesses, religious institutions, criminal networks, charities, and individuals is not included.

**2.7.2.5 External Supporter Being Non-state Actor (ext\_nonstate)**

*Long tag:* ucdp\_esd\_ay\_ext\_nonstate

*Original tag:* ext\_nonstate

*Dataset citation:* Meier et al. (2022)

*Description:*

Variable identifying all observations in which at least one of the external supporters is a non-state actor.

(0) State supporters only

(1) Non-state supporter

**2.7.2.6 External Supporter Being Part of a Coalition (ext\_coalition)**

*Long tag:* ucdp\_esd\_ay\_ext\_coalition

*Original tag:* ext\_coalition

*Dataset citation:* Meier et al. (2022)

*Description:*

Variable identifying all observations in which external support is provided as part of a coalition effort.

(0) Bilateral support

(1) Coalition support

External support is considered part of a coalition effort if three or more states formally agree to coordinate their efforts and to provide assistance to the same warring party or multiple warring parties jointly. This can take on the shape of an ad hoc coalition with a conflict-related purpose or operations run by established multilateral organisations such as the United Nations, the North Atlantic Treaty Organization or regional organisations. Over the observation period, 20 such coalitions formed. Contributing countries are listed separately but contain the same coalition name in the coalition variable. Alliances between non-state actors also exist, but do not appear in the coalition variable. Support provided by an international organisation directly and not administered through contributing countries is not included.

**2.7.2.7 Name of External Supporter's Coalition (ext\_coalition\_name)**

*Long tag:* ucdp\_esd\_ay\_ext\_coalition\_name

*Original tag:* ext\_coalition\_name

*Dataset citation:* Meier et al. (2022)

*Description:*

The name of the coalition.

**2.7.2.8 External Support Being Provided by Substate Actor (ext\_elements)**

*Long tag:* ucdp\_esd\_ay\_ext\_elements

*Original tag:* ext\_elements

*Dataset citation:* Meier et al. (2022)

*Description:*

Variable identifying all observations in which external support is provided by a substate actor.  
(0) No substate support  
(1) Support provided by substate actor

**2.7.2.9 External Supporter Providing Support to Both Primary Warring Parties (ext\_bothsides)**

*Long tag:* ucdp\_esd\_ay\_ext\_bothsides

*Original tag:* ext\_bothsides

*Dataset citation:* Meier et al. (2022)

*Description:*

Variable identifying all observations in which an external supporter provides support to both primary warring parties in a conflict-dyad.  
(0) Support to one side  
(1) Support to both sides

External support is considered to be provided to both sides when the same external supporter provides assistance to both primary warring parties in a conflict-dyad in the same year. This is sometimes the case when external supporters switch sides within a calendar year or when opposition actors replace the government and become the government side, turning the ousted government into the opposition actor. In rare cases, the leadership of an external supporter provides assistance to one side in a conflict while a substate actor supports the opposition. The variable allows to easily identify these cases so that they can be handled in a manner appropriate to the research interest.

**2.7.2.10 Existence of External Supporter (ext\_sup)**

*Long tag:* ucdp\_esd\_ay\_ext\_sup

*Original tag:* ext\_sup

*Dataset citation:* Meier et al. (2022)

*Description:*

Variable identifying all observations in which external support was provided by any supporter.  
(0) No external support  
(1) External support

External support needs to be intentional, direct, and aimed at enhancing military capabilities. It thus excludes cases where support is provided unintentionally, e.g. because of state weakness, such as porous borders or indirectly, e.g. measures that effectively weaken a warring party but are not designed to support the opposing side, such as sanctions. Advocacy in front of international bodies, offers to mediate, humanitarian assistance, and diplomatic support are not considered external support in this context as they do not constitute the provision of resources with a direct role in the pursuit of armed conflict and/or with the clear intent to facilitate (military) victory of one side over the other. If any of the types of external support is present, the overall measure for external support is set to 1, indicating external support in a given year. References to external support without specified supporter or recipient are not included.

**2.7.2.11 Existence of At Least One External State Supporter (ext\_sup\_s)**

*Long tag:* ucdp\_esd\_ay\_ext\_sup\_s

*Original tag:* ext\_sup\_s

*Dataset citation:* Meier et al. (2022)

*Description:*

Variable identifying all observations in which external support was provided by at least one state supporter.

(0) No external support

(1) External support

**2.7.2.12 Existence of At Least One External Non-state Supporter (ext\_sup\_ns)**

*Long tag:* ucdp\_esd\_ay\_ext\_sup\_ns

*Original tag:* ext\_sup\_ns

*Dataset citation:* Meier et al. (2022)

*Description:*

Variable identifying all observations in which external support was provided by at least one non-state supporter.

(0) No external support

(1) External support

**2.7.2.13 Number of All External Supporters (ext\_count)**

*Long tag:* ucdp\_esd\_ay\_ext\_count

*Original tag:* ext\_count

*Dataset citation:* Meier et al. (2022)

*Description:*

Count of the number of all external supporters that provide any type of external support.

**2.7.2.14 Number of External State Supporters (ext\_count\_s)**

*Long tag:* ucdp\_esd\_ay\_ext\_count\_s

*Original tag:* ext\_count\_s

*Dataset citation:* Meier et al. (2022)

*Description:*

Count of the number of external state supporters that provide any type of external support.

**2.7.2.15 Number of External Non-state Supporters (ext\_count\_ns)**

*Long tag:* ucdp\_esd\_ay\_ext\_count\_ns

*Original tag:* ext\_count\_ns

*Dataset citation:* Meier et al. (2022)

*Description:*

Count of the number of external non-state supporters that provide any type of external support.

**2.7.2.16 Existence of Troop Support (ext\_x)**

*Long tag:* ucdp\_esd\_ay\_ext\_x

*Original tag:* ext\_x

*Dataset citation:* Meier et al. (2022)

*Description:*

Variable identifying all observations in which troop support was provided (1) by any supporter.

**2.7.2.17 Existence of Troop Support by At Least One State Supporter (ext\_x\_s)**

*Long tag:* ucdp\_esd\_ay\_ext\_x\_s

*Original tag:* ext\_x\_s

*Dataset citation:* Meier et al. (2022)

*Description:*

Variable identifying all observations in which troop support was provided (1) by at least one state supporter.

#### **2.7.2.18 Existence of Troop Support by At Least One Non-state Supporter (ext\_x\_ns)**

*Long tag:* ucdp\_esd\_ay\_ext\_x\_ns

*Original tag:* ext\_x\_ns

*Dataset citation:* Meier et al. (2022)

*Description:*

Variable identifying all observations in which troop support was provided (1) by at least one non-state supporter.

#### **2.7.2.19 Number of All External Supporters Providing Troop Support (ext\_x\_count)**

*Long tag:* ucdp\_esd\_ay\_ext\_x\_count

*Original tag:* ext\_x\_count

*Dataset citation:* Meier et al. (2022)

*Description:*

Count of the number of all external supporters providing troop support.

#### **2.7.2.20 Number of External State Supporters Providing Troop Support (ext\_x\_count\_s)**

*Long tag:* ucdp\_esd\_ay\_ext\_x\_count\_s

*Original tag:* ext\_x\_count\_s

*Dataset citation:* Meier et al. (2022)

*Description:*

Count of the number of all external state supporters providing troop support.

#### **2.7.2.21 Number of External Non-state Supporters Providing Troop Support (ext\_x\_count\_ns)**

*Long tag:* ucdp\_esd\_ay\_ext\_x\_count\_ns

*Original tag:* ext\_x\_count\_ns

*Dataset citation:* Meier et al. (2022)

*Description:*

Count of the number of all external non-state supporters providing troop support.

#### **2.7.2.22 Existence of Foreign Troop Presence Support (ext\_p)**

*Long tag:* ucdp\_esd\_ay\_ext\_p

*Original tag:* ext\_p

*Dataset citation:* Meier et al. (2022)

*Description:*

Variable identifying all observations in which foreign troop presence support was provided (1) by any supporter.

#### **2.7.2.23 Existence of Foreign Troop Presence Support by At Least One State Supporter (ext\_p\_s)**

*Long tag:* ucdp\_esd\_ay\_ext\_p\_s

*Original tag:* ext\_p\_s

*Dataset citation:* Meier et al. (2022)



*Description:*

Variable identifying all observations in which foreign troop presence support was provided (1) by at least one state supporter.

**2.7.2.24 Existence of Foreign Troop Presence Support by At Least One Non-state Supporter (ext\_p\_ns)**

*Long tag:* ucdp\_esd\_ay\_ext\_p\_ns

*Original tag:* ext\_p\_ns

*Dataset citation:* Meier et al. (2022)

*Description:*

Variable identifying all observations in which foreign troop presence support was provided (1) by at least one non-state supporter.

**2.7.2.25 Number of All External Supporters Providing Foreign Troop Presence Support (ext\_p\_count)**

*Long tag:* ucdp\_esd\_ay\_ext\_p\_count

*Original tag:* ext\_p\_count

*Dataset citation:* Meier et al. (2022)

*Description:*

Count of the number of all external supporters providing foreign troop presence support.

**2.7.2.26 Number of External State Supporters Providing Foreign Troop Presence Support (ext\_p\_count\_s)**

*Long tag:* ucdp\_esd\_ay\_ext\_p\_count\_s

*Original tag:* ext\_p\_count\_s

*Dataset citation:* Meier et al. (2022)

*Description:*

Count of the number of all external state supporters providing foreign troop presence support.

**2.7.2.27 Number of External Non-state Supporters Providing Foreign Troop Presence Support (ext\_p\_count\_ns)**

*Long tag:* ucdp\_esd\_ay\_ext\_p\_count\_ns

*Original tag:* ext\_p\_count\_ns

*Dataset citation:* Meier et al. (2022)

*Description:*

Count of the number of all external non-state supporters providing foreign troop presence support.

**2.7.2.28 Existence of Access to Infrastructure/Joint Operations Support (ext\_y)**

*Long tag:* ucdp\_esd\_ay\_ext\_y

*Original tag:* ext\_y

*Dataset citation:* Meier et al. (2022)

*Description:*

Variable identifying all observations in which access to infrastructure/joint operations support was provided (1) by any supporter.

**2.7.2.29 Existence of Infrastructure/Joint Operations Support by At Least One State Supporter (ext\_y\_s)**

*Long tag:* ucdp\_esd\_ay\_ext\_y\_s

*Original tag:* ext\_y\_s

*Dataset citation:* Meier et al. (2022)

*Description:*

Variable identifying all observations in which access to infrastructure/joint operations support was provided (1) by at least one state supporter.

**2.7.2.30 Existence of Infrastructure/Joint Operations Support by At Least One Non-state Supporter (ext\_y\_ns)**

*Long tag:* ucdp\_esd\_ay\_ext\_y\_ns

*Original tag:* ext\_y\_ns

*Dataset citation:* Meier et al. (2022)

*Description:*

Variable identifying all observations in which access to infrastructure/joint operations support was provided (1) by at least one non-state supporter.

**2.7.2.31 Number of All External Supporters Providing Infrastructure/Joint Operations Support (ext\_y\_count)**

*Long tag:* ucdp\_esd\_ay\_ext\_y\_count

*Original tag:* ext\_y\_count

*Dataset citation:* Meier et al. (2022)

*Description:*

Count of the number of all external supporters providing access to infrastructure/joint operations support.

**2.7.2.32 Number of External State Supporters Providing Infrastructure/Joint Operations Support (ext\_y\_count\_s)**

*Long tag:* ucdp\_esd\_ay\_ext\_y\_count\_s

*Original tag:* ext\_y\_count\_s

*Dataset citation:* Meier et al. (2022)

*Description:*

Count of the number of all external state supporters providing access to infrastructure/joint operations support.

**2.7.2.33 Number of External Non-state Supporters Providing Infrastructure/Joint Operations Support (ext\_y\_count\_ns)**

*Long tag:* ucdp\_esd\_ay\_ext\_y\_count\_ns

*Original tag:* ext\_y\_count\_ns

*Dataset citation:* Meier et al. (2022)

*Description:*

Count of the number of all external non-state supporters providing access to infrastructure/joint operations support.

**2.7.2.34 Existence of Weapons Support (ext\_w)**

*Long tag:* ucdp\_esd\_ay\_ext\_w

*Original tag:* ext\_w

*Dataset citation:* Meier et al. (2022)

*Description:*

Variable identifying all observations in which weapons support was provided (1) by any supporter.

**2.7.2.35 Existence of Weapons Support by At Least One State Supporter (ext\_w\_s)**

*Long tag:* ucdp\_esd\_ay\_ext\_w\_s

*Original tag:* ext\_w\_s

*Dataset citation:* Meier et al. (2022)

*Description:*

Variable identifying all observations in which weapons support was provided (1) by at least one state supporter.

**2.7.2.36 Existence of Weapons Support by At Least One Non-state Supporter (ext\_w\_ns)**

*Long tag:* ucdp\_esd\_ay\_ext\_w\_ns

*Original tag:* ext\_w\_ns

*Dataset citation:* Meier et al. (2022)

*Description:*

Variable identifying all observations in which weapons support was provided (1) by at least one non-state supporter.

**2.7.2.37 Number of All External Supporters Providing Weapons Support (ext\_w\_count)**

*Long tag:* ucdp\_esd\_ay\_ext\_w\_count

*Original tag:* ext\_w\_count

*Dataset citation:* Meier et al. (2022)

*Description:*

Count of the number of all external supporters providing weapons support.

**2.7.2.38 Number of External State Supporters Providing Weapons Support (ext\_w\_count\_s)**

*Long tag:* ucdp\_esd\_ay\_ext\_w\_count\_s

*Original tag:* ext\_w\_count\_s

*Dataset citation:* Meier et al. (2022)

*Description:*

Count of the number of all external state supporters providing weapons support.

**2.7.2.39 Number of External Non-state Supporters Providing Weapons Support (ext\_w\_count\_ns)**

*Long tag:* ucdp\_esd\_ay\_ext\_w\_count\_ns

*Original tag:* ext\_w\_count\_ns

*Dataset citation:* Meier et al. (2022)

*Description:*

Count of the number of all external non-state supporters providing weapons support.

**2.7.2.40 Existence of Material and Logistics Support (ext\_m)**

*Long tag:* ucdp\_esd\_ay\_ext\_m

*Original tag:* ext\_m

*Dataset citation:* Meier et al. (2022)

*Description:*

Variable identifying all observations in which material and logistics support was provided (1) by any supporter.

**2.7.2.41 Existence of Material and Logistics Support by At Least One State Supporter (ext\_m\_s)**

*Long tag:* ucdp\_esd\_ay\_ext\_m\_s

*Original tag:* ext\_m\_s

*Dataset citation:* Meier et al. (2022)

*Description:*

Variable identifying all observations in which material and logistics support was provided (1) by at least one state supporter.

**2.7.2.42 Existence of Material and Logistics Support by At Least One Non-state Supporter (ext\_m\_ns)**

*Long tag:* ucdp\_esd\_ay\_ext\_m\_ns

*Original tag:* ext\_m\_ns

*Dataset citation:* Meier et al. (2022)

*Description:*

Variable identifying all observations in which material and logistics support was provided (1) by at least one non-state supporter.

**2.7.2.43 Number of All External Supporters Providing Material and Logistics Support (ext\_m\_count)**

*Long tag:* ucdp\_esd\_ay\_ext\_m\_count

*Original tag:* ext\_m\_count

*Dataset citation:* Meier et al. (2022)

*Description:*

Count of the number of all external supporters providing material and logistics support.

**2.7.2.44 Number of External State Supporters Providing Material and Logistics Support (ext\_m\_count\_s)**

*Long tag:* ucdp\_esd\_ay\_ext\_m\_count\_s

*Original tag:* ext\_m\_count\_s

*Dataset citation:* Meier et al. (2022)

*Description:*

Count of the number of all external state supporters providing material and logistics support.

**2.7.2.45 Number of External Non-state Supporters Providing Material and Logistics Support (ext\_m\_count\_ns)**

*Long tag:* ucdp\_esd\_ay\_ext\_m\_count\_ns

*Original tag:* ext\_m\_count\_ns

*Dataset citation:* Meier et al. (2022)

*Description:*

Count of the number of all external non-state supporters providing material and logistics support.

**2.7.2.46 Existence of Training and Expertise Support (ext\_t)**

*Long tag:* ucdp\_esd\_ay\_ext\_t

*Original tag:* ext\_t

*Dataset citation:* Meier et al. (2022)

*Description:*

Variable identifying all observations in which training and expertise support was provided (1) by any supporter.

**2.7.2.47 Existence of Training and Expertise Support by At Least One State Supporter (ext\_t\_s)**

*Long tag:* ucdp\_esd\_ay\_ext\_t\_s

*Original tag:* ext\_t\_s

*Dataset citation:* Meier et al. (2022)

*Description:*

Variable identifying all observations in which training and expertise support was provided (1) by at least one state supporter.

**2.7.2.48 Existence of Training and Expertise Support by At Least One Non-state Supporter (ext\_t\_ns)**

*Long tag:* ucdp\_esd\_ay\_ext\_t\_ns

*Original tag:* ext\_t\_ns

*Dataset citation:* Meier et al. (2022)

*Description:*

Variable identifying all observations in which training and expertise support was provided (1) by at least one non-state supporter.

**2.7.2.49 Number of All External Supporters Providing Training and Expertise Support (ext\_t\_count)**

*Long tag:* ucdp\_esd\_ay\_ext\_t\_count

*Original tag:* ext\_t\_count

*Dataset citation:* Meier et al. (2022)

*Description:*

Count of the number of all external supporters providing training and expertise support.

**2.7.2.50 Number of External State Supporters Providing Training and Expertise Support (ext\_t\_count\_s)**

*Long tag:* ucdp\_esd\_ay\_ext\_t\_count\_s

*Original tag:* ext\_t\_count\_s

*Dataset citation:* Meier et al. (2022)

*Description:*

Count of the number of all external state supporters providing training and expertise support.

**2.7.2.51 Number of External Non-state Supporters Providing Training and Expertise Support (ext\_t\_count\_ns)**

*Long tag:* ucdp\_esd\_ay\_ext\_t\_count\_ns

*Original tag:* ext\_t\_count\_ns

*Dataset citation:* Meier et al. (2022)

*Description:*

Count of the number of all external non-state supporters providing training and expertise support.

**2.7.2.52 Existence of Funding Support (ext\_f)**

*Long tag:* ucdp\_esd\_ay\_ext\_f

*Original tag:* ext\_f

*Dataset citation:* Meier et al. (2022)

*Description:*

Variable identifying all observations in which funding support was provided (1) by any supporter.

**2.7.2.53 Existence of Funding Support by At Least One State Supporter (ext\_f\_s)**

*Long tag:* ucdp\_esd\_ay\_ext\_f\_s

*Original tag:* ext\_f\_s

*Dataset citation:* Meier et al. (2022)

*Description:*

Variable identifying all observations in which funding support was provided (1) by at least one state supporter.

**2.7.2.54 Existence of Funding Support by At Least One Non-state Supporter (ext\_f\_ns)**

*Long tag:* ucdp\_esd\_ay\_ext\_f\_ns

*Original tag:* ext\_f\_ns

*Dataset citation:* Meier et al. (2022)

*Description:*

Variable identifying all observations in which funding support was provided (1) by at least one non-state supporter.

**2.7.2.55 Number of All External Supporters Providing Funding Support (ext\_f\_count)**

*Long tag:* ucdp\_esd\_ay\_ext\_f\_count

*Original tag:* ext\_f\_count

*Dataset citation:* Meier et al. (2022)

*Description:*

Count of the number of all external supporters providing funding support.

**2.7.2.56 Number of External State Supporters Providing Funding Support (ext\_f\_count\_s)**

*Long tag:* ucdp\_esd\_ay\_ext\_f\_count\_s

*Original tag:* ext\_f\_count\_s

*Dataset citation:* Meier et al. (2022)

*Description:*

Count of the number of all external state supporters providing funding support.

**2.7.2.57 Number of External Non-state Supporters Providing Funding Support (ext\_f\_count\_ns)**

*Long tag:* ucdp\_esd\_ay\_ext\_f\_count\_ns

*Original tag:* ext\_f\_count\_ns

*Dataset citation:* Meier et al. (2022)

*Description:*

Count of the number of all external non-state supporters providing funding support.

**2.7.2.58 Existence of Intelligence Support (ext\_i)**

*Long tag:* ucdp\_esd\_ay\_ext\_i

*Original tag:* ext\_i

*Dataset citation:* Meier et al. (2022)

*Description:*

Variable identifying all observations in which intelligence support was provided (1) by any supporter.

**2.7.2.59 Existence of Intelligence Support by At Least One State Supporter (ext\_i\_s)**

*Long tag:* ucdp\_esd\_ay\_ext\_i\_s

*Original tag:* ext\_i\_s

*Dataset citation:* Meier et al. (2022)

*Description:*

Variable identifying all observations in which intelligence support was provided (1) by at least one state supporter.

**2.7.2.60 Existence of Intelligence Support by At Least One Non-state Supporter (ext\_i\_ns)**

*Long tag:* ucdp\_esd\_ay\_ext\_i\_ns

*Original tag:* ext\_i\_ns

*Dataset citation:* Meier et al. (2022)

*Description:*

Variable identifying all observations in which intelligence support was provided (1) by at least one non-state supporter.

**2.7.2.61 Number of All External Supporters Providing Intelligence Support (ext\_i\_count)**

*Long tag:* ucdp\_esd\_ay\_ext\_i\_count

*Original tag:* ext\_i\_count

*Dataset citation:* Meier et al. (2022)

*Description:*

Count of the number of all external supporters providing intelligence support.

**2.7.2.62 Number of External State Supporters Providing Intelligence Support (ext\_i\_count\_s)**

*Long tag:* ucdp\_esd\_ay\_ext\_i\_count\_s

*Original tag:* ext\_i\_count\_s

*Dataset citation:* Meier et al. (2022)

*Description:*

Count of the number of all external state supporters providing intelligence support.

**2.7.2.63 Number of External Non-state Supporters Providing Intelligence Support (ext\_i\_count\_ns)**

*Long tag:* ucdp\_esd\_ay\_ext\_i\_count\_ns

*Original tag:* ext\_i\_count\_ns

*Dataset citation:* Meier et al. (2022)

*Description:*

Count of the number of all external non-state supporters providing intelligence support.

**2.7.2.64 Existence of Access to Territory Support (ext\_l)**

*Long tag:* ucdp\_esd\_ay\_ext\_l

*Original tag:* ext\_l

*Dataset citation:* Meier et al. (2022)

*Description:*

Variable identifying all observations in which access to territory support was provided (1) by any supporter.

**2.7.2.65 Existence of Access to Territory Support by At Least One State Supporter (ext\_l\_s)**

*Long tag:* ucdp\_esd\_ay\_ext\_l\_s

*Original tag:* ext\_l\_s

*Dataset citation:* Meier et al. (2022)

*Description:*

Variable identifying all observations in which access to territory support was provided (1) by at least one state supporter.

**2.7.2.66 Existence of Access to Territory Support by At Least One Non-state Supporter (ext\_1\_ns)**

*Long tag:* ucdp\_esd\_ay\_ext\_1\_ns

*Original tag:* ext\_1\_ns

*Dataset citation:* Meier et al. (2022)

*Description:*

Variable identifying all observations in which access to territory support was provided (1) by at least one non-state supporter.

**2.7.2.67 Number of All External Supporters Providing Access to Territory Support (ext\_1\_count)**

*Long tag:* ucdp\_esd\_ay\_ext\_1\_count

*Original tag:* ext\_1\_count

*Dataset citation:* Meier et al. (2022)

*Description:*

Count of the number of all external supporters providing access to territory support.

**2.7.2.68 Number of External State Supporters Providing Access to Territory Support (ext\_1\_count\_s)**

*Long tag:* ucdp\_esd\_ay\_ext\_1\_count\_s

*Original tag:* ext\_1\_count\_s

*Dataset citation:* Meier et al. (2022)

*Description:*

Count of the number of all external state supporters providing access to territory support.

**2.7.2.69 Number of External Non-state Supporters Providing Access to Territory Support (ext\_1\_count\_ns)**

*Long tag:* ucdp\_esd\_ay\_ext\_1\_count\_ns

*Original tag:* ext\_1\_count\_ns

*Dataset citation:* Meier et al. (2022)

*Description:*

Count of the number of all external non-state supporters providing access to territory support.

**2.7.2.70 Existence of Other Support (ext\_o)**

*Long tag:* ucdp\_esd\_ay\_ext\_o

*Original tag:* ext\_o

*Dataset citation:* Meier et al. (2022)

*Description:*

Variable identifying all observations in which other support was provided (1) by any supporter.

**2.7.2.71 Existence of Other Support by At Least One State Supporter (ext\_o\_s)**

*Long tag:* ucdp\_esd\_ay\_ext\_o\_s

*Original tag:* ext\_o\_s

*Dataset citation:* Meier et al. (2022)

*Description:*

Variable identifying all observations in which other support was provided (1) by at least one state supporter.



**2.7.2.72 Existence of Other Support by At Least One Non-state Supporter (ext\_o\_ns)**

*Long tag:* ucdp\_esd\_ay\_ext\_o\_ns

*Original tag:* ext\_o\_ns

*Dataset citation:* Meier et al. (2022)

*Description:*

Variable identifying all observations in which other support was provided (1) by at least one non-state supporter.

**2.7.2.73 Number of All External Supporters Providing Other Support (ext\_o\_count)**

*Long tag:* ucdp\_esd\_ay\_ext\_o\_count

*Original tag:* ext\_o\_count

*Dataset citation:* Meier et al. (2022)

*Description:*

Count of the number of all external supporters providing other support.

**2.7.2.74 Number of External State Supporters Providing Other Support (ext\_o\_count\_s)**

*Long tag:* ucdp\_esd\_ay\_ext\_o\_count\_s

*Original tag:* ext\_o\_count\_s

*Dataset citation:* Meier et al. (2022)

*Description:*

Count of the number of all external state supporters providing other support.

**2.7.2.75 Number of External Non-state Supporters Providing Other Support (ext\_o\_count\_ns)**

*Long tag:* ucdp\_esd\_ay\_ext\_o\_count\_ns

*Original tag:* ext\_o\_count\_ns

*Dataset citation:* Meier et al. (2022)

*Description:*

Count of the number of all external non-state supporters providing other support.

**2.7.2.76 Existence of Unknown Support (ext\_u)**

*Long tag:* ucdp\_esd\_ay\_ext\_u

*Original tag:* ext\_u

*Dataset citation:* Meier et al. (2022)

*Description:*

Variable identifying all observations in which unknown support was provided (1) by any supporter.

**2.7.2.77 Existence of Unknown Support by At Least One State Supporter (ext\_u\_s)**

*Long tag:* ucdp\_esd\_ay\_ext\_u\_s

*Original tag:* ext\_u\_s

*Dataset citation:* Meier et al. (2022)

*Description:*

Variable identifying all observations in which unknown support was provided (1) by at least one state supporter.

**2.7.2.78 Existence of Unknown Support by At Least One Non-state Supporter (ext\_u\_ns)**

*Long tag:* ucdp\_esd\_ay\_ext\_u\_ns

*Original tag:* ext\_u\_ns

*Dataset citation:* Meier et al. (2022)

*Description:*

Variable identifying all observations in which unknown support was provided (1) by at least one non-state supporter.

**2.7.2.79 Number of All External Supporters Providing Unknown Support (ext\_u\_count)**

*Long tag:* ucdp\_esd\_ay\_ext\_u\_count

*Original tag:* ext\_u\_count

*Dataset citation:* Meier et al. (2022)

*Description:*

Count of the number of all external supporters providing unknown support.

**2.7.2.80 Number of External State Supporters Providing Unknown Support (ext\_u\_count\_s)**

*Long tag:* ucdp\_esd\_ay\_ext\_u\_count\_s

*Original tag:* ext\_u\_count\_s

*Dataset citation:* Meier et al. (2022)

*Description:*

Count of the number of all external state supporters providing unknown support.

**2.7.2.81 Number of External Non-state Supporters Providing Unknown Support (ext\_u\_count\_ns)**

*Long tag:* ucdp\_esd\_ay\_ext\_u\_count\_ns

*Original tag:* ext\_u\_count\_ns

*Dataset citation:* Meier et al. (2022)

*Description:*

Count of the number of all external non-state supporters providing unknown support.

**2.7.2.82 Number of Different Types of Support Provided by All External Supporters (ext\_sum)**

*Long tag:* ucdp\_esd\_ay\_ext\_sum

*Original tag:* ext\_sum

*Dataset citation:* Meier et al. (2022)

*Description:*

Count of the number of different types of support provided by all supporters.

**2.8 UCDP External Support Dataset - Dyad Year**

**Dataset tag:** ucdp\_esd\_dy

**Output Unit:** UCDP Dyad-Year, i.e., data is collected per dyad and year. The dataset thus contains one observation (row) for each dyad-year. The columns forming the unit are dyad\_id and year, or, using the full names of the Dyads, dyad\_name and year.

**Description:** The UCDP ESD is a dataset providing information on the existence, type, and provider of external support for all warring parties (actors) coded as active in UCDP data, on an annual basis, between 1975 and 2017. The ESD builds on the UCDP Dyadic Dataset 18.1 derived

from the UCDP/PRIO Armed Conflict Dataset 18.1 but goes beyond the dyad-level and offers the warring party-opponent-year (actor-year) as well as the warring-party-supporter-opponent-year (or triad-year) as units of analysis in addition to the dyad-year.

The dyad-level dataset (ESD DY) is the most aggregated version of the three datasets and presents information on external support to the conflict-dyad as a whole at the dyad-year unit of analysis. If more than one external supporter provides external support, the external support is combined and presented as aggregate measures. As such it contains one observation (row) for each dyad per year. This version is appropriate where existing data is in a dyad-year structure or the focus rests on the impact of external support on conflict more generally.

***Dataset citation:***

Meier, Vanessa, Niklas Karlén, Therése Pettersson Mihai Croicu (2022). External Support in Armed Conflicts. Introducing the UCDP External Support Dataset (ESD), 1975-2017. Journal of Peace Research. Online First.

***Link to original codebook***

<https://ucdp.uu.se/downloads/extsup/ESD/ucdp-esd-181.pdf>

***License:*** UCDP offers a web-based system for visualising, handling and downloading data, including ready-made datasets on organized violence and peacemaking. All UCDP data are free of charge.

More detailed information on the dataset can be found at the following web page:  
<https://ucdp.uu.se/downloads/index.html#externalsupportns>

### **2.8.1 Identifier Variables**

Variables in this section identify and specify observations in the dataset.

#### **2.8.1.1 ID of Entry in UCDP External Support Dataset Version 18.1 (id)**

*Long tag:* ucdp\_esd\_dy\_id

*Original tag:* id

*Dataset citation:* Meier et al. (2022)

*Description:*

A unique identifier for each entry in the dataset.

#### **2.8.1.2 Activeness of the Dyad-Year (active)**

*Long tag:* ucdp\_esd\_dy\_active

*Original tag:* active

*Dataset citation:* Meier et al. (2022)

*Description:*

Variable identifying all dyad-years active in the UCDP External Support Dataset 18.1.

(0) Inactive dyad-year

(1) Active dyad-year

#### **2.8.1.3 Year (year)**

*Long tag:* ucdp\_esd\_dy\_year

*Original tag:* year

*Dataset citation:* Meier et al. (2022)

*Description:*

The year of observation (1975-2017).

#### **2.8.1.4 ID of Side A (side\_a\_id)**

*Long tag:* ucdp\_esd\_dy\_side\_a\_id

*Original tag:* side\_a\_id

*Dataset citation:* Meier et al. (2022)

*Description:*

The unique identifier of Side A as given in the UCDP Dyadic Dataset 18.1.

#### **2.8.1.5 Name of Side A (side\_a)**

*Long tag:* ucdp\_esd\_dy\_side\_a

*Original tag:* side\_a

*Dataset citation:* Meier et al. (2022)

*Description:*

The name of Side A.

#### **2.8.1.6 ID of Side B (side\_b\_id)**

*Long tag:* ucdp\_esd\_dy\_side\_b\_id

*Original tag:* side\_b\_id

*Dataset citation:* Meier et al. (2022)

*Description:*

The unique identifier of Side B as given in the UCDP Dyadic Dataset 18.1.

#### **2.8.1.7 Name of Side B (side\_b)**

*Long tag:* ucdp\_esd\_dy\_side\_b

*Original tag:* side\_b

*Dataset citation:* Meier et al. (2022)

*Description:*

The name of Side B.

#### **2.8.1.8 ID of Dyad (dyad\_id)**

*Long tag:* ucdp\_esd\_dy\_dyad\_id

*Original tag:* dyad\_id

*Dataset citation:* Meier et al. (2022)

*Description:*

The unique identifier of the dyad as given in the UCDP Dyadic Dataset 18.1.

#### **2.8.1.9 Name of Dyad (dyad\_name)**

*Long tag:* ucdp\_esd\_dy\_dyad\_name

*Original tag:* dyad\_name

*Dataset citation:* Meier et al. (2022)

*Description:*

The name of the dyad.

#### **2.8.1.10 One of the Primary Warring Parties Potentially Receiving External Support Being a Non-state Actor (civil)**

*Long tag:* ucdp\_esd\_dy\_civil

*Original tag:* civil

*Dataset citation:* Meier et al. (2022)

*Description:*

Variable identifying all dyad-years in which one of the primary warring parties is a non-state actor (intrastate conflict).

(0) Interstate conflict

(1) Intrastate conflict

#### **2.8.1.11 Conflict ID (conflict\_id)**

*Long tag:* ucdp\_esd\_dy\_conflict\_id

*Original tag:* conflict\_id

*Dataset citation:* Meier et al. (2022)

*Description:*

The unique identifier of the conflict to which the dyad belongs as given in the UCDP/PRIO Armed Conflict Dataset 18.1.

#### **2.8.1.12 ID of Country Having a Primary Claim to Incompatibility (location)**

*Long tag:* ucdp\_esd\_dy\_location

*Original tag:* location

*Dataset citation:* Meier et al. (2022)

*Description:*

The name of the country/countries whose government(s) has a primary claim to the incompatibility as given in the UCDP Dyadic 18.1. Note that this is not necessarily the geographical location of the conflict. If multiple countries are listed, this is comma-separated.

#### **2.8.1.13 Name of Country for Side A (country\_a)**

*Long tag:* ucdp\_esd\_dy\_country\_a

*Original tag:* country\_a

*Dataset citation:* Meier et al. (2022)

*Description:*

In intrastate conflicts, the name of the conflict-country. In interstate conflicts, the name of one of the primary warring parties.

#### **2.8.1.14 Name of Country for Side B (country\_b)**

*Long tag:* ucdp\_esd\_dy\_country\_b

*Original tag:* country\_b

*Dataset citation:* Meier et al. (2022)

*Description:*

In interstate conflicts, the name of one of the primary warring parties. Empty in intrastate conflicts.

### **2.8.2 External Support**

Variables in this section identify for instance the type and amount of external support provided and whether support was provided by state or non-state actors. External support is defined as the provision of militarily relevant assistance by an outside party to a primary warring party in a state-based armed conflict with the intent to assist that party in that conflict. . The separate elements of the definition are operationalized as follows: (1) Militarily relevant assistance: materiel, knowledge, or services with a direct role in the pursuit of armed conflict. (2) Outside party: any state or organised armed group listed in the UCDP Actor Dataset that is not a primary warring party in the conflict in a given year including in a different conflict-dyad. (3) Primary warring party: a government of a state or any opposition organisation or alliance of organisations that uses armed force to promote its position in the incompatibility in an intrastate or an interstate armed conflict. (4) Intent to assist: the support is provided deliberately and with the clear (long-term) goal of facilitating military victory of the support recipient over the opponent the recipient shares an incompatibility with. (5) State-based armed conflict: a contested incompatibility that concerns government and/or territory where the use of armed force between two parties, of which at least one is the government of a state, results in at least 25 battle-related deaths in one calendar year.

#### **2.8.2.1 Country GW ID for Side A (gwno\_a)**

*Long tag:* ucdp\_esd\_dy\_gwno\_a

*Original tag:* gwno\_a

*Dataset citation:* Meier et al. (2022)

*Description:*

In intrastate conflicts, the Gleditsch and Ward country code of the conflict-country. In interstate conflicts, the Gleditsch and Ward country code of one of the primary warring parties.

### **2.8.2.2 Country GW ID for Side B (gwno\_b)**

*Long tag:* ucdp\_esd\_dy\_gwno\_b

*Original tag:* gwno\_b

*Dataset citation:* Meier et al. (2022)

*Description:*

In interstate conflicts, the Gleditsch and Ward country code of one of the primary warring parties. Empty in intrastate conflicts.

### **2.8.2.3 Actor ID of External Supporter (ext\_id)**

*Long tag:* ucdp\_esd\_dy\_ext\_id

*Original tag:* ext\_id

*Dataset citation:* Meier et al. (2022)

*Description:*

The unique identifier of the external supporter (government or opposition actor). Comma-separated if multiple.

The external supporter is an outside party providing external support. The ESD only considers foreign governments and organised armed groups listed in the UCDP Actor List as potential external supporters. Support by international organisations or coalitions of states is disaggregated and attributed to the contributing countries. Support is considered external if it originates from an outside party that is not a primary warring party to the conflict including in a different conflict-dyad in the same conflict in a given year. For state support, this includes all foreign governments that do not share an incompatibility with one of the warring parties in the conflict. For non-state support, this includes all organised armed groups that do not share an incompatibility with the government side in the conflict in the same year, although they might be physically present in the same territory. Outside parties providing support to an external supporter, e.g. granting access to bases to an external supporter or financing a coalition providing external support, do not enter the dataset. Support from diaspora groups, lobby groups, private businesses, religious institutions, criminal networks, charities, and individuals is not included.

### **2.8.2.4 Name of External Supporter (ext\_name)**

*Long tag:* ucdp\_esd\_dy\_ext\_name

*Original tag:* ext\_name

*Dataset citation:* Meier et al. (2022)

*Description:*

The name of the external supporter (government or opposition actor). Comma-separated if multiple.

The external supporter is an outside party providing external support. The ESD only considers foreign governments and organised armed groups listed in the UCDP Actor List as potential external supporters. Support by international organisations or coalitions of states is disaggregated and attributed to the contributing countries. Support is considered external if it originates from an outside party that is not a primary warring party to the conflict including in a different conflict-dyad in the same conflict in a given year. For state support, this includes all foreign governments that do not share an incompatibility with one of the warring parties in the conflict. For non-state support, this includes all organised armed

groups that do not share an incompatibility with the government side in the conflict in the same year, although they might be physically present in the same territory. Outside parties providing support to an external supporter, e.g. granting access to bases to an external supporter or financing a coalition providing external support, do not enter the dataset. Support from diaspora groups, lobby groups, private businesses, religious institutions, criminal networks, charities, and individuals is not included.

#### **2.8.2.5 External Supporter Being Non-state Actor (ext\_nonstate)**

*Long tag:* ucdp\_esd\_dy\_ext\_nonstate

*Original tag:* ext\_nonstate

*Dataset citation:* Meier et al. (2022)

*Description:*

Variable identifying all observations in which at least one of the external supporters is a non-state actor.

(0) State supporters only

(1) Non-state supporter

#### **2.8.2.6 External Supporter Being Part of a Coalition (ext\_coalition)**

*Long tag:* ucdp\_esd\_dy\_ext\_coalition

*Original tag:* ext\_coalition

*Dataset citation:* Meier et al. (2022)

*Description:*

Variable identifying all observations in which external support is provided as part of a coalition effort.

(0) Bilateral support

(1) Coalition support

External support is considered part of a coalition effort if three or more states formally agree to coordinate their efforts and to provide assistance to the same warring party or multiple warring parties jointly. This can take on the shape of an ad hoc coalition with a conflict-related purpose or operations run by established multilateral organisations such as the United Nations, the North Atlantic Treaty Organization or regional organisations. Over the observation period, 20 such coalitions formed. Contributing countries are listed separately but contain the same coalition name in the coalition variable. Alliances between non-state actors also exist, but do not appear in the coalition variable. Support provided by an international organisation directly and not administered through contributing countries is not included.

#### **2.8.2.7 Name of External Supporter's Coalition (ext\_coalition\_name)**

*Long tag:* ucdp\_esd\_dy\_ext\_coalition\_name

*Original tag:* ext\_coalition\_name

*Dataset citation:* Meier et al. (2022)

*Description:*

The name of the coalition.

#### **2.8.2.8 External Support Being Provided by Substate Actor (ext\_elements)**

*Long tag:* ucdp\_esd\_dy\_ext\_elements

*Original tag:* ext\_elements

*Dataset citation:* Meier et al. (2022)

*Description:*

Variable identifying all observations in which external support is provided by a substate actor.

(0) No substate support

(1) Support provided by substate actor

### **2.8.2.9 External Supporter Providing Support to Both Primary Warring Parties (ext\_bothsides)**

*Long tag:* ucdp\_esd\_dy\_ext\_bothsides

*Original tag:* ext\_bothsides

*Dataset citation:* Meier et al. (2022)

*Description:*

Variable identifying all observations in which an external supporter provides support to both primary warring parties in a conflict-dyad.

(0) Support to one side

(1) Support to both sides

External support is considered to be provided to both sides when the same external supporter provides assistance to both primary warring parties in a conflict-dyad in the same year. This is sometimes the case when external supporters switch sides within a calendar year or when opposition actors replace the government and become the government side, turning the ousted government into the opposition actor. In rare cases, the leadership of an external supporter provides assistance to one side in a conflict while a substate actor supports the opposition. The variable allows to easily identify these cases so that they can be handled in a manner appropriate to the research interest.

### **2.8.2.10 Existence of External Supporter (ext\_sup)**

*Long tag:* ucdp\_esd\_dy\_ext\_sup

*Original tag:* ext\_sup

*Dataset citation:* Meier et al. (2022)

*Description:*

Variable identifying all observations in which external support was provided by any supporter.

(0) No external support

(1) External support

External support needs to be intentional, direct, and aimed at enhancing military capabilities. It thus excludes cases where support is provided unintentionally, e.g. because of state weakness, such as porous borders or indirectly, e.g. measures that effectively weaken a warring party but are not designed to support the opposing side, such as sanctions. Advocacy in front of international bodies, offers to mediate, humanitarian assistance, and diplomatic support are not considered external support in this context as they do not constitute the provision of resources with a direct role in the pursuit of armed conflict and/or with the clear intent to facilitate (military) victory of one side over the other. If any of the types of external support is present, the overall measure for external support is set to 1, indicating external support in a given year. References to external support without specified supporter or recipient are not included.

### **2.8.2.11 Existence of At Least One External State Supporter (ext\_sup\_s)**

*Long tag:* ucdp\_esd\_dy\_ext\_sup\_s

*Original tag:* ext\_sup\_s

*Dataset citation:* Meier et al. (2022)

*Description:*

Variable identifying all observations in which external support was provided by at least one state supporter.

(0) No external support

(1) External support

### **2.8.2.12 Existence of At Least One External Non-state Supporter (ext\_sup\_ns)**

*Long tag:* ucdp\_esd\_dy\_ext\_sup\_ns



*Original tag:* ext\_sup\_ns

*Dataset citation:* Meier et al. (2022)

*Description:*

Variable identifying all observations in which external support was provided by at least one non-state supporter.

(0) No external support

(1) External support

#### **2.8.2.13 Number of All External Supporters (ext\_count)**

*Long tag:* ucdp\_esd\_dy\_ext\_count

*Original tag:* ext\_count

*Dataset citation:* Meier et al. (2022)

*Description:*

Count of the number of all external supporters that provide any type of external support.

#### **2.8.2.14 Number of External State Supporters (ext\_count\_s)**

*Long tag:* ucdp\_esd\_dy\_ext\_count\_s

*Original tag:* ext\_count\_s

*Dataset citation:* Meier et al. (2022)

*Description:*

Count of the number of external state supporters that provide any type of external support.

#### **2.8.2.15 Number of External Non-state Supporters (ext\_count\_ns)**

*Long tag:* ucdp\_esd\_dy\_ext\_count\_ns

*Original tag:* ext\_count\_ns

*Dataset citation:* Meier et al. (2022)

*Description:*

Count of the number of external non-state supporters that provide any type of external support.

#### **2.8.2.16 Existence of Troop Support (ext\_x)**

*Long tag:* ucdp\_esd\_dy\_ext\_x

*Original tag:* ext\_x

*Dataset citation:* Meier et al. (2022)

*Description:*

Variable identifying all observations in which troop support was provided (1) by any supporter.

#### **2.8.2.17 Existence of Troop Support by At Least One State Supporter (ext\_x\_s)**

*Long tag:* ucdp\_esd\_dy\_ext\_x\_s

*Original tag:* ext\_x\_s

*Dataset citation:* Meier et al. (2022)

*Description:*

Variable identifying all observations in which troop support was provided (1) by at least one state supporter.

#### **2.8.2.18 Existence of Troop Support by At Least One Non-state Supporter (ext\_x\_ns)**

*Long tag:* ucdp\_esd\_dy\_ext\_x\_ns

*Original tag:* ext\_x\_ns

*Dataset citation:* Meier et al. (2022)

*Description:*

Variable identifying all observations in which troop support was provided (1) by at least one non-state supporter.

**2.8.2.19 Number of All External Supporters Providing Troop Support (ext\_x\_count)**

*Long tag:* ucdp\_esd\_dy\_ext\_x\_count

*Original tag:* ext\_x\_count

*Dataset citation:* Meier et al. (2022)

*Description:*

Count of the number of all external supporters providing troop support.

**2.8.2.20 Number of External State Supporters Providing Troop Support (ext\_x\_count\_s)**

*Long tag:* ucdp\_esd\_dy\_ext\_x\_count\_s

*Original tag:* ext\_x\_count\_s

*Dataset citation:* Meier et al. (2022)

*Description:*

Count of the number of all external state supporters providing troop support.

**2.8.2.21 Number of External Non-state Supporters Providing Troop Support (ext\_x\_count\_ns)**

*Long tag:* ucdp\_esd\_dy\_ext\_x\_count\_ns

*Original tag:* ext\_x\_count\_ns

*Dataset citation:* Meier et al. (2022)

*Description:*

Count of the number of all external non-state supporters providing troop support.

**2.8.2.22 Existence of Foreign Troop Presence Support (ext\_p)**

*Long tag:* ucdp\_esd\_dy\_ext\_p

*Original tag:* ext\_p

*Dataset citation:* Meier et al. (2022)

*Description:*

Variable identifying all observations in which foreign troop presence support was provided (1) by any supporter.

**2.8.2.23 Existence of Foreign Troop Presence Support by At Least One State Supporter (ext\_p\_s)**

*Long tag:* ucdp\_esd\_dy\_ext\_p\_s

*Original tag:* ext\_p\_s

*Dataset citation:* Meier et al. (2022)

*Description:*

Variable identifying all observations in which foreign troop presence support was provided (1) by at least one state supporter.

**2.8.2.24 Existence of Foreign Troop Presence Support by At Least One Non-state Supporter (ext\_p\_ns)**

*Long tag:* ucdp\_esd\_dy\_ext\_p\_ns

*Original tag:* ext\_p\_ns

*Dataset citation:* Meier et al. (2022)

*Description:*

Variable identifying all observations in which foreign troop presence support was provided (1) by at least one non-state supporter.

**2.8.2.25 Number of All External Supporters Providing Foreign Troop Presence Support (ext\_p\_count)**

*Long tag:* ucdp\_esd\_dy\_ext\_p\_count

*Original tag:* ext\_p\_count

*Dataset citation:* Meier et al. (2022)

*Description:*

Count of the number of all external supporters providing foreign troop presence support.

**2.8.2.26 Number of External State Supporters Providing Foreign Troop Presence Support (ext\_p\_count\_s)**

*Long tag:* ucdp\_esd\_dy\_ext\_p\_count\_s

*Original tag:* ext\_p\_count\_s

*Dataset citation:* Meier et al. (2022)

*Description:*

Count of the number of all external state supporters providing foreign troop presence support.

**2.8.2.27 Number of External Non-state Supporters Providing Foreign Troop Presence Support (ext\_p\_count\_ns)**

*Long tag:* ucdp\_esd\_dy\_ext\_p\_count\_ns

*Original tag:* ext\_p\_count\_ns

*Dataset citation:* Meier et al. (2022)

*Description:*

Count of the number of all external non-state supporters providing foreign troop presence support.

**2.8.2.28 Existence of Access to Infrastructure/Joint Operations Support (ext\_y)**

*Long tag:* ucdp\_esd\_dy\_ext\_y

*Original tag:* ext\_y

*Dataset citation:* Meier et al. (2022)

*Description:*

Variable identifying all observations in which access to infrastructure/joint operations support was provided (1) by any supporter.

**2.8.2.29 Existence of Infrastructure/Joint Operations Support by At Least One State Supporter (ext\_y\_s)**

*Long tag:* ucdp\_esd\_dy\_ext\_y\_s

*Original tag:* ext\_y\_s

*Dataset citation:* Meier et al. (2022)

*Description:*

Variable identifying all observations in which access to infrastructure/joint operations support was provided (1) by at least one state supporter.

**2.8.2.30 Existence of Infrastructure/Joint Operations Support by At Least One Non-state Supporter (ext\_y\_ns)**

*Long tag:* ucdp\_esd\_dy\_ext\_y\_ns

*Original tag:* ext\_y\_ns

*Dataset citation:* Meier et al. (2022)

*Description:*

Variable identifying all observations in which access to infrastructure/joint operations support was provided (1) by at least one non-state supporter.

**2.8.2.31 Number of All External Supporters Providing Infrastructure/Joint Operations Support (ext\_y\_count)**

*Long tag:* ucdp\_esd\_dy\_ext\_y\_count

*Original tag:* ext\_y\_count

*Dataset citation:* Meier et al. (2022)

*Description:*

Count of the number of all external supporters providing access to infrastructure/joint operations support.

**2.8.2.32 Number of External State Supporters Providing Infrastructure/Joint Operations Support (ext\_y\_count\_s)**

*Long tag:* ucdp\_esd\_dy\_ext\_y\_count\_s

*Original tag:* ext\_y\_count\_s

*Dataset citation:* Meier et al. (2022)

*Description:*

Count of the number of all external state supporters providing access to infrastructure/joint operations support.

**2.8.2.33 Number of External Non-state Supporters Providing Infrastructure/Joint Operations Support (ext\_y\_count\_ns)**

*Long tag:* ucdp\_esd\_dy\_ext\_y\_count\_ns

*Original tag:* ext\_y\_count\_ns

*Dataset citation:* Meier et al. (2022)

*Description:*

Count of the number of all external non-state supporters providing access to infrastructure/joint operations support.

**2.8.2.34 Existence of Weapons Support (ext\_w)**

*Long tag:* ucdp\_esd\_dy\_ext\_w

*Original tag:* ext\_w

*Dataset citation:* Meier et al. (2022)

*Description:*

Variable identifying all observations in which weapons support was provided (1) by any supporter.

**2.8.2.35 Existence of Weapons Support by At Least One State Supporter (ext\_w\_s)**

*Long tag:* ucdp\_esd\_dy\_ext\_w\_s

*Original tag:* ext\_w\_s

*Dataset citation:* Meier et al. (2022)

*Description:*

Variable identifying all observations in which weapons support was provided (1) by at least one state supporter.

**2.8.2.36 Existence of Weapons Support by At Least One Non-state Supporter (ext\_w\_ns)**

*Long tag:* ucdp\_esd\_dy\_ext\_w\_ns

*Original tag:* ext\_w\_ns

*Dataset citation:* Meier et al. (2022)

*Description:*

Variable identifying all observations in which weapons support was provided (1) by at least one non-state supporter.

**2.8.2.37 Number of All External Supporters Providing Weapons Support (ext\_w\_count)**

*Long tag:* ucdp\_esd\_dy\_ext\_w\_count

*Original tag:* ext\_w\_count

*Dataset citation:* Meier et al. (2022)

*Description:*

Count of the number of all external supporters providing weapons support.

**2.8.2.38 Number of External State Supporters Providing Weapons Support (ext\_w\_count\_s)**

*Long tag:* ucdp\_esd\_dy\_ext\_w\_count\_s

*Original tag:* ext\_w\_count\_s

*Dataset citation:* Meier et al. (2022)

*Description:*

Count of the number of all external state supporters providing weapons support.

**2.8.2.39 Number of External Non-state Supporters Providing Weapons Support (ext\_w\_count\_ns)**

*Long tag:* ucdp\_esd\_dy\_ext\_w\_count\_ns

*Original tag:* ext\_w\_count\_ns

*Dataset citation:* Meier et al. (2022)

*Description:*

Count of the number of all external non-state supporters providing weapons support.

**2.8.2.40 Existence of Material and Logistics Support (ext\_m)**

*Long tag:* ucdp\_esd\_dy\_ext\_m

*Original tag:* ext\_m

*Dataset citation:* Meier et al. (2022)

*Description:*

Variable identifying all observations in which material and logistics support was provided (1) by any supporter.

**2.8.2.41 Existence of Material and Logistics Support by At Least One State Supporter (ext\_m\_s)**

*Long tag:* ucdp\_esd\_dy\_ext\_m\_s

*Original tag:* ext\_m\_s

*Dataset citation:* Meier et al. (2022)

*Description:*

Variable identifying all observations in which material and logistics support was provided (1) by at least one state supporter.

**2.8.2.42 Existence of Material and Logistics Support by At Least One Non-state Supporter (ext\_m\_ns)**

*Long tag:* ucdp\_esd\_dy\_ext\_m\_ns

*Original tag:* ext\_m\_ns

*Dataset citation:* Meier et al. (2022)

*Description:*

Variable identifying all observations in which material and logistics support was provided (1) by at least one non-state supporter.

**2.8.2.43 Number of All External Supporters Providing Material and Logistics Support (ext\_m\_count)**

*Long tag:* ucdp\_esd\_dy\_ext\_m\_count

*Original tag:* ext\_m\_count

*Dataset citation:* Meier et al. (2022)

*Description:*

Count of the number of all external supporters providing material and logistics support.

**2.8.2.44 Number of External State Supporters Providing Material and Logistics Support (ext\_m\_count\_s)**

*Long tag:* ucdp\_esd\_dy\_ext\_m\_count\_s

*Original tag:* ext\_m\_count\_s

*Dataset citation:* Meier et al. (2022)

*Description:*

Count of the number of all external state supporters providing material and logistics support.

**2.8.2.45 Number of External Non-state Supporters Providing Material and Logistics Support (ext\_m\_count\_ns)**

*Long tag:* ucdp\_esd\_dy\_ext\_m\_count\_ns

*Original tag:* ext\_m\_count\_ns

*Dataset citation:* Meier et al. (2022)

*Description:*

Count of the number of all external non-state supporters providing material and logistics support.

**2.8.2.46 Existence of Training and Expertise Support (ext\_t)**

*Long tag:* ucdp\_esd\_dy\_ext\_t

*Original tag:* ext\_t

*Dataset citation:* Meier et al. (2022)

*Description:*

Variable identifying all observations in which training and expertise support was provided (1) by any supporter.

**2.8.2.47 Existence of Training and Expertise Support by At Least One State Supporter (ext\_t\_s)**

*Long tag:* ucdp\_esd\_dy\_ext\_t\_s

*Original tag:* ext\_t\_s

*Dataset citation:* Meier et al. (2022)

*Description:*

Variable identifying all observations in which training and expertise support was provided (1) by at least one state supporter.

**2.8.2.48 Existence of Training and Expertise Support by At Least One Non-state Supporter (ext\_t\_ns)**

*Long tag:* ucdp\_esd\_dy\_ext\_t\_ns

*Original tag:* ext\_t\_ns

*Dataset citation:* Meier et al. (2022)

*Description:*

Variable identifying all observations in which training and expertise support was provided (1) by at least one non-state supporter.

**2.8.2.49 Number of All External Supporters Providing Training and Expertise Support (ext\_t\_count)**

*Long tag:* ucdp\_esd\_dy\_ext\_t\_count

*Original tag:* ext\_t\_count

*Dataset citation:* Meier et al. (2022)

*Description:*

Count of the number of all external supporters providing training and expertise support.

**2.8.2.50 Number of External State Supporters Providing Training and Expertise Support (ext\_t\_count\_s)**

*Long tag:* ucdp\_esd\_dy\_ext\_t\_count\_s

*Original tag:* ext\_t\_count\_s

*Dataset citation:* Meier et al. (2022)

*Description:*

Count of the number of all external state supporters providing training and expertise support.

**2.8.2.51 Number of External Non-state Supporters Providing Training and Expertise Support (ext\_t\_count\_ns)**

*Long tag:* ucdp\_esd\_dy\_ext\_t\_count\_ns

*Original tag:* ext\_t\_count\_ns

*Dataset citation:* Meier et al. (2022)

*Description:*

Count of the number of all external non-state supporters providing training and expertise support.

**2.8.2.52 Existence of Funding Support (ext\_f)**

*Long tag:* ucdp\_esd\_dy\_ext\_f

*Original tag:* ext\_f

*Dataset citation:* Meier et al. (2022)

*Description:*

Variable identifying all observations in which funding support was provided (1) by any supporter.

**2.8.2.53 Existence of Funding Support by At Least One State Supporter (ext\_f\_s)**

*Long tag:* ucdp\_esd\_dy\_ext\_f\_s

*Original tag:* ext\_f\_s

*Dataset citation:* Meier et al. (2022)

*Description:*

Variable identifying all observations in which funding support was provided (1) by at least one state supporter.

**2.8.2.54 Existence of Funding Support by At Least One Non-state Supporter (ext\_f\_ns)**

*Long tag:* ucdp\_esd\_dy\_ext\_f\_ns

*Original tag:* ext\_f\_ns

*Dataset citation:* Meier et al. (2022)

*Description:*

Variable identifying all observations in which funding support was provided (1) by at least one non-state supporter.

**2.8.2.55 Number of All External Supporters Providing Funding Support (ext\_f\_count)**

*Long tag:* ucdp\_esd\_dy\_ext\_f\_count

*Original tag:* ext\_f\_count

*Dataset citation:* Meier et al. (2022)

*Description:*

Count of the number of all external supporters providing funding support.

**2.8.2.56 Number of External State Supporters Providing Funding Support (ext\_f\_count\_s)**

*Long tag:* ucdp\_esd\_dy\_ext\_f\_count\_s

*Original tag:* ext\_f\_count\_s

*Dataset citation:* Meier et al. (2022)

*Description:*

Count of the number of all external state supporters providing funding support.

**2.8.2.57 Number of External Non-state Supporters Providing Funding Support (ext\_f\_count\_ns)**

*Long tag:* ucdp\_esd\_dy\_ext\_f\_count\_ns

*Original tag:* ext\_f\_count\_ns

*Dataset citation:* Meier et al. (2022)

*Description:*

Count of the number of all external non-state supporters providing funding support.

**2.8.2.58 Existence of Intelligence Support (ext\_i)**

*Long tag:* ucdp\_esd\_dy\_ext\_i

*Original tag:* ext\_i

*Dataset citation:* Meier et al. (2022)

*Description:*

Variable identifying all observations in which intelligence support was provided (1) by any supporter.

**2.8.2.59 Existence of Intelligence Support by At Least One State Supporter (ext\_i\_s)**

*Long tag:* ucdp\_esd\_dy\_ext\_i\_s

*Original tag:* ext\_i\_s

*Dataset citation:* Meier et al. (2022)

*Description:*

Variable identifying all observations in which intelligence support was provided (1) by at least one state supporter.

**2.8.2.60 Existence of Intelligence Support by At Least One Non-state Supporter (ext\_i\_ns)**

*Long tag:* ucdp\_esd\_dy\_ext\_i\_ns

*Original tag:* ext\_i\_ns

*Dataset citation:* Meier et al. (2022)



*Description:*

Variable identifying all observations in which intelligence support was provided (1) by at least one non-state supporter.

**2.8.2.61 Number of All External Supporters Providing Intelligence Support (ext\_i\_count)**

*Long tag:* ucdp\_esd\_dy\_ext\_i\_count

*Original tag:* ext\_i\_count

*Dataset citation:* Meier et al. (2022)

*Description:*

Count of the number of all external supporters providing intelligence support.

**2.8.2.62 Number of External State Supporters Providing Intelligence Support (ext\_i\_count\_s)**

*Long tag:* ucdp\_esd\_dy\_ext\_i\_count\_s

*Original tag:* ext\_i\_count\_s

*Dataset citation:* Meier et al. (2022)

*Description:*

Count of the number of all external state supporters providing intelligence support.

**2.8.2.63 Number of External Non-state Supporters Providing Intelligence Support (ext\_i\_count\_ns)**

*Long tag:* ucdp\_esd\_dy\_ext\_i\_count\_ns

*Original tag:* ext\_i\_count\_ns

*Dataset citation:* Meier et al. (2022)

*Description:*

Count of the number of all external non-state supporters providing intelligence support.

**2.8.2.64 Existence of Access to Territory Support (ext\_l)**

*Long tag:* ucdp\_esd\_dy\_ext\_l

*Original tag:* ext\_l

*Dataset citation:* Meier et al. (2022)

*Description:*

Variable identifying all observations in which access to territory support was provided (1) by any supporter.

**2.8.2.65 Existence of Access to Territory Support by At Least One State Supporter (ext\_l\_s)**

*Long tag:* ucdp\_esd\_dy\_ext\_l\_s

*Original tag:* ext\_l\_s

*Dataset citation:* Meier et al. (2022)

*Description:*

Variable identifying all observations in which access to territory support was provided (1) by at least one state supporter.

**2.8.2.66 Existence of Access to Territory Support by At Least One Non-state Supporter (ext\_l\_ns)**

*Long tag:* ucdp\_esd\_dy\_ext\_l\_ns

*Original tag:* ext\_l\_ns

*Dataset citation:* Meier et al. (2022)

*Description:*

Variable identifying all observations in which access to territory support was provided (1) by at least one non-state supporter.

**2.8.2.67 Number of All External Supporters Providing Access to Territory Support (ext\_1\_count)**

*Long tag:* ucdp\_esd\_dy\_ext\_1\_count

*Original tag:* ext\_1\_count

*Dataset citation:* Meier et al. (2022)

*Description:*

Count of the number of all external supporters providing access to territory support.

**2.8.2.68 Number of External State Supporters Providing Access to Territory Support (ext\_1\_count\_s)**

*Long tag:* ucdp\_esd\_dy\_ext\_1\_count\_s

*Original tag:* ext\_1\_count\_s

*Dataset citation:* Meier et al. (2022)

*Description:*

Count of the number of all external state supporters providing access to territory support.

**2.8.2.69 Number of External Non-state Supporters Providing Access to Territory Support (ext\_1\_count\_ns)**

*Long tag:* ucdp\_esd\_dy\_ext\_1\_count\_ns

*Original tag:* ext\_1\_count\_ns

*Dataset citation:* Meier et al. (2022)

*Description:*

Count of the number of all external non-state supporters providing access to territory support.

**2.8.2.70 Existence of Other Support (ext\_o)**

*Long tag:* ucdp\_esd\_dy\_ext\_o

*Original tag:* ext\_o

*Dataset citation:* Meier et al. (2022)

*Description:*

Variable identifying all observations in which other support was provided (1) by any supporter.

**2.8.2.71 Existence of Other Support by At Least One State Supporter (ext\_o\_s)**

*Long tag:* ucdp\_esd\_dy\_ext\_o\_s

*Original tag:* ext\_o\_s

*Dataset citation:* Meier et al. (2022)

*Description:*

Variable identifying all observations in which other support was provided (1) by at least one state supporter.

**2.8.2.72 Existence of Other Support by At Least One Non-state Supporter (ext\_o\_ns)**

*Long tag:* ucdp\_esd\_dy\_ext\_o\_ns

*Original tag:* ext\_o\_ns

*Dataset citation:* Meier et al. (2022)

*Description:*

Variable identifying all observations in which other support was provided (1) by at least one non-state supporter.

**2.8.2.73 Number of All External Supporters Providing Other Support (ext\_o\_count)**

*Long tag:* ucdp\_esd\_dy\_ext\_o\_count

*Original tag:* ext\_o\_count

*Dataset citation:* Meier et al. (2022)

*Description:*

Count of the number of all external supporters providing other support.

**2.8.2.74 Number of External State Supporters Providing Other Support (ext\_o\_count\_s)**

*Long tag:* ucdp\_esd\_dy\_ext\_o\_count\_s

*Original tag:* ext\_o\_count\_s

*Dataset citation:* Meier et al. (2022)

*Description:*

Count of the number of all external state supporters providing other support.

**2.8.2.75 Number of External Non-state Supporters Providing Other Support (ext\_o\_count\_ns)**

*Long tag:* ucdp\_esd\_dy\_ext\_o\_count\_ns

*Original tag:* ext\_o\_count\_ns

*Dataset citation:* Meier et al. (2022)

*Description:*

Count of the number of all external non-state supporters providing other support.

**2.8.2.76 Existence of Unknown Support (ext\_u)**

*Long tag:* ucdp\_esd\_dy\_ext\_u

*Original tag:* ext\_u

*Dataset citation:* Meier et al. (2022)

*Description:*

Variable identifying all observations in which unknown support was provided (1) by any supporter.

**2.8.2.77 Existence of Unknown Support by At Least One State Supporter (ext\_u\_s)**

*Long tag:* ucdp\_esd\_dy\_ext\_u\_s

*Original tag:* ext\_u\_s

*Dataset citation:* Meier et al. (2022)

*Description:*

Variable identifying all observations in which unknown support was provided (1) by at least one state supporter.

**2.8.2.78 Existence of Unknown Support by At Least One Non-state Supporter (ext\_u\_ns)**

*Long tag:* ucdp\_esd\_dy\_ext\_u\_ns

*Original tag:* ext\_u\_ns

*Dataset citation:* Meier et al. (2022)

*Description:*

Variable identifying all observations in which unknown support was provided (1) by at least one non-state supporter.

**2.8.2.79 Number of All External Supporters Providing Unknown Support (ext\_u\_count)***Long tag:* ucdp\_esd\_dy\_ext\_u\_count*Original tag:* ext\_u\_count*Dataset citation:* Meier et al. (2022)*Description:*

Count of the number of all external supporters providing unknown support.

**2.8.2.80 Number of External State Supporters Providing Unknown Support (ext\_u\_count\_s)***Long tag:* ucdp\_esd\_dy\_ext\_u\_count\_s*Original tag:* ext\_u\_count\_s*Dataset citation:* Meier et al. (2022)*Description:*

Count of the number of all external state supporters providing unknown support.

**2.8.2.81 Number of External Non-state Supporters Providing Unknown Support (ext\_u\_count\_ns)***Long tag:* ucdp\_esd\_dy\_ext\_u\_count\_ns*Original tag:* ext\_u\_count\_ns*Dataset citation:* Meier et al. (2022)*Description:*

Count of the number of all external non-state supporters providing unknown support.

**2.8.2.82 Number of Different Types of Support Provided by All External Supporters (ext\_sum)***Long tag:* ucdp\_esd\_dy\_ext\_sum*Original tag:* ext\_sum*Dataset citation:* Meier et al. (2022)*Description:*

Count of the number of different types of support provided by all supporters.

**2.9 UCDP External Support Dataset - Triad Year*****Dataset tag:*** ucdp\_esd\_ty***Output Unit:*** UCDP Triad-Year, i.e., data is collected per triad and year. A triad consist of an external supporter, an actor and a dyad. The dataset thus contains one observation (row) for each combination of external supporter, recipient, and opponent per year. The rows can be identified using the variables ext\_id, actor\_id, dyad\_id and year. They can also be identified using the full names by the variables ext\_name, actor\_name, dyad\_name and year.***Description:*** The UCDP ESD is a dataset providing information on the existence, type, and provider of external support for all warring parties (actors) coded as active in UCDP data, on an annual basis, between 1975 and 2017. The ESD builds on the UCDP Dyadic Dataset 18.1 derived from the UCDP/PRIO Armed Conflict Dataset 18.1 but goes beyond the dyad-level and offers the warring party-opponent-year (actor-year) as well as the warring-party-supporter-opponent-year (or triad-year) as units of analysis in addition to the dyad-year.

The triad-level dataset (ESD TY) is the most disaggregated and extensive version of the data. It contains yearly information on the external supporter and the recipient of support specific to the conflict-dyad the recipient is involved in. It thus contains one observation (row) for each combination of external supporter, recipient, and opponent per year. All aggregated versions of the dataset can be built from this version. This version is appropriate where the focus rests on the

individual external supporters and can be used to create aggregate measures of characteristics of the external supporter such as, e.g. combined military capabilities.

***Dataset citation:***

Meier, Vanessa, Niklas Karlén, Therése Pettersson Mihai Croicu (2022). External Support in Armed Conflicts. Introducing the UCDP External Support Dataset (ESD), 1975-2017. Journal of Peace Research. Online First.

***License:*** UCDP offers a web-based system for visualising, handling and downloading data, including ready-made datasets on organized violence and peacemaking. All UCDP data are free of charge.

***Link to original codebook***

<https://ucdp.uu.se/downloads/extsup/ESD/ucdp-esd-181.pdf>

***Comments:*** The dataset leaves observations with missing data blank. The codebook states that the dataset contains missing values on variables related to external support for observations in which no external support was provided. Thus, the unit column `u_ucdp_ext_actor_dyad_year_v181_ext_id` is set to the default value 99999 if the original column is NA. The unit column `u_ucdp_ext_actor_dyad_year_v181_ext_id` is set to "no external support provided" if `ext_name` is NA.

More detailed information on the dataset can be found at the following web page:  
<https://ucdp.uu.se/downloads/index.html#externalsupportns>

### 2.9.1 Identifier Variables

Variables in this section identify and specify observations in the dataset.

#### 2.9.1.1 ID of Entry in UCDP External Support Dataset Version 18.1 (id)

*Long tag:* `ucdp_esd_ty_id`

*Original tag:* `id`

*Dataset citation:* Meier et al. (2022)

*Description:*

A unique identifier for each entry in the dataset.

#### 2.9.1.2 Activeness of Dyad-Year (active)

*Long tag:* `ucdp_esd_ty_active`

*Original tag:* `active`

*Dataset citation:* Meier et al. (2022)

*Description:*

Variable identifying all dyad-years active in the UCDP External Support Dataset 18.1.

(0) Inactive dyad-year

(1) Active dyad-year

#### 2.9.1.3 Year (year)

*Long tag:* `ucdp_esd_ty_year`

*Original tag:* `year`

*Dataset citation:* Meier et al. (2022)

*Description:*

The year of observation (1975-2017).

#### 2.9.1.4 ID of Actor Potentially Receiving External Support (actor\_id)

*Long tag:* `ucdp_esd_ty_actor_id`

*Original tag:* actor\_id

*Dataset citation:* Meier et al. (2022)

*Description:*

The unique identifier of the potential support recipient (government or opposition actor). Note that this is a primary party to the conflict.

This variable does not correspond to the variable side\_a\_id in the UCDP Dyadic dataset since it includes observations on government and opposition actors.

#### **2.9.1.5 Name of Actor Potentially Receiving External Support (actor\_name)**

*Long tag:* ucdp\_esd\_ty\_actor\_name

*Original tag:* actor\_name

*Dataset citation:* Meier et al. (2022)

*Description:*

The name of the potential support recipient (government or opposition actor). Note that this is a primary party to the conflict.

This variable does not correspond to the variable side\_a in the UCDP Dyadic dataset since it includes observations on government and opposition actors.

#### **2.9.1.6 External Support Receiving Actor Being a Non-state Actor (actor\_nonstate)**

*Long tag:* ucdp\_esd\_ty\_actor\_nonstate

*Original tag:* actor\_nonstate

*Dataset citation:* Meier et al. (2022)

*Description:*

Variable identifying all observations where the potential support recipient is a non-state actor.

(0) State recipient

(1) Non-state recipient

#### **2.9.1.7 ID of Opponent of Actor Potentially Receiving External Support (oppo\_id)**

*Long tag:* ucdp\_esd\_ty\_oppo\_id

*Original tag:* oppo\_id

*Dataset citation:* Meier et al. (2022)

*Description:*

The unique identifier of the opponent (government or opposition actor) involved in an active armed conflict with the potential support recipient. Note that this is a primary party to the conflict.

This variable does not correspond to the variable side\_b\_id in the UCDP Dyadic dataset since it includes observations on government and opposition actors.

#### **2.9.1.8 Name of Opponent of Actor Potentially Receiving External Support (oppo\_name)**

*Long tag:* ucdp\_esd\_ty\_oppo\_name

*Original tag:* oppo\_name

*Dataset citation:* Meier et al. (2022)

*Description:*

The name of the opponent (government or opposition actor) involved in an active armed conflict with the potential support recipient. Note that this is a primary party to the conflict.

This variable does not correspond to the variable side\_b in the UCDP Dyadic dataset since it includes observations on government and opposition actors.

#### **2.9.1.9 ID of Dyad (dyad\_id)**

*Long tag:* ucdp\_esd\_ty\_dyad\_id

*Original tag:* dyad\_id

*Dataset citation:* Meier et al. (2022)

*Description:*

The unique identifier of the dyad as given in the UCDP Dyadic Dataset 18.1.

#### **2.9.1.10 Name of Dyad (dyad\_name)**

*Long tag:* ucdp\_esd\_ty\_dyad\_name

*Original tag:* dyad\_name

*Dataset citation:* Meier et al. (2022)

*Description:*

The name of the dyad.

#### **2.9.1.11 One of the Primary Warring Parties Potentially Receiving External Support Being a Non-state Actor (civil)**

*Long tag:* ucdp\_esd\_ty\_civil

*Original tag:* civil

*Dataset citation:* Meier et al. (2022)

*Description:*

Variable identifying all dyad-years in which one of the primary warring parties is a non-state actor (intrastate conflict).

(0) Interstate conflict

(1) Intrastate conflict

#### **2.9.1.12 Conflict ID (conflict\_id)**

*Long tag:* ucdp\_esd\_ty\_conflict\_id

*Original tag:* conflict\_id

*Dataset citation:* Meier et al. (2022)

*Description:*

The unique identifier of the conflict to which the dyad belongs as given in the UCDP/PRIO Armed Conflict Dataset 18.1.

#### **2.9.1.13 ID of Country Having a Primary Claim to Incompatibility (location)**

*Long tag:* ucdp\_esd\_ty\_location

*Original tag:* location

*Dataset citation:* Meier et al. (2022)

*Description:*

The name of the country/countries whose government(s) has a primary claim to the incompatibility as given in the UCDP Dyadic 18.1. Note that this is not necessarily the geographical location of the conflict. If multiple countries are listed, this is comma-separated.

#### **2.9.1.14 Name of Country for Side A (country\_a)**

*Long tag:* ucdp\_esd\_ty\_country\_a

*Original tag:* country\_a

*Dataset citation:* Meier et al. (2022)

*Description:*

In intrastate conflicts, the name of the conflict-country. In interstate conflicts, the name of one of the primary warring parties.

#### **2.9.1.15 Name of Country for Side B (country\_b)**

*Long tag:* ucdp\_esd\_ty\_country\_b

*Original tag:* country\_b

*Dataset citation:* Meier et al. (2022)

*Description:*

In interstate conflicts, the name of one of the primary warring parties. Empty in intrastate conflicts.

## 2.9.2 External Support

Variables in this section identify for instance the type and amount of external support provided and whether support was provided by state or non-state actors. External support is defined as the provision of militarily relevant assistance by an outside party to a primary warring party in a state-based armed conflict with the intent to assist that party in that conflict. . The separate elements of the definition are operationalized as follows: (1) Militarily relevant assistance: materiel, knowledge, or services with a direct role in the pursuit of armed conflict. (2) Outside party: any state or organised armed group listed in the UCDP Actor Dataset that is not a primary warring party in the conflict in a given year including in a different conflict-dyad. (3) Primary warring party: a government of a state or any opposition organisation or alliance of organisations that uses armed force to promote its position in the incompatibility in an intrastate or an interstate armed conflict. (4) Intent to assist: the support is provided deliberately and with the clear (long-term) goal of facilitating military victory of the support recipient over the opponent the recipient shares an incompatibility with. (5) State-based armed conflict: a contested incompatibility that concerns government and/or territory where the use of armed force between two parties, of which at least one is the government of a state, results in at least 25 battle-related deaths in one calendar year.

### 2.9.2.1 Gleditsch and Ward country code A (gwno\_a)

*Long tag:* ucdp\_esd\_ty\_gwno\_a

*Original tag:* gwno\_a

*Dataset citation:* Meier et al. (2022)

*Description:*

In intrastate conflicts, the Gleditsch and Ward country code of the conflict-country. In interstate conflicts, the Gleditsch and Ward country code of one of the primary warring parties.

### 2.9.2.2 Gleditsch and Ward country code B (gwno\_b)

*Long tag:* ucdp\_esd\_ty\_gwno\_b

*Original tag:* gwno\_b

*Dataset citation:* Meier et al. (2022)

*Description:*

In interstate conflicts, the Gleditsch and Ward country code of one of the primary warring parties. Empty in intrastate conflicts.

### 2.9.2.3 External ID (ext\_id)

*Long tag:* ucdp\_esd\_ty\_ext\_id

*Original tag:* ext\_id

*Dataset citation:* Meier et al. (2022)

*Description:*

The unique identifier of the external supporter (government or opposition actor).

The external supporter is an outside party providing external support. The ESD only considers foreign governments and organised armed groups listed in the UCDP Actor List as potential external supporters.<sup>3</sup> Support by international organisations or coalitions of states is disaggregated and attributed to the contributing countries (cf. 5. Coding Decisions). Support is considered external if it originates from an outside party that is not a primary warring party to the conflict including in a different conflict-dyad in the same conflict in a given year. For state support, this includes all foreign governments that do not share an



incompatibility with one of the warring parties in the conflict. For non-state support, this includes all organised armed groups that do not share an incompatibility with the government side in the conflict in the same year, although they might be physically present in the same territory. Outside parties providing support to an external supporter, e.g. granting access to bases to an external supporter or financing a coalition providing external support, do not enter the dataset (cf. 5. Coding Decisions). Support from diaspora groups, lobby groups, private businesses, religious institutions, criminal networks, charities, and individuals is not included.

#### 2.9.2.4 External Supporter Name (`ext_name`)

*Long tag:* `ucdp_esd_ty_ext_name`

*Original tag:* `ext_name`

*Dataset citation:* Meier et al. (2022)

*Description:*

The name of the external supporter (government or opposition actor).

The external supporter is an outside party providing external support. The ESD only considers foreign governments and organised armed groups listed in the UCDP Actor List as potential external supporters.<sup>3</sup> Support by international organisations or coalitions of states is disaggregated and attributed to the contributing countries (cf. 5. Coding Decisions). Support is considered external if it originates from an outside party that is not a primary warring party to the conflict including in a different conflict-dyad in the same conflict in a given year. For state support, this includes all foreign governments that do not share an incompatibility with one of the warring parties in the conflict. For non-state support, this includes all organised armed groups that do not share an incompatibility with the government side in the conflict in the same year, although they might be physically present in the same territory. Outside parties providing support to an external supporter, e.g. granting access to bases to an external supporter or financing a coalition providing external support, do not enter the dataset (cf. 5. Coding Decisions). Support from diaspora groups, lobby groups, private businesses, religious institutions, criminal networks, charities, and individuals is not included.

#### 2.9.2.5 Non-state Supporter (`ext_nonstate`)

*Long tag:* `ucdp_esd_ty_ext_nonstate`

*Original tag:* `ext_nonstate`

*Dataset citation:* Meier et al. (2022)

*Description:*

Variable identifying all observations in which the external supporter is a non-state actor.

(0) State supporter

(1) Non-state supporter

External support is considered to be provided by elements of a state when it is provided by a sub-state entity or a part of the regime without authorization from the central government. These include intelligence organisations, rogue parts of the military, political parties not in power, and regional and local administrations acting independently. If the actions of the substate actor are, according to all available information, likely to be condoned by the government, but such approval is publicly denied, external support is coded as regular (or alleged) state support instead.

#### 2.9.2.6 Coalition Support (`ext_coalition`)

*Long tag:* `ucdp_esd_ty_ext_coalition`

*Original tag:* `ext_coalition`

*Dataset citation:* Meier et al. (2022)

*Description:*

Variable identifying all observations in which external support is provided as part of a

coalition effort.

- (0) Bilateral support
- (1) Coalition support

External support is considered part of a coalition effort if three or more states formally agree to coordinate their efforts and to provide assistance to the same warring party or multiple warring parties jointly. This can take on the shape of an ad hoc coalition with a conflict-related purpose or operations run by established multilateral organisations such as the United Nations, the North Atlantic Treaty Organization or regional organisations. Over the observation period, 20 such coalitions formed. Appendix 1 contains a list of all coalitions that appear in the ESD. Contributing countries are listed separately but contain the same coalition name in the coalition variable. Alliances between non-state actors also exist, but do not appear in the coalition variable.<sup>4</sup> Support provided by an international organisation directly and not administered through contributing countries is not included.

#### **2.9.2.7 Coalition Name (ext\_coalition\_name)**

*Long tag:* ucdp\_esd\_ty\_ext\_coalition\_name

*Original tag:* ext\_coalition\_name

*Dataset citation:* Meier et al. (2022)

*Description:*

The name of the coalition.

#### **2.9.2.8 Substate Actor Support (ext\_elements)**

*Long tag:* ucdp\_esd\_ty\_ext\_elements

*Original tag:* ext\_elements

*Dataset citation:* Meier et al. (2022)

*Description:*

Variable identifying all observations in which external support is provided by a substate actor.

- (0) No substate support
- (1) Support provided by substate actor

#### **2.9.2.9 External Support to Both Sides (ext\_bothsides)**

*Long tag:* ucdp\_esd\_ty\_ext\_bothsides

*Original tag:* ext\_bothsides

*Dataset citation:* Meier et al. (2022)

*Description:*

Variable identifying all observations in which an external supporter provides support to both primary warring parties in a conflict-dyad.

- (0) Support to one side
- (1) Support to both sides

External support is considered to be provided to both sides when the same external supporter provides assistance to both primary warring parties in a conflict-dyad in the same year. This is sometimes the case when external supporters switch sides within a calendar year or when opposition actors replace the government and become the government side, turning the ousted government into the opposition actor. In rare cases, the leadership of an external supporter provides assistance to one side in a conflict while a substate actor supports the opposition (cf. 4.5 Elements of states support). The variable allows to easily identify these cases so that they can be handled in a manner appropriate to the research interest.

#### **2.9.2.10 Alleged External Support (ext\_alleged)**

*Long tag:* ucdp\_esd\_ty\_ext\_alleged

*Original tag:* ext\_alleged

*Dataset citation:* Meier et al. (2022)

*Description:*

Variable identifying all observations in which external support was alleged but could not be confirmed. Note that this variable is set to 0 if one of the types of support can be confirmed.

- (0) Confirmed support
- (1) Alleged support

All efforts were made to confirm (or refute) each claim of external support, however, this was not always conclusive. Where it was impossible to confirm support with any credible reference, but allegations of such support were widespread and influential, they were added as alleged support. Allegations of external support against a rival found exclusively in state-controlled outlets and not echoed by a third party were not included. Confirmed external support of unclear type was added as unknown support.

This is by definition a backup category and the use of this data should include further research into the cases listed thereunder. Yet, it allows the inclusion of some much-discussed cases whose non-inclusion would equally cause concern.

**2.9.2.11 Existence of External Supporter (ext\_sup)**

*Long tag:* ucdp\_esd\_ty\_ext\_sup

*Original tag:* ext\_sup

*Dataset citation:* Meier et al. (2022)

*Description:*

Variable identifying all observations in which external support was provided by any supporter.

- (0) No external support
- (1) External support

External support needs to be intentional, direct, and aimed at enhancing military capabilities. It thus excludes cases where support is provided unintentionally, e.g. because of state weakness, such as porous borders or indirectly, e.g. measures that effectively weaken a warring party but are not designed to support the opposing side, such as sanctions. Advocacy in front of international bodies, offers to mediate, humanitarian assistance, and diplomatic support are not considered external support in this context as they do not constitute the provision of resources with a direct role in the pursuit of armed conflict and/or with the clear intent to facilitate (military) victory of one side over the other. If any of the types of external support is present, the overall measure for external support is set to 1, indicating external support in a given year. References to external support without specified supporter or recipient are not included.

**2.9.2.12 Existence of Troop Support (ext\_x)**

*Long tag:* ucdp\_esd\_ty\_ext\_x

*Original tag:* ext\_x

*Dataset citation:* Meier et al. (2022)

*Description:*

Variable identifying all observations in which troop support was provided (1). Note that observations on troop support correspond to Integer 9 observations of secondary warring support in the UCDP Dyadic Dataset. Non-state troop support is set to 0 in all observations.

**2.9.2.13 Existence of Foreign Troop Presence Support (ext\_p)**

*Long tag:* ucdp\_esd\_ty\_ext\_p

*Original tag:* ext\_p

*Dataset citation:* Meier et al. (2022)

*Description:*

Variable identifying all observations in which a foreign troop presence was observed but did not reach the threshold of troop support (1). Non-state troop support is set to 0 in all observations.

**2.9.2.14 Existence of Access to Infrastructure/Joint Operations Support (ext\_y)**

*Long tag:* ucdp\_esd\_ty\_ext\_y

*Original tag:* ext\_y

*Dataset citation:* Meier et al. (2022)

*Description:*

Variable identifying all observations in which access to infrastructure/joint operations was provided (1).

**2.9.2.15 Existence of Weapons Support (ext\_w)**

*Long tag:* ucdp\_esd\_ty\_ext\_w

*Original tag:* ext\_w

*Dataset citation:* Meier et al. (2022)

*Description:*

Variable identifying all observations in which weapons support was provided (1).

**2.9.2.16 Existence of Material and Logistics Support (ext\_m)**

*Long tag:* ucdp\_esd\_ty\_ext\_m

*Original tag:* ext\_m

*Dataset citation:* Meier et al. (2022)

*Description:*

Variable identifying all observations in which materiel and logistics support was provided (1).

**2.9.2.17 Existence of Training and Expertise Support (ext\_t)**

*Long tag:* ucdp\_esd\_ty\_ext\_t

*Original tag:* ext\_t

*Dataset citation:* Meier et al. (2022)

*Description:*

Variable identifying all observations in which training and expertise support was provided (1)

**2.9.2.18 Existence of Funding Support (ext\_f)**

*Long tag:* ucdp\_esd\_ty\_ext\_f

*Original tag:* ext\_f

*Dataset citation:* Meier et al. (2022)

*Description:*

Variable identifying all observations in which funding support was provided (1).

**2.9.2.19 Existence of Intelligence Support (ext\_i)**

*Long tag:* ucdp\_esd\_ty\_ext\_i

*Original tag:* ext\_i

*Dataset citation:* Meier et al. (2022)

*Description:*

Variable identifying all observations in which intelligence support was provided (1).

**2.9.2.20 Existence of Access to Territory Support (ext\_l)**

*Long tag:* ucdp\_esd\_ty\_ext\_l

*Original tag:* ext\_l

*Dataset citation:* Meier et al. (2022)

*Description:*

Variable identifying all observations in which access to territory was provided (1).

### 2.9.2.21 Existence of Other Support (ext\_o)

*Long tag:* ucdp\_esd\_ty\_ext\_o

*Original tag:* ext\_o

*Dataset citation:* Meier et al. (2022)

*Description:*

Variable identifying all observations in which other support was provided (1).

### 2.9.2.22 Existence of Unknown Support (ext\_u)

*Long tag:* ucdp\_esd\_ty\_ext\_u

*Original tag:* ext\_u

*Dataset citation:* Meier et al. (2022)

*Description:*

Variable identifying all observations in which unknown support was provided (1).

### 2.9.2.23 Number of Different Types of Support Provided by All External Supporters (ext\_sum)

*Long tag:* ucdp\_esd\_ty\_ext\_sum

*Original tag:* ext\_sum

*Dataset citation:* Meier et al. (2022)

*Description:*

Count of the number of different types of support provided.

## 2.10 UCDP External Support in Non-state Conflict Dataset

**Dataset tag:** ucdp\_extsupp

**Output Unit:** UCDP Dyad-Year, i.e., data is collected per dyad and year. That means there is one row for each combination of dyad and year in the dataset. This unit is identified using the dyadid\_new column and the year column.

**Description:** A dyad-year dataset containing information on external support in non-state conflict. The dataset covers non-state conflicts in Africa, 1989-2011 and is compatible with the UCDP Non-State Conflict Dataset v. 2.5-2016.

The data builds on and extends the UCDP External Support Dataset and the UCDP Non-State Conflict Dataset by introducing additional information on external support to warring parties in non-state conflicts.

**Dataset citation:**

Nina von Uexkull Therese Pettersson (2018) Issues and Actors in African Nonstate Conflicts: A New Data Set. *International Interactions*.  
<https://www.tandfonline.com/doi/full/10.1080/03050629.2018.1493478>

**Link to original codebook**

[https://ucdp.uu.se/downloads/nonstateconflict/Codebook\\_extsupp.pdf](https://ucdp.uu.se/downloads/nonstateconflict/Codebook_extsupp.pdf)

**License:** UCDP offers a web-based system for visualising, handling and downloading data, including ready-made datasets on organized violence and peacemaking. All UCDP data are free of charge.

More detailed information on the dataset can be found at the following web page:  
<https://ucdp.uu.se/downloads/index.html>

### 2.10.1 Identifiers

These variables identify the conflicting parties using the UCDP ID system for conflicts, actors and dyads.

#### 2.10.1.1 Dyad Old ID (*dyad\_id*)

*Long tag:* ucdp\_extsupp\_dyad\_id

*Original tag:* dyad\_id

*Dataset citation:* Von Uexkull & Pettersson (2018)

*Description:*

The identifier of the Non-state conflict. This version of the External Support in Non-state Conflict Dataset is compatible with the UCDP Non-state Conflict Dataset v.2.5-2016. In 2017 the ID system for conflicts, actors and dyads was changed in order to make it unique across all UCDP core datasets and all UCDP types of violence. This variable corresponds to the Dyad ID reported in the v.2.5-2016 Dataset. For the Dyad ID according to the new ID system, please consult the *dyadid\_new* variable.

#### 2.10.1.2 Dyad New ID (*dyadid\_new*)

*Long tag:* ucdp\_extsupp\_dyadid\_new

*Original tag:* dyadid\_new

*Dataset citation:* Von Uexkull & Pettersson (2018)

*Description:*

The unique identifier of the Non-state conflict.

This version of the External Support in Non-state Conflict Dataset is compatible with the UCDP Non-state Conflict Dataset v.2.5-2016. In 2017 the ID system for conflicts, actors and dyads was changed in order to make it unique across all UCDP core datasets and all UCDP types of violence. This variable contains information on the Dyad ID according to the new ID system. To download a conversion table containing new and old IDs, visit <http://ucdp.uu.se/downloads/>.

#### 2.10.1.3 Name of Side A (*side\_a\_name*)

*Long tag:* ucdp\_extsupp\_side\_a\_name

*Original tag:* side\_a\_name

*Dataset citation:* Von Uexkull & Pettersson (2018)

*Description:*

The party that constitute Side A in the conflict. For each conflict the parties are listed in alphabetical order, using the latest known names of the parties involved.

#### 2.10.1.4 Actor ID of Side A (*side\_a\_id*)

*Long tag:* ucdp\_extsupp\_side\_a\_id

*Original tag:* side\_a\_id

*Dataset citation:* Von Uexkull & Pettersson (2018)

*Description:*

The ID of the groups that make up Side A. For conflicts

with multiple actors fighting together a temporary coalition ID has been assigned.

This version of the External Support in Non-state Conflict Dataset is compatible with the UCDP Non-state Conflict Dataset v.2.5-2016. In 2017 the ID system for conflicts, actors and dyads was changed in order to make it unique across all UCDP core datasets and all UCDP types of violence. This variable corresponds to the Side A ID reported in the v.2.5-2016 Dataset. To download a conversion table containing new and old IDs, visit <http://ucdp.uu.se/downloads/>.

#### 2.10.1.5 Name of Side B (*side\_b\_name*)

*Long tag:* ucdp\_extsupp\_side\_b\_name

*Original tag:* side\_b\_name

*Dataset citation:* Von Uexkull & Pettersson (2018)

*Description:*

The party that constitute Side B in the conflict. For each conflict the parties are listed in alphabetical order, using the latest known names of the parties involved.

#### 2.10.1.6 Actor ID of Side B (side\_b\_id)

*Long tag:* ucdp\_extsupp\_side\_b\_id

*Original tag:* side\_b\_id

*Dataset citation:* Von Uexkull & Pettersson (2018)

*Description:*

The ID of the groups that make up Side B. For conflicts with multiple actors fighting together a temporary coalition ID has been assigned.

This version of the External Support in Non-state Conflict Dataset is compatible with the UCDP Non-state Conflict Dataset v.2.5-2016. In 2017 the ID system for conflicts, actors and dyads was changed in order to make it unique across all UCDP core datasets and all UCDP types of violence. This variable corresponds to the Side B ID reported in the v.2.5-2016 Dataset. To download a conversion table containing new and old IDs, visit <http://ucdp.uu.se/downloads/>.

### 2.10.2 Organizational Actor Level

Variables in this section describe the organizational level of the warring sides.

#### 2.10.2.1 Organizational Level (org)

*Long tag:* ucdp\_extsupp\_org

*Original tag:* org

*Dataset citation:* Von Uexkull & Pettersson (2018)

*Description:*

This variable indicates the organizational level of the warring sides. The level of organization is determined according to the following categories:

**Organizational level 1** (formally organized groups): Rebel groups and other organized groups that have a high enough level of organization so as to be possible to include in the state-based armed conflict category. These include rebel groups with an announced name, as well as military factions (Forces of...). This level of organization captures fighting between highly organized rebel groups and fatalities are recorded according to the criteria set for battle-related deaths in the state-based conflict category.

**Organizational level 2** (informally organized groups): Groups composed of supporters and affiliates to political parties and candidates. These are commonly not groups that are permanently organized for combat, but who at times use their organizational structures for such purposes. Battle-related deaths are recorded according to section 3.2.a of the definition of non-state conflict.

**Organizational level 3** (informally organized groups): Groups that share a common identification along ethnic, clan, religious, national or tribal lines. These are not groups that are permanently organized for combat, but who at times organize themselves along said lines to engage in fighting. This level of organization captures aspects of what is commonly referred to as 'communal conflicts', in that conflict stands along lines of communal identity. Battle-related deaths are recorded according to section 3.2.a of the definition of non-state conflict.

### 2.10.3 Support

Variables in this section give information on whether the conflicting parties receive support from external actors.

**2.10.3.1 Actor IDs of Components of Side A (side\_a\_components)**

*Long tag:* ucdp\_extsupp\_side\_a\_components

*Original tag:* side\_a\_components

*Dataset citation:* Von Uexkull & Pettersson (2018)

*Description:*

For conflicts with multiple actors fighting together, the actors' separate Actor IDs are listed in this variable and separated by a comma.

**2.10.3.2 Side A Receiving Support from External Actor (support\_a)**

*Long tag:* ucdp\_extsupp\_support\_a

*Original tag:* support\_a

*Dataset citation:* Von Uexkull & Pettersson (2018)

*Description:*

support\_a is a binary variable that codes whether the actor listed in Side A received support from an external actor during the year. The variable takes the value of 1 if Side A received any form of clearly established external support from one or more external supporter(s) in a given year. If not, a 0 is coded.

**2.10.3.3 Side A Receiving Alleged Support from External Actor (support\_a\_alleged)**

*Long tag:* ucdp\_extsupp\_support\_a\_alleged

*Original tag:* support\_a\_alleged

*Dataset citation:* Von Uexkull & Pettersson (2018)

*Description:*

support\_a\_alleged is a binary variable that codes whether there are only allegations that the actor listed in Side A received support from an external actor during the year. The variable takes the value of 1 if only alleged support has been found for Side A in a given year. If not, a 0 is coded. If there is clearly established external support (shown in the variable support\_a), this variable takes the value of 0.

**2.10.3.4 Actor IDs of Components of Side B (side\_b\_components)**

*Long tag:* ucdp\_extsupp\_side\_b\_components

*Original tag:* side\_b\_components

*Dataset citation:* Von Uexkull & Pettersson (2018)

*Description:*

For conflicts with multiple actors fighting together, the actors' separate Actor IDs, are listed in this variable and separated by a comma.

**2.10.3.5 Side B Receiving Support from External Actor (support\_b)**

*Long tag:* ucdp\_extsupp\_support\_b

*Original tag:* support\_b

*Dataset citation:* Von Uexkull & Pettersson (2018)

*Description:*

support\_b is a binary variable that codes whether the actor listed in Side B received support from an external actor during the year. The variable takes the value of 1 if Side B received any form of clearly established external support from one or more external supporter(s) in a given year. If not, a 0 is coded.

**2.10.3.6 Side B Receiving Alleged Support from External Actor (support\_b\_alleged)**

*Long tag:* ucdp\_extsupp\_support\_b\_alleged

*Original tag:* support\_b\_alleged



*Dataset citation:* Von Uexkull & Pettersson (2018)

*Description:*

support\_b\_alleged is a binary variable that codes whether there are only allegations that the actor listed in Side B received support from an external actor during the year. The variable takes the value of 1 if only alleged support has been found for Side B in a given year. If not, a 0 is coded. If there is clearly established external support (shown in the variable support\_b), this variable takes the value of 0.

### **2.10.3.7 Existence of Any Confirmed Support from External Actor (support\_confirmed)**

*Long tag:* ucdp\_extsupp\_support\_confirmed

*Original tag:* support\_confirmed

*Dataset citation:* Von Uexkull & Pettersson (2018)

*Description:*

support\_confirmed is a binary variable that codes whether any support from an external actor was confirmed in a given dyad in a given year, The variable takes the value of 1 if Side A, Side B, or both, received any form of clearly established external support from one or more external supporter(s) in a given year. If not, a 0 is coded.

### **2.10.3.8 Existence of Any Confirmed or Alleged Support from External Actor (support\_any)**

*Long tag:* ucdp\_extsupp\_support\_any

*Original tag:* support\_any

*Dataset citation:* Von Uexkull & Pettersson (2018)

*Description:*

support\_any is a binary variable that codes whether any support from an external actor, confirmed or alleged, was registered in a given dyad in a given year, The variable takes the value of 1 if Side A, Side B, or both, received any form of clearly established external support, or alleged support, from one or more external supporter(s) in a given year. If not, a 0 is coded.

## **2.10.4 Timely Dimension**

These variables provide information on when the conflict takes place.

### **2.10.4.1 Year (year)**

*Long tag:* ucdp\_extsupp\_year

*Original tag:* year

*Dataset citation:* Von Uexkull & Pettersson (2018)

*Description:*

The year of observation.

## **2.10.5 Geographical Information**

These variables provide information on where the conflict takes place.

### **2.10.5.1 Countries where Fighting Taking Place (location)**

*Long tag:* ucdp\_extsupp\_location

*Original tag:* location

*Dataset citation:* Von Uexkull & Pettersson (2018)

*Description:*

The countries where fighting took place in the dyad-year. Comma-separated if multiple.

## 2.11 UCDP Georeferenced Event Dataset (GED) Version 24.1

**Dataset tag:** ucdp\_ged

**Output Unit:** UCDP Event ID, i.e., data is collected per event. That means each row in the dataset corresponds to one event. The column identifying this unit is id. We include additional identifier columns as unit columns nonetheless as they are used for aggregating and disaggregating the dataset for further translations.

**Description:** This dataset is UCDP's most disaggregated dataset, covering individual events of organized violence (phenomena of lethal violence occurring at a given time and place). These events are sufficiently fine-grained to be geo-coded down to the level of individual villages, with temporal durations disaggregated to single, individual days.

**Dataset citation:**

Davies, Shawn, Garoun Engström, Therese Pettersson Magnus Öberg (2024). Organized violence 1989-2023, and the prevalence of organized crime groups. *Journal of Peace Research* 61(4).

Sundberg, Ralph and Erik Melander (2013) Introducing the UCDP Georeferenced Event Dataset. *Journal of Peace Research* 50(4).

**Link to original codebook**

<https://ucdp.uu.se/downloads/ged/ged231.pdf>

**License:** UCDP offers a web-based system for visualising, handling and downloading data, including ready-made datasets on organized violence and peacemaking. All UCDP data are free of charge.

More detailed information on the dataset can be found at the following web page:  
<https://ucdp.uu.se/downloads/index.html>

### 2.11.1 Event Identifiers

This section provides unique identifiers for every event (row/entry) in the dataset. Variables in this section can be used as a unique key for the dataset.

#### 2.11.1.1 Event ID (id)

*Long tag:* ucdp\_ged\_id

*Original tag:* id

*Dataset citation:* Davies et al. (2024)

*Description:*

A unique numeric ID identifying each event.

#### 2.11.1.2 Event REL-ID (relid)

*Long tag:* ucdp\_ged\_relid

*Original tag:* relid

*Dataset citation:* Davies et al. (2024)

*Description:*

Only used in older versions of the dataset, empty variable in the api 24.1 version, removed in the other formats for UCDP GED 24.1.

### 2.11.2 Actors and Dyads

This section provides variables that allow for linkages between the UCDP GED and all other UCDP datasets. This section also provides with variables to allow you to aggregate/filter/extract data on

conflict, dyad or actor.

Most UCDP IDs (side/actor, dyad and conflict) have been changed starting with version 17.1 to resolve some severe problems with non-unique, conflicting IDs in the previous scheme. As a feature, the new system allows you to merge data across datasets without having to always take the “type of violence” variable into account. Thus, the side/actor, dyad and conflict IDs in version 22.1 are no longer compatible with IDs used in versions of UCDP datasets prior to 17.1. Some external datasets that use UCDP data for anchoring purposes (e.g. ACD2EPR) have been updated to make use of the new ID structure at time of writing; others have not (e.g. the Non-State Actor Dataset). Be careful against which version you are matching such datasets. Translation tables are available between the current version of IDs and the old versions at <http://ucdp.uu.se/downloads/>. These should only be used if you need to use version 17.1-22.1 datasets with “older” datasets using the old UCDP ID structure (either produced by UCDP or produced externally) OR if you upgrade a dataset to the new version ID structure. Note also that side IDs are no longer the Gleditsch and Ward Number for state actors. Use the GWNoA/GWNoB variable instead. Note also that the dyad and conflict ID of government-perpetrated one-sided violence are no longer the ID of the perpetrating state. Use GWNoA instead. Note also that the dyad and conflict ID of rebel-perpetrated one-sided violence are no longer the ID of the perpetrating actor. Use SideA instead. Note also that the dyad and conflict ID of non-state conflict are no longer identical. Both are indicated in both UCDP GED and the UCDP Non-State dataset.

#### 2.11.2.1 Year (year)

*Long tag:* ucdp\_ged\_year

*Original tag:* year

*Dataset citation:* Davies et al. (2024)

*Description:*

The year of the event

#### 2.11.2.2 Event Belonging to Active Conflict/Dyad/Actor-Year (active\_year)

*Long tag:* ucdp\_ged\_active\_year

*Original tag:* active\_year

*Dataset citation:* Davies et al. (2024)

*Description:*

- 1: if the event belongs to an active conflict/dyad/actor-year
- 0: otherwise

Active years are years that have crossed the 25 battle related deaths threshold and non-active years are the remainder.

If a dyad crossed the 25-deaths threshold in a single year, but did generate some events in either previous or subsequent years, all events belonging to the dyad are included, including those in years where the threshold was not crossed.

#### 2.11.2.3 Type of Violence (type\_of\_violence)

*Long tag:* ucdp\_ged\_type\_of\_violence

*Original tag:* type\_of\_violence

*Dataset citation:* Davies et al. (2024)

*Description:*

- Type of UCDP conflict:
- 1: state-based conflict
- 2: non-state conflict
- 3: one-sided violence

#### 2.11.2.4 Old ID of Conflict (conflict\_dset\_id)

*Long tag:* ucdp\_ged\_conflict\_dset\_id

*Original tag:* conflict\_dset\_id

*Dataset citation:* Davies et al. (2024)

*Description:*

Only used in older versions of the dataset, exists but should not be used in the api 24.1 version, removed in the other formats for UCDP GED 24.1.

#### 2.11.2.5 Conflict ID (conflict\_new\_id)

*Long tag:* ucdp\_ged\_conflict\_new\_id

*Original tag:* conflict\_new\_id

*Dataset citation:* Davies et al. (2024)

*Description:*

A unique conflict identification code for each individual conflict in the dataset.

UCDP Conflict ID for state based, non-state conflicts and one-sided violence as per the UCDP/PRIO Armed Conflict Dataset and UCDP Non-State Dataset and UCDP One-Sided dataset version 24.1.

Fully compatible with UCDP/PRIO Armed Conflict Dataset, UCDP Non-State Dataset and UCDP One-Sided Violence Dataset versions 17.1 and later.

This identifier is unique across the dataset (i.e. a non-state conflict cannot have the same identifier as a state-based conflict or a one-sided instance), irrespective of type of violence, and may be used for filtering and aggregation

Warning: Not compatible with pre-17.1 versions of any UCDP datasets.

#### 2.11.2.6 Conflict Name (conflict\_name)

*Long tag:* ucdp\_ged\_conflict\_name

*Original tag:* conflict\_name

*Dataset citation:* Davies et al. (2024)

*Description:*

Name of the UCDP conflict to which the event belongs. For non-state conflicts and one-sided violence this is the same as the dyad name.

#### 2.11.2.7 Dyad Old ID (dyad\_dset\_id)

*Long tag:* ucdp\_ged\_dyad\_dset\_id

*Original tag:* dyad\_dset\_id

*Dataset citation:* Davies et al. (2024)

*Description:*

Only used in older versions of the dataset, exists but should not be used in the api 24.1 version, removed in the other formats for UCDP GED 24.1.

#### 2.11.2.8 Dyad ID (dyad\_new\_id)

*Long tag:* ucdp\_ged\_dyad\_new\_id

*Original tag:* dyad\_new\_id

*Dataset citation:* Davies et al. (2024)

*Description:*

A unique conflict identification code for each individual dyad in the dataset.

UCDP Dyad ID for state based conflicts, non-state conflicts and one-sided incidences as per the UCDP/PRIO Armed Conflict Dataset, UCDP Non-State Dataset and UCDP One-Sided Violence Datasets versions 24.1.

Fully compatible with UCDP/PRIO Armed Conflict Dataset, UCDP Non-State Dataset and UCDP One-Sided Violence Dataset versions 17.1 and later.

This identifier is unique across the dataset (i.e. a non-state conflict cannot have the same identifier as a state-based conflict or a one-sided instance), irrespective of type of violence, and may be used for filtering and aggregation

Warning: Not compatible with pre-17.1 versions of any UCDP datasets.

### 2.11.2.9 Dyad Name (`dyad_name`)

*Long tag:* `ucdp_ged_dyad_name`

*Original tag:* `dyad_name`

*Dataset citation:* Davies et al. (2024)

*Description:*

Name of the conflict dyad creating the event.

A dyad is the pair of two actors engaged in violence (in the case of one-sided violence, the perpetrator of violence and civilians).

The two sides are separated by an ASCII dash (e.g. Government of Russia - Caucasus Emirate, Taleban - civilians).

### 2.11.2.10 Old ID of Side A (`side_a_dset_id`)

*Long tag:* `ucdp_ged_side_a_dset_id`

*Original tag:* `side_a_dset_id`

*Dataset citation:* Davies et al. (2024)

*Description:*

Only used in older versions of the dataset, exists but should not be used in the api 24.1 version, removed in the other formats for UCDP GED 24.1.

### 2.11.2.11 Actor ID of Side A (`side_a_new_id`)

*Long tag:* `ucdp_ged_side_a_new_id`

*Original tag:* `side_a_new_id`

*Dataset citation:* Davies et al. (2024)

*Description:*

A unique ID of side A.

Fully compatible with UCDP/PRIO Armed Conflict Dataset, UCDP Non-State Dataset and UCDP One-Sided Violence Dataset versions 17.1 and later.

Warning: Not compatible with pre-17.1 versions of any UCDP datasets.

Note that this ID is no longer the Gleditsch and Ward number for State actors/sides. If you need that identifier, use `gwnoa` described below.

### 2.11.2.12 Name of Side A (`side_a`)

*Long tag:* `ucdp_ged_side_a`

*Original tag:* `side_a`

*Dataset citation:* Davies et al. (2024)

*Description:*

The name of Side A in the dyad. In state-based conflicts always a government. In one-sided violence always the perpetrating party.

**2.11.2.13 Old ID of Side B (side\_b\_dset\_id)**

*Long tag:* ucdp\_ged\_side\_b\_dset\_id

*Original tag:* side\_b\_dset\_id

*Dataset citation:* Davies et al. (2024)

*Description:*

Only used in older versions of the dataset, exists but should not be used in the api 24.1 version, removed in the other formats for UCDP GED 24.1.

**2.11.2.14 Actor ID of Side A (side\_b\_new\_id)**

*Long tag:* ucdp\_ged\_side\_b\_new\_id

*Original tag:* side\_b\_new\_id

*Dataset citation:* Davies et al. (2024)

*Description:*

A unique ID of side B.

Fully compatible with UCDP/PRIO Armed Conflict Dataset, UCDP Non-State Dataset and UCDP One-Sided Violence Dataset versions 17.1 and later.

Warning: Not compatible with pre-17.1 versions of any UCDP datasets.

Note that this ID is no longer the Gleditsch and Ward number for State actors/sides. If you need that identifier, use gwnob described below.

**2.11.2.15 Name of Side B (side\_b)**

*Long tag:* ucdp\_ged\_side\_b

*Original tag:* side\_b

*Dataset citation:* Davies et al. (2024)

*Description:*

The name of Side B in the dyad. In state-based always the rebel movement or rivalling government. In one-sided violence always “civilians”.

**2.11.2.16 Country GW ID for Side A (gwnoa)**

*Long tag:* ucdp\_ged\_gwnoa

*Original tag:* gwnoa

*Dataset citation:* Davies et al. (2024)

*Description:*

The Gleditsch and Ward number for Side A if the side is a state.

Empty if Side A is not a state.

**2.11.2.17 Country GW ID for Side B (gwnob)**

*Long tag:* ucdp\_ged\_gwnob

*Original tag:* gwnob

*Dataset citation:* Davies et al. (2024)

*Description:*

The Gleditsch and Ward number for Side B if the side is a state.

Empty if Side B is not a state.

**2.11.3 Dataset Version**

The version of the dataset.

**2.11.3.1 Event's Code Status (code\_status)***Long tag:* ucdp\_ged\_code\_status*Original tag:* code\_status*Dataset citation:* Davies et al. (2024)*Description:*

Always clear, only used for monthly releases of candidate events, only available in the api 24.1 version, removed in the other formats for UCDP GED 24.1.

**2.11.4 Description of Sources**

This section contains references to the sources underlying each event. See section 4.2 for a description of the data collection processes and source selection process. The full texts of these sources are often copyrighted to news agencies/publishers. If you need to obtain access to the full text of reports, you will either need to re-download them from Factiva/Lexis Nexis or other relevant source provider. UCDP does not store the unique identifiers that Factiva, Reuters, AFP etc. assigns to an article, as during the decades-long data collection process we observed such identifiers change multiple times, making them useless for tracing source material directly.

**2.11.4.1 Number of Source Material (number\_of\_sources)***Long tag:* ucdp\_ged\_number\_of\_sources*Original tag:* number\_of\_sources*Dataset citation:* Davies et al. (2024)*Description:*

Number of total sources containing information for an event that were consulted.

Note that this variable is only available for data collected since 2013 and for recently revised events. For older data, -1. Note that -1 does not mean information on the source is missing; reference to the source material is always available in the **source\_article** field.

**2.11.4.2 Information on Event's Source Material (source\_article)***Long tag:* ucdp\_ged\_source\_article*Original tag:* source\_article*Dataset citation:* Davies et al. (2024)*Description:*

References to the names, dates and titles of the source material from which information on the event is gathered.

**A reference to at least one source material is available for ALL EVENTS.**

This variable is highly streamlined for information collected since 2013, and is less so for older data. For such older data, abbreviations are sometimes used for source agencies. The most frequent are:

R: Reuters News,  
 BBC: BBC Monitoring  
 AP: Associated Press Newswires  
 AFP: Agence France Presse,  
 X: Xinhua  
 DOW: Dow Jones Wires

**2.11.4.3 Name of Organizations Publishing Event's Source Material (source\_office)***Long tag:* ucdp\_ged\_source\_office*Original tag:* source\_office*Dataset citation:* Davies et al. (2024)

*Description:*

The name of the organizations publishing the source materials.

Note that this variable is only available for data collected since 2013, and for recently revised events. For older data, the field is empty. Note that an empty field does not mean information on the source is missing; reference to the source material is always available in the **source\_article** field, for every event.

**2.11.4.4 Publication Date of Event's Source Material (source\_date)**

*Long tag:* ucdp\_ged\_source\_date

*Original tag:* source\_date

*Dataset citation:* Davies et al. (2024)

*Description:*

The dates the source materials were published on.

Note that this variable is only available for data collected since 2013, and for recently revised events. For older data, the field is empty. Note that an empty field does not mean information on the source is missing; reference to the source material is always available in the **source\_article** field, for every event.

1753-01-01 is set as a default date when the date is missing.

**2.11.4.5 Title of Event's Source Material (source\_headline)**

*Long tag:* ucdp\_ged\_source\_headline

*Original tag:* source\_headline

*Dataset citation:* Davies et al. (2024)

*Description:*

The titles of the source materials.

Note that this variable is only available for data collected for 2013 and 2014, and for recently revised events. For older data, the field is empty. Note that an empty field does not mean information on the source is missing; reference to the source material is always available in the **source\_article** field, for every event.

**2.11.4.6 Name or Type of Person/Organization from which Information about Event Originates in Source Material (source\_original)**

*Long tag:* ucdp\_ged\_source\_original

*Original tag:* source\_original

*Dataset citation:* Davies et al. (2024)

*Description:*

The name or type of person or organization from which the information about the event originates in the original report.

e.g. "police", "Lt. Col. Johnson", "eyewitnesses", "rebel spokesman".

**2.11.5 Geography**

Data in the UCDP GED is geo-referenced, meaning that each event is connected to a specific location defined by a pair of latitude and longitude coordinates. **Each event is connected to a single location.** If reporting talks about multiple locations but gives only one aggregated fatality figure is given, then the following procedure is applied: - one separate event is created for each location; - deaths are split between locations as evenly as possible in order to maintain the fatality figures as integers. The split is performed automatically by the data management system<sup>6</sup>. The coordinates are fixed to the World Geodetic System of 1984 (WGS 84), EPSG SRID 4326. These coordinates



are specified in decimal degrees with a precision of 6 decimal figures (e.g. 75.920211). Coordinates (latitude and longitude) used in the GED are based on the most precise location mentioned in the source. **The lowest level of spatial disaggregation for an urban location is the town, for the rural areas, the village.** Street, neighborhoods, parts of towns are not coded, even when such information is available in the reporting. Thus, a town is always represented by a single pair of latitude and longitude coordinates. Suburbs, as long as they can be seen as separate urban areas, distinct from the main town, are coded as individual towns. Similarly, airports are always coded as separate entities. Other features such as “mountains”, “peaks” and “forests” are also used to specify geographical location, as long as their size is comparable (same order of magnitude) to those of towns or villages. **The next lowest levels of spatial disaggregation are the administrative division of the country.** UCDP uses two levels administrative divisions for every country, the first-order administrative division (referred to as the ADM1) and the second order administrative division (referred to as the ADM2). In the case of multiple, contested administrative systems (such as in Sri Lanka or Nagorno-Karabakh), UCDP uses the administrative system of the government controlling the capital of the country where the event takes place in. The highest level of spatial aggregation for location is the country, defined using the Gleditsch and Ward list. Further, all the geocoding is time-aware, i.e. locations are coded to the place-names and administrative divisions that were in place at the time the event took place. For example, an event that took place in 1989 in what is today St. Petersburg, Russia, is geocoded as happening in Leningrad, Soviet Union. Thus, changes in administrative structures of countries, as well as changes in borders are visible in UCDP GED. The name of the location whose coordinates were assigned to the event is also provided in the `where_coordinates` field. It is the closest location to the event that could be identified and has a pair of known latitude and longitude coordinates. `where_coordinates` is always streamlined - a latitude/longitude pair will only ever link to one `where_coordinates`. Further in `where_coordinates`, all capitals are referred to as “cities”, all urban localities other than capitals as “towns” (New York City Town is a correct name in `where_coordinates`), all rural localities as villages or localities etc.

**Geo-referencing sources** UCDP does not employ an over-arching source for geocoding, as experience has proven that there is no quality global source for location data, especially for conflict zones and least-developed countries. As such, UCDP coders employ sources such as global gazetteers (such as the United States National Geospatial Intelligence Agency’s GEOnet Names Server, Geonames, Maplandia, GeoHack or the Google Geocoding API), local maps provided by governmental authorities, UN agencies (such as UN OCHA) or local NGOs, as well as, on occasion, historical maps such as the US Army Map Service Global Topographic Maps series. Supervised semi-automatic geocoding is employed in a number of cases (mainly in Europe and the Former Soviet Union), using Google Geocoding API, Yandex and Bing. Strings to be geocoded are always manually extracted, however, and the resulting geocoding is vetted both manually and by automatic procedures. Extreme care is taken to insure the full consistency, coherence and reliability of the data across the dataset. UCDP maintains both a repository of all the names previously geo-coded, as well as internal automated systems designed to insure that consistency (such as 1:1 matches between place-names and coordinates) is maintained throughout the dataset. Information used to determine administrative divisions (labelled ADM1 and ADM2) stem from several different sources, commonly from a government’s own website or reference literature that covers administrative divisions globally. The global ISO 3166-2 standard is further used for identifying administrative divisions. Note that while in most cases ADM1s are the largest administrative divisions in a country, in some cases (such as Russia or Romania) they are not, as the largest administrative division is either solely a statistical reporting unit or simply a legal fiction. Correspondence regarding geographical coordinates, administrative divisions and any general questions or comments regarding the geographic aspects of the coding should be emailed to the maintainer of the dataset. Also, please report any potential errors in the dataset.

**Geo-precision and its Values** In order to determine the precision with which specific latitude and longitude coordinates are connected to an event location, the dataset uses a geo-precision variable. Precise coding rules and examples of how the geo-precision values are assigned in the GED can be found in the Appendix. The geo-precision variable can have seven values: 1 - Event can be related to an exact location, meaning a place name with a specific pair of latitude and longitude coordinates; 2 - Event can be “near”, in the “area” of or up to 25 km away from an exact location, meaning a place name with a specific pair of coordinates; 3 - Event can be related to a second order administrative division (ADM2), such as a district, municipality or commune 4 - Event can be related to a first order administrative division (ADM1), such as a province, state or governorate; 5 - Event can only

be specified to a feature that is neither a known point nor a known formal administrative division, but rather a linear feature (e.g. a long river, a border or a road) or a fuzzy polygon without defined borders (informal regions, large radiuses etc.). A representation point is chosen for the feature and employed. Similarly, if a location is only known to be between two points, and these two points are more than 25 km apart, such locations are coded with geoprecision 5. 6 - Event can only be related to the whole country; 7 - Event can only be related to an estimated pair of coordinates at sea or in the air (provided the airplane did not crash as a result of the event; in such cases the location of the crash is coded with the appropriate precision code).

#### 2.11.5.1 Precision of Event Location (where\_prec)

*Long tag:* ucdp\_ged\_where\_prec

*Original tag:* where\_prec

*Dataset citation:* Davies et al. (2024)

*Description:*

The precision with which the coordinates and location assigned to the event reflects the location of the actual event.

- 1: exact location of the event known and coded.
- 2: event occurred within at maximum a ca. 25 km radius around a known point. The coded point is the known point.
- 3: only the second order administrative division where an event happened is known. That administrative division is coded with a point representing it (typically the centroid).
- 4: only the first order administrative division where an event happened is known. That administrative division is coded with a point representing it (typically the centroid).
- 5: the only spatial reference for the event is neither a known point nor a known formal administrative division, but rather a linear feature (e.g. a long river, a border, a longer road or the line connecting two locations further afield than 25 km) or a fuzzy polygon without defined borders (informal regions, large radiuses etc.). A representation point is chosen for the feature and employed.
- 6: only the country where the event took place in is known.
- 7: event in international waters or airspace.

#### 2.11.5.2 Name of Event Location (where\_coordinates)

*Long tag:* ucdp\_ged\_where\_coordinates

*Original tag:* where\_coordinates

*Dataset citation:* Davies et al. (2024)

*Description:*

Name of the location to which the event is assigned. Fully standardized and normalized.

#### 2.11.5.3 Comment on Event Location (where\_description)

*Long tag:* ucdp\_ged\_where\_description

*Original tag:* where\_description

*Dataset citation:* Davies et al. (2024)

*Description:*

Comment on the location coded, sometimes left empty can include area of the capital or name of a village that has not been found.

#### 2.11.5.4 First Order Administrative Division (ADM1) of Event Location (adm\_1)

*Long tag:* ucdp\_ged\_adm\_1

*Original tag:* adm\_1

*Dataset citation:* Davies et al. (2024)

*Description:*

Name of the first order (largest) administrative division where the event took place.

#### 2.11.5.5 Second Order Administrative Division (ADM2) of Event Location (`adm_2`)

*Long tag:* ucdp\_ged\_adm\_2

*Original tag:* adm\_2

*Dataset citation:* Davies et al. (2024)

*Description:*

Name of the second order administrative division where the event took place.

#### 2.11.5.6 Latitude of Event Location (`latitude`)

*Long tag:* ucdp\_ged\_latitude

*Original tag:* latitude

*Dataset citation:* Davies et al. (2024)

*Description:*

Latitude (in decimal degrees)

#### 2.11.5.7 Longitude of Event Location (`longitude`)

*Long tag:* ucdp\_ged\_longitude

*Original tag:* longitude

*Dataset citation:* Davies et al. (2024)

*Description:*

Longitude (in decimal degrees)

#### 2.11.5.8 OGC Representation of Event Location (`geom_wkt`)

*Long tag:* ucdp\_ged\_geom\_wkt

*Original tag:* geom\_wkt

*Dataset citation:* Davies et al. (2024)

*Description:*

An Open Geospatial Consortium textual representation of the location of each individual point. Formatted as OGC WKT (*well known text*) without SRID.

#### 2.11.5.9 PRIO-GRID Cell ID of Event Location (`priogrid_gid`)

*Long tag:* ucdp\_ged\_priogrid\_gid

*Original tag:* priogrid\_gid

*Dataset citation:* Davies et al. (2024)

*Description:*

The PRIO-grid cell id (**gid**) in which the event took place. Compatibility with PRIO-grid (Tollefsen, 2012) is guaranteed for both PRIO-grid **1** and **2**.

**Warning:** We associate every point to the PRIO-grid that contains it, even if the point is in another country than the one officially assigned to the respective PRIO-grid cell through their majority area rule. It is your responsibility to make sure the covariates for the PRIO-grid cell are correct for each event. Further, for the same reason, DO NOT, under any circumstances, first clip out (subset) PRIO-grid by country before merging with UCDP GED as data loss will certainly occur. Refer to your copy of the PRIO-grid for further details on PRIO-grid's majority assignment rule (p.3 in PrioGRID's original codebook).

#### 2.11.5.10 Country where Event Taking Place (`country`)

*Long tag:* ucdp\_ged\_country

*Original tag:* country

*Dataset citation:* Davies et al. (2024)

*Description:*

Name of the country in which the event takes place.

**2.11.5.11 Country GW ID (country\_id)***Long tag:* ucdp\_ged\_country\_id*Original tag:* country\_id*Dataset citation:* Davies et al. (2024)*Description:*

Gleditsch and Ward number of the country in which the event takes place.

**2.11.5.12 Region (region)***Long tag:* ucdp\_ged\_region*Original tag:* region*Dataset citation:* Davies et al. (2024)*Description:*

Region where the event took place. One of following:

*Africa, Americas, Asia, Europe, Middle East***2.11.6 Clarity**

This codes whether the reporting was sufficiently clear for the coder to be able to fully identify the event itself or not. 1 : (denoting high clarity): events where the reporting allows the coder to identify the event in full. That is, events where the individual happening is described by the original source in a sufficiently detailed way as to identify individual incidents, i.e. separate activities of fighting in a single location: Example of such reporting: “2 people were killed in Banda Aceh town on the 9th of December in fighting between the government and GAM when a car exploded in a main market.” 2 : (denoting lower clarity): for events where an aggregation of information was already made by the source material that is impossible to undo in the coding process. The coder merely has access to sources saying that events have taken place (and has aggregated fatality figures), but cannot break apart the reporting into constituent events. Such events are described by the original source only as aggregates (totals) of multiple separate activities of fighting spanning over a longer period than a single, clearly defined day. Given that the report aggregates multiple incidents into one story impossible to disaggregate back, it is unclear how many battles took place during the time period specified in the source. Thus they are "secondary events", because the form of reporting does not allow the coder to know exactly when the casualties occurred, and how the battles were fought, and the event thus summarises a series of clashes into one event. Of course, UCDP has a preference for events with a clarity of 1; events with a clarity of 2 are just a complement to the former. In fact, often times, it is possible, usually by corroborating multiple reports, to identify some of the clarity-1 events contained in the description making up the event with clarity of 2. In such cases fatalities in such identified events are subtracted from those given in the clarity-2 event. This leads to clarity-2 events sometimes defying the parameters of the fatality estimates, as the ‘high estimate’ may at times be lower than the ‘best’ or ‘low’ estimate.

**Examples of clarity-2 events:** “The Ukrainian government informs that 29 people have died in the past six days in a number of clashes with the separatists along the line of conflict”. "in the past 2 months 120 people were killed in operations throughout Assam". "The responsible for the Aceh military operation indicates that 29 people have been killed in various incidents of fighting over the past five days".

**2.11.6.1 Event Clarity (event\_clarity)***Long tag:* ucdp\_ged\_event\_clarity*Original tag:* event\_clarity*Dataset citation:* Davies et al. (2024)*Description:*

1 (high) for events where the reporting allows the coder to identify the event in full. That is, events where the individual happening is described by the original source in a sufficiently detailed way as to identify individual incidents, i.e. separate activities of fighting in a single location:

Example of such reporting: “2 people were killed in Banda Aceh town on the 9th of December in fighting between the government and GAM when a car exploded in a main market.”

2 (lower) for events where an aggregation of information was already made by the source material that is impossible to undo in the coding process. Such events are described by the original source only as aggregates (totals) of multiple separate activities of fighting spanning over a longer period than a single, clearly defined day.

Examples of such reporting: “The Ukrainian government informs that 29 people have died in the past six days in a number of clashes with the separatists along the line of conflict”.

### 2.11.7 Time

Each event is defined to have occurred at a certain date. The precision of the dataset is one calendar day, starting at 00:00 (midnight) and ending at 23:59 local time. In many cases, the exact day an event has taken place is impossible to find out with any certainty. In those cases, a temporal precision variable is provided which denotes with what accuracy a specific time period in which the event occurred is known. The temporal precision variable can have six values: 1 – the exact day of the event is known; 2 – the exact day of the event is not known, only time period between 2-6 days; 3 – the exact day of the event is not known, only the week; 4 – the exact day of the event is not known, only the month; 5 – the exact day of the event is not known, only the year.

#### 2.11.7.1 Precision of Event Date (date\_prec)

*Long tag:* ucdp\_ged\_date\_prec

*Original tag:* date\_prec

*Dataset citation:* Davies et al. (2024)

*Description:*

How precise the information is about the date of an event.

1: exact date of event is known;

2: the date of the event is known only within a 2-6 day range.

3: only the week of the event is known

4: the date of the event is known only within an 8-30 day range or only the month when the event has taken place is known

5: the date of the event is known only within a range longer than one month but not more than one calendar year.

#### 2.11.7.2 Start Date of Event (date\_start)

*Long tag:* ucdp\_ged\_date\_start

*Original tag:* date\_start

*Dataset citation:* Davies et al. (2024)

*Description:*

The earliest possible date when the event has taken place.

#### 2.11.7.3 End Date of Event (date\_end)

*Long tag:* ucdp\_ged\_date\_end

*Original tag:* date\_end

*Dataset citation:* Davies et al. (2024)

*Description:*

The last possible date when the event has taken place.

### 2.11.8 Fatality Figures

This section provides fatality figures for each event.

A note on civilian deaths: Civilian deaths can exist in all three categories of violence.

In state-based and non-state violence, civilian deaths count “collateral” killings, i.e. when one or more civilians are killed as an effect of fighting between the two warring parties. At times, such fighting may even result in only the civilian bystanders receiving fatal injuries. Similarly, imprecise shelling or bombing in the context of an armed conflict is coded as state-based violence unless it is clear (from either reporting or context) that civilians have been explicitly targeted. In one-sided violence, the targeted and killed civilians are always registered in the `deaths_civilians` column.

This section includes additional variables created for Demscore, that group the fatalities per country and year by the type of violence. These variables are relevant when aggregating the UCDP GED Dataset to a country-year level.

#### 2.11.8.1 Fatality (Best/High/Low Estimates) (best)

*Long tag:* `ucdp_ged_best`

*Original tag:* `best`

*Dataset citation:* Davies et al. (2024)

*Description:*

The best (most likely)/low/high/civilian/unknown/deaths\_a/deaths\_b/battle-deaths estimate of total fatalities resulting from an event.

The best estimate It is always the sum of **deaths\_a**, **deaths\_b**, **deaths\_civilians** and **deaths\_unknown**.

#### 2.11.9 Aggregated Variables

This section includes variables aggregated to a country year level, indicating deaths per country and year.

##### 2.11.9.1 Best Estimate of Deaths due to Nonstate Violence (best\_non\_state)

*Long tag:* `ucdp_ged_best_non_state`

*Original tag:* `best_non_state`

*Dataset citation:* Davies et al. (2024)

*Description:*

The best (most likely)/low/high/civilian/unknown/deaths\_a/deaths\_b/battle-deaths estimate of total fatalities resulting from an event.

The best estimate It is always the sum of **deaths\_a**, **deaths\_b**, **deaths\_civilians** and **deaths\_unknown**.

##### 2.11.9.2 Best Estimate of Deaths due to One-Sided Violence (best\_one\_sided)

*Long tag:* `ucdp_ged_best_one_sided`

*Original tag:* `best_one_sided`

*Dataset citation:* Davies et al. (2024)

*Description:*

The best (most likely)/low/high/civilian/unknown/deaths\_a/deaths\_b/battle-deaths estimate of total fatalities resulting from an event.

The best estimate It is always the sum of **deaths\_a**, **deaths\_b**, **deaths\_civilians** and **deaths\_unknown**.

##### 2.11.9.3 Best Estimate of Deaths due to State-Based Violence (best\_state\_based)

*Long tag:* `ucdp_ged_best_state_based`

*Original tag:* `best_state_based`

*Dataset citation:* Davies et al. (2024)

*Description:*

The best (most likely)/low/high/civilian/unknown/deaths\_a/deaths\_b/battle-deaths estimate of total fatalities resulting from an event.

The best estimate It is always the sum of **deaths\_a**, **deaths\_b**, **deaths\_civilians** and **deaths\_unknown**.

**2.11.9.4 Best Estimate of Deaths for Side A due to Nonstate Violence (deaths\_a\_non\_state)**

*Long tag:* ucdp\_ged\_deaths\_a\_non\_state

*Original tag:* deaths\_a\_non\_state

*Dataset citation:* Davies et al. (2024)

*Description:*

The best estimate of deaths sustained by side a.

Always 0 for one-sided violence events.

**2.11.9.5 Best Estimate of Deaths for Side A due to One-Sided Violence (deaths\_a\_one\_sided)**

*Long tag:* ucdp\_ged\_deaths\_a\_one\_sided

*Original tag:* deaths\_a\_one\_sided

*Dataset citation:* Davies et al. (2024)

*Description:*

The best estimate of deaths sustained by side a.

Always 0 for one-sided violence events.

**2.11.9.6 Best Estimate of Deaths for Side A due to State-based Violence (deaths\_a\_state\_based)**

*Long tag:* ucdp\_ged\_deaths\_a\_state\_based

*Original tag:* deaths\_a\_state\_based

*Dataset citation:* Davies et al. (2024)

*Description:*

The best estimate of deaths sustained by side a.

Always 0 for one-sided violence events.

**2.11.9.7 Best Estimate of Deaths for Side B due to Nonstate Violence (deaths\_b\_non\_state)**

*Long tag:* ucdp\_ged\_deaths\_b\_non\_state

*Original tag:* deaths\_b\_non\_state

*Dataset citation:* Davies et al. (2024)

*Description:*

The best estimate of deaths sustained by side b.

Always 0 for one-sided violence events.

**2.11.9.8 Best Estimate of Deaths for Side B due to One-Sided Violence (deaths\_b\_one\_sided)**

*Long tag:* ucdp\_ged\_deaths\_b\_one\_sided

*Original tag:* deaths\_b\_one\_sided

*Dataset citation:* Davies et al. (2024)

*Description:*

The best estimate of deaths sustained by side b.

Always 0 for one-sided violence events.

**2.11.9.9 Best Estimate of Deaths for Side B due to State-based Violence (deaths\_b\_state\_based)**

*Long tag:* ucdp\_ged\_deaths\_b\_state\_based

*Original tag:* deaths\_b\_state\_based

*Dataset citation:* Davies et al. (2024)

*Description:*

The best estimate of deaths sustained by side b.

Always 0 for one-sided violence events.

**2.11.9.10 Best Estimate of Deaths of Civilians due to Nonstate Violence (deaths\_civilians\_non\_state)**

*Long tag:* ucdp\_ged\_deaths\_civilians\_non\_state

*Original tag:* deaths\_civilians\_non\_state

*Dataset citation:* Davies et al. (2024)

*Description:*

The best estimate of dead civilians in the event.

For non-state or state-based events, this is the number of collateral damage resulting in fighting between side a and side b. For one-sided violence, it is the number of civilians killed by side a.

**2.11.9.11 Best Estimate of Deaths of Civilians due to One-Sided Violence (deaths\_civilians\_one\_sided)**

*Long tag:* ucdp\_ged\_deaths\_civilians\_one\_sided

*Original tag:* deaths\_civilians\_one\_sided

*Dataset citation:* Davies et al. (2024)

*Description:*

The best estimate of dead civilians in the event.

For non-state or state-based events, this is the number of collateral damage resulting in fighting between side a and side b. For one-sided violence, it is the number of civilians killed by side a.

**2.11.9.12 Best Estimate of Deaths of Civilians due to State-Based Violence (deaths\_civilians\_state\_based)**

*Long tag:* ucdp\_ged\_deaths\_civilians\_state\_based

*Original tag:* deaths\_civilians\_state\_based

*Dataset citation:* Davies et al. (2024)

*Description:*

The best estimate of dead civilians in the event.

For non-state or state-based events, this is the number of collateral damage resulting in fighting between side a and side b. For one-sided violence, it is the number of civilians killed by side a.

**2.11.9.13 Best Estimate of Deaths of Other Persons due to Nonstate Violence (deaths\_unknown\_non\_state)**



*Long tag:* ucdp\_ged\_deaths\_unknown\_non\_state

*Original tag:* deaths\_unknown\_non\_state

*Dataset citation:* Davies et al. (2024)

*Description:*

The best estimate of deaths of persons of unknown status.

#### **2.11.9.14 Best Estimate of Deaths of Other Persons due to One-Sided Violence (deaths\_unknown\_one\_sided)**

*Long tag:* ucdp\_ged\_deaths\_unknown\_one\_sided

*Original tag:* deaths\_unknown\_one\_sided

*Dataset citation:* Davies et al. (2024)

*Description:*

The best estimate of deaths of persons of unknown status.

#### **2.11.9.15 Best Estimate of Deaths of Other Persons due to State-Based Violence (deaths\_unknown\_state\_based)**

*Long tag:* ucdp\_ged\_deaths\_unknown\_state\_based

*Original tag:* deaths\_unknown\_state\_based

*Dataset citation:* Davies et al. (2024)

*Description:*

The best estimate of deaths of persons of unknown status.

#### **2.11.9.16 Highest Estimate of Deaths due to Nonstate Violence (high\_non\_state)**

*Long tag:* ucdp\_ged\_high\_non\_state

*Original tag:* high\_non\_state

*Dataset citation:* Davies et al. (2024)

*Description:*

The highest reliable estimate of total fatalities .

#### **2.11.9.17 Highest Estimate of Deaths due to One-Sided Violence (high\_one\_sided)**

*Long tag:* ucdp\_ged\_high\_one\_sided

*Original tag:* high\_one\_sided

*Dataset citation:* Davies et al. (2024)

*Description:*

The highest reliable estimate of total fatalities .

#### **2.11.9.18 Highest Estimate of Deaths due to State-Based Violence (high\_state\_based)**

*Long tag:* ucdp\_ged\_high\_state\_based

*Original tag:* high\_state\_based

*Dataset citation:* Davies et al. (2024)

*Description:*

The highest reliable estimate of total fatalities .

#### **2.11.9.19 Lowest Estimate of Deaths due to Nonstate Violence (low\_non\_state)**

*Long tag:* ucdp\_ged\_low\_non\_state

*Original tag:* low\_non\_state

*Dataset citation:* Davies et al. (2024)

*Description:*

The lowest reliable estimate of total fatalities.

#### 2.11.9.20 Lowest Estimate of Deaths due to One-Sided Violence (`low_one_sided`)

*Long tag:* `ucdp_ged_low_one_sided`

*Original tag:* `low_one_sided`

*Dataset citation:* Davies et al. (2024)

*Description:*

The lowest reliable estimate of total fatalities.

#### 2.11.9.21 Lowest Estimate of Deaths due to State-Based Violence (`low_state_based`)

*Long tag:* `ucdp_ged_low_state_based`

*Original tag:* `low_state_based`

*Dataset citation:* Davies et al. (2024)

*Description:*

The lowest reliable estimate of total fatalities.

#### 2.11.9.22 Active Conflict Year (`active_year_grouped`)

*Long tag:* `ucdp_ged_active_year_grouped`

*Original tag:* `active_year_grouped`

*Dataset citation:* Davies et al. (2024)

*Description:*

- 1: if the event belongs to an active conflict/dyad/actor-year
- 0: otherwise

Active years are years that have crossed the 25 battle related deaths threshold and non-active years are the remainder.

If a dyad crossed the 25-deaths threshold in a single year, but did generate some events in either previous or subsequent years, all events belonging to the dyad are included, including those in years where the threshold was not crossed.

## 2.12 UCDP Non-State Conflict Dataset Version 24.1

*Dataset tag:* `ucdp_nonstate`

**Output Unit:** UCDP Conflict-Year, i.e., data is collected per conflict and year. This means that each row in the dataset can be identified by a combination of `conflict_id` and year.

The unit of this dataset is also dyad and year. This means that each row in the dataset can be identified by a combination of `dyad_id` and year.

**Description:** A conflict-year dataset containing information on communal and organized armed conflict where none of the parties is the government of a state.

**Dataset citation:**

Davies, Shawn, Garoun Engström, Therese Pettersson Magnus Öberg (2024). Organized violence 1989-2023, and the prevalence of organized crime groups. *Journal of Peace Research* 61(4).

Sundberg, Ralph, Kristine Eck and Joakim Kreutz (2012) Introducing the UCDP Non-State Conflict Dataset. *Journal of Peace Research* 49(2).

**Link to original codebook**

<https://ucdp.uu.se/downloads/nsos/ucdp-nonstate-241.pdf>

**License:** UCDP offers a web-based system for visualising, handling and downloading data, including ready-made datasets on organized violence and peacemaking. All UCDP data are free of

charge.

More detailed information on the dataset can be found at the following web page:  
<https://ucdp.uu.se/downloads/index.html>

### 2.12.1 Identifier Variables

This section provides unique identifiers for every event (row/entry) in the dataset. Variables in this section can be used as a unique key for the dataset.

#### 2.12.1.1 Conflict ID (`conflict_id`)

*Long tag:* ucdp\_nonstate\_conflict\_id

*Original tag:* conflict\_id

*Dataset citation:* Davies et al. (2024)

*Description:*

The unique identifier of the non-state conflict.

#### 2.12.1.2 Dyad ID (`dyad_id`)

*Long tag:* ucdp\_nonstate\_dyad\_id

*Original tag:* dyad\_id

*Dataset citation:* Davies et al. (2024)

*Description:*

The unique identifier of the non-state dyad (a pair of two opposing actors).

Note that one non-state conflict has, per definition, one and only one non-state dyad. The inclusion of both dyad IDs and conflict IDs in the dataset is meant to allow easier integration of this dataset with other UCDP products such as the UCDP/PRIO Armed Conflict Dataset, the UCDP Dyadic Dataset or the UCDP GED.

#### 2.12.1.3 Year (`year`)

*Long tag:* ucdp\_nonstate\_year

*Original tag:* year

*Dataset citation:* Davies et al. (2024)

*Description:*

The year of observation (1989-2020)

### 2.12.2 Conflict Sides

This section provides variables that allow for linkages between the UCDP Nonstate and all other UCDP datasets. This section also provides with variables to allow you to aggregate/filter/extract data on conflict, dyad or actor.

#### 2.12.2.1 Organizational Level (`org`)

*Long tag:* ucdp\_nonstate\_org

*Original tag:* org

*Dataset citation:* Davies et al. (2024)

*Description:*

This variable indicates the organizational level of the warring sides. The level of organization is determined according to the following categories:

**Organizational level 1** (formally organized groups):

Rebel groups and other organized groups that have a high enough level of organization so as to be possible to include in the state-based armed conflict category. These include rebel

groups with an announced name, as well as military factions (Forces of...). This level of organization captures fighting between highly organized rebel groups and fatalities are recorded according to the criteria set for battle-related deaths in the state-based conflict category.

**Organizational level 2** (informally organized groups): Groups composed of supporters and affiliates to political parties and candidates. These are commonly not groups that are permanently organized for combat, but who at times use their organizational structures for such purposes. In addition to supporters of political parties and candidates, included in this category is also fighting between groups composed of supporters of other organizations such as the supporters of al-Ahly football team fighting against the supporters of al-Masry football team in Egypt 2012. Battle-related deaths are recorded according to section 3.2.a of the definition of non-state conflict.

**Organizational level 3** (informally organized groups): Groups that share a common identification along ethnic, clan, religious, national or tribal lines. These are not groups that are permanently organized for combat, but who at times organize themselves along said lines to engage in fighting. This level of organization captures aspects of what is commonly referred to as 'communal conflicts', in that conflict stands along lines of communal identity. Battle-related deaths are recorded according to section 3.2.a of the definition of non-state conflict.

#### 2.12.2.2 Name of Side A (side\_a\_name)

*Long tag:* ucdp\_nonstate\_side\_a\_name

*Original tag:* side\_a\_name

*Dataset citation:* Davies et al. (2024)

*Description:*

The party that constitute Side A in the conflict. For each conflict the parties are listed in alphabetical order, using the latest known names of the parties involved.

Comma separated if multiple.

#### 2.12.2.3 Full Name of Side A in English (side\_a\_name\_fulltext)

*Long tag:* ucdp\_nonstate\_side\_a\_name\_fulltext

*Original tag:* side\_a\_name\_fulltext

*Dataset citation:* Davies et al. (2024)

*Description:*

The full original name of the actor, in English.

#### 2.12.2.4 Full Name of Side A in Mother Tongue (side\_a\_name\_mothertongue)

*Long tag:* ucdp\_nonstate\_side\_a\_name\_mothertongue

*Original tag:* side\_a\_name\_mothertongue

*Dataset citation:* Davies et al. (2024)

*Description:*

The full original name of the actor, in mother tongue.

#### 2.12.2.5 Actor ID of Side A (side\_a\_id)

*Long tag:* ucdp\_nonstate\_side\_a\_id

*Original tag:* side\_a\_id

*Dataset citation:* Davies et al. (2024)

*Description:*

The unique identifier of the groups that make up Side A. For conflicts with multiple actors fighting together a temporary coalition ID has been assigned.

From version 17.1 of the dataset and onwards, the ID system for conflicts, actors and dyads changed in order to make it unique across all UCDP core datasets and all UCDP types of

violence. To download a conversion table containing new and old IDs, visit <http://ucdp.uu.se/downloads/>.

#### **2.12.2.6 Actor IDs of Components of Side A (side\_a\_components)**

*Long tag:* ucdp\_nonstate\_side\_a\_components

*Original tag:* side\_a\_components

*Dataset citation:* Davies et al. (2024)

*Description:*

For conflicts with multiple actors fighting together as a joint (temporary) coalition, the components of the coalition (in the form of a string of actor IDs) are listed here. Comma separated.

#### **2.12.2.7 Secondary Warring Parties on Side A (side\_a\_2nd)**

*Long tag:* ucdp\_nonstate\_side\_a\_2nd

*Original tag:* side\_a\_2nd

*Dataset citation:* Davies et al. (2024)

*Description:*

side\_a\_2nd lists all states that enter a non-state conflict with troops to actively support side A in the dyad. See section 2.2 for information on under which conditions this is applicable. This variable is not part of the API version of the dataset.

#### **2.12.2.8 Country GW ID for Secondary Warring Parties on Side A (gwno\_a\_2nd)**

*Long tag:* ucdp\_nonstate\_gwno\_a\_2nd

*Original tag:* gwno\_a\_2nd

*Dataset citation:* Davies et al. (2024)

*Description:*

The Gleditsch and Ward country codes of side\_a\_2nd. This variable is not part of the API version of the dataset.  
Comma separated if multiple.

#### **2.12.2.9 Name of Side B (side\_b\_name)**

*Long tag:* ucdp\_nonstate\_side\_b\_name

*Original tag:* side\_b\_name

*Dataset citation:* Davies et al. (2024)

*Description:*

The party that constitute Side B in the conflict. For each conflict the parties are listed in alphabetical order, using the latest known names of the parties involved.

Comma separated if multiple.

#### **2.12.2.10 Full Name of Side B in English (side\_b\_name\_fulltext)**

*Long tag:* ucdp\_nonstate\_side\_b\_name\_fulltext

*Original tag:* side\_b\_name\_fulltext

*Dataset citation:* Davies et al. (2024)

*Description:*

The full original name of the actor, in English.

#### **2.12.2.11 Full Name of Side B in Mother Tongue (side\_b\_name\_mothertongue)**

*Long tag:* ucdp\_nonstate\_side\_b\_name\_mothertongue

*Original tag:* side\_b\_name\_mothertongue

*Dataset citation:* Davies et al. (2024)

*Description:*

The full original name of the actor, in mother tongue.

#### **2.12.2.12 Actor ID of Side B (side\_b\_id)**

*Long tag:* ucdp\_nonstate\_side\_b\_id

*Original tag:* side\_b\_id

*Dataset citation:* Davies et al. (2024)

*Description:*

The unique identifier of the groups that make up Side B. For conflicts with multiple actors fighting together a temporary coalition ID has been assigned.

From version 17.1 of the dataset and onwards, the ID system for conflicts, actors and dyads changed in order to make it unique across all UCDP core datasets and all UCDP types of violence. To download a conversion table containing new and old IDs, visit <http://ucdp.uu.se/downloads/>.

#### **2.12.2.13 Actor IDs of Components of Side B (side\_b\_components)**

*Long tag:* ucdp\_nonstate\_side\_b\_components

*Original tag:* side\_b\_components

*Dataset citation:* Davies et al. (2024)

*Description:*

For conflicts with multiple actors fighting together as a joint (temporary) coalition, the components of the coalition (in the form of a string of actor IDs) are listed here. Comma separated.

#### **2.12.2.14 Secondary Warring Parties on Side B (side\_b\_2nd)**

*Long tag:* ucdp\_nonstate\_side\_b\_2nd

*Original tag:* side\_b\_2nd

*Dataset citation:* Davies et al. (2024)

*Description:*

side\_b\_2nd lists all states that enter a non-state conflict with troops to actively support side B in the dyad. See section 2.3 for information on under which conditions this is applicable.

This variable is not part of the API version of the dataset.

Comma separated if multiple.

#### **2.12.2.15 Country GW ID for Secondary Warring Parties on Side B (gwno\_b\_2nd)**

*Long tag:* ucdp\_nonstate\_gwno\_b\_2nd

*Original tag:* gwno\_b\_2nd

*Dataset citation:* Davies et al. (2024)

*Description:*

The Gleditsch and Ward country codes of side\_b\_2nd. This variable is not part of the API version of the dataset.

Comma separated if multiple.

### **2.12.3 Timely Dimension**

These variables provide information on the timely dimension.

#### **2.12.3.1 Date of First Battle-related Death in Dyad (start\_date)**

*Long tag:* ucdp\_nonstate\_start\_date

*Original tag:* start\_date

*Dataset citation:* Davies et al. (2024)

*Description:*

The first time there is a recorded event in a given dyad that results in at least one fatality. This date is the same for all years in which the conflict has been active, regardless of whether the conflict has been active in several episodes or not.

The `start_date` is coded as precisely as possible. For certain conflicts we can pinpoint the start of the conflict down to a single event, taking place on a specific day. For other conflicts, this is not possible, due to lack of precise information.

**2.12.3.2 Temporal Precision of Date of First Battle-Related Death in Dyad (`start_prec`)**

*Long tag:* `ucdp_nonstate_start_prec`

*Original tag:* `start_prec`

*Dataset citation:* Davies et al. (2024)

*Description:*

The `start_prec` (start precision) is coded to highlight the level of certainty for the date set in the `start_date` variable.

1. Day, month and year are precisely coded; there is good information on the event.
2. Day is assigned; month and year are precisely coded. This precision score is assigned if the first event which causes at least one fatality takes place within a period of 2-6 days.
3. Day is unknown; month (or a period of 30 days, not necessarily a calendar month) and year are precisely coded. The day is known to be in a given period of 30 days. The date is set to the last date of the period.
4. Month is assigned, year is precisely coded. The date is set to the last day of the assigned month.
5. Day and month are assigned, year is precisely coded. Day and month are set as precisely as possible. For example, if an event is known to have taken place between March and July, the date is set to 31 July with precision score 5.

This is an automatic aggregation from the UCDP Georeferenced Event Dataset. For more complex inquiries in the temporal dimension of the conflict, you are advised to use the UCDP GED.

**2.12.3.3 Date of Fatalities Exceeding 25 in Dyad (`start_date2`)**

*Long tag:* `ucdp_nonstate_start_date2`

*Original tag:* `start_date2`

*Dataset citation:* Davies et al. (2024)

*Description:*

`start_date2` gives the date, as precise as possible, when a given episode of conflict activity reached 25 battle-related deaths.

**2.12.3.4 Temporal Precision of Date of Fatalities Exceeding 25 in Dyad (`start_prec2`)**

*Long tag:* `ucdp_nonstate_start_prec2`

*Original tag:* `start_prec2`

*Dataset citation:* Davies et al. (2024)

*Description:*

Precision scores calculated as per `start_prec` above

This is an automatic aggregation from the UCDP Georeferenced Event Dataset. For more complex inquiries in the temporal dimension of the conflict, you are advised to use the UCDP GED.

**2.12.3.5 Conflict Episode Ending (`ep_end`)**

*Long tag:* `ucdp_nonstate_ep_end`

*Original tag:* ep\_end

*Dataset citation:* Davies et al. (2024)

*Description:*

ep\_end is a binary variable that codes whether the conflict is inactive the following year and an episode of the conflict thus ends. If the conflict is inactive the following year(s), this variable is coded as 1. If not, a 0 is coded. For the latest year in the dataset, it is unknown whether the conflict will be recorded as active or inactive in the following year, and the variable is always given the code 0.

#### **2.12.3.6 Date of Conflict Episode Ending (ep\_end\_date)**

*Long tag:* ucdp\_nonstate\_ep\_end\_date

*Original tag:* ep\_end\_date

*Dataset citation:* Davies et al. (2024)

*Description:*

This variable is only coded in years where ep\_end has the value 1. If a conflict year is followed by at least one year of conflict inactivity, the ep\_end\_date variable lists, as precise as possible, the last date of recorded combat.

#### **2.12.3.7 Temporal Precision of Date of Conflict Episode Ending (ep\_end\_prec)**

*Long tag:* ucdp\_nonstate\_ep\_end\_prec

*Original tag:* ep\_end\_prec

*Dataset citation:* Davies et al. (2024)

*Description:*

Precision scores calculated as per start\_prec above.

This is an automatic aggregation from the UCDP Georeferenced Event Dataset. For more complex inquiries in the temporal dimension of the conflict, you are advised to use the UCDP GED.

### **2.12.4 Fatality Estimates**

This section provides fatality figures for each event. A note on civilian deaths: Civilian deaths can exist in all three categories of violence. DD In state-based and non-state violence, civilian deaths count “collateral” killings, i.e. when one or more civilians are killed as an effect of fighting between the two warring parties. At times, such fighting may even result in only the civilian bystanders receiving fatal injuries. Similarly, imprecise shelling or bombing in the context of an armed conflict is coded as state-based violence unless it is clear (from either reporting or context) that civilians have been explicitly targeted. In one-sided violence, the targeted and killed civilians are always registered in the deaths\_civilians column.

#### **2.12.4.1 Fatality (Best/High/Low Estimates) (best\_fatality\_estimate)**

*Long tag:* ucdp\_nonstate\_best\_fatality\_estimate

*Original tag:* best\_fatality\_estimate

*Dataset citation:* Davies et al. (2024)

*Description:*

The best/low/high fatality estimate for the given conflict-year.

This is an automatic aggregation (summing) of all the Best/Low/High figures for all incidents reported for the given conflict-year in the UCDP Georeferenced Event Dataset.

### **2.12.5 Location**

Variables in this section describe the location of the conflict/event.

#### **2.12.5.1 Country where Fighting Taking Place (location)**



*Long tag:* ucdp\_nonstate\_location

*Original tag:* location

*Dataset citation:* Davies et al. (2024)

*Description:*

The countries where fighting took place in the conflict-year.

Comma-separated if multiple.

This variable should never be used for any geographical or spatial analyses of conflict as the distribution of violence as well as the relative magnitude of violence by country is not captured. In effect, a country is listed here if even one dead in the given conflict has occurred in that country.

In fact, UCDP provides much better geographic coverage of conflict (including distribution of violence for each conflict and each country) in the UCDP Georeferenced Event Dataset (GED).

Like the UCDP Non-State Conflict Dataset, GED is global and covers the same period (1989-2020).

#### **2.12.5.2 GW ID of Country where Fighting Taking Place (gwno\_location)**

*Long tag:* ucdp\_nonstate\_gwno\_location

*Original tag:* gwno\_location

*Dataset citation:* Davies et al. (2024)

*Description:*

The Gleditsch and Ward code for the countries where fighting took place in the conflict-year. Comma-separated if multiple.

This variable should never be used for any geographical or spatial analyses of conflict as the distribution of violence as well as the relative magnitude of violence by country is not captured. In effect, a country is listed here if even one dead in the given conflict has occurred in that country. In fact, UCDP provides much better geographic coverage of conflict (including distribution of violence for each conflict and each country) in the UCDP Georeferenced Event Dataset (GED).

Like the UCDP Non-State Conflict Dataset, GED is global and covers the same period (1989-2020).

#### **2.12.5.3 Region (region)**

*Long tag:* ucdp\_nonstate\_region

*Original tag:* region

*Dataset citation:* Davies et al. (2024)

*Description:*

The continents (regions) where violence took place:

- 1 = Europe (GWNo: 200-399),
- 2 = Middle East (GWNo: 630-699)
- 3 = Asia (GWNo: 700-999)
- 4 = Africa (GWNo: 400-626)
- 5 = Americas (GWNo: 2-199).

#### **2.12.6 Dataset Version**

The version of the dataset.

#### 2.12.6.1 Dataset Version (version)

*Long tag:* ucdp\_nonstate\_version

*Original tag:* version

*Dataset citation:* Davies et al. (2024)

*Description:*

The version of the dataset: 24.1

### 2.13 UCDP Non-state Conflict Issues and Actors Dataset

**Dataset tag:** ucdp\_nscia

**Output Unit:** UCDP Dyad-Year, i.e., data is collected per dyad and year. This means that each row in the dataset can also be identified by a combination of dyadid\_new and year.

**Description:** A dyad-year dataset containing information on conflict issues and key actor characteristics in non-state conflict. The dataset covers non-state conflicts in Africa, 1989-2011 and is compatible with the UCDP Non-State Conflict Dataset v. 2.5-2016.

The data builds on and extends the UCDP Non-State Conflict Dataset by introducing additional information on what the actors in the conflict are fighting over, alongside actor characteristics. The data set distinguishes between two main categories of issues, territory or authority, in addition to a residual category of other issues.

**Dataset citation:**

Nina von Uexkull Therese Pettersson (2018) Issues and Actors in African Nonstate Conflicts: A New Data Set. *International Interactions*.  
<https://www.tandfonline.com/doi/full/10.1080/03050629.2018.1493478>

**Link to original codebook**

[https://ucdp.uu.se/downloads/nonstateconflict/Codebook\\_nsissues.pdf](https://ucdp.uu.se/downloads/nonstateconflict/Codebook_nsissues.pdf)

**License:** UCDP offers a web-based system for visualising, handling and downloading data, including ready-made datasets on organized violence and peacemaking. All UCDP data are free of charge.

More detailed information on the dataset can be found at the following web page:  
<https://ucdp.uu.se/downloads/index.html>

#### 2.13.1 Identifiers

These variables identify the conflicting parties using the UCDP ID system for conflicts, actors and dyads.

##### 2.13.1.1 Dyad ID (dyad\_id)

*Long tag:* ucdp\_nscia\_dyad\_id

*Original tag:* dyad\_id

*Dataset citation:* Von Uexkull & Pettersson (2018)

*Description:*

The identifier of the Non-state conflict.

This version of the UCDP Non-state Conflict Issues and Actors Dataset is compatible with the UCDP Non-state Conflict Dataset v.2.5-2016. In 2017 the ID system for conflicts, actors and dyads was changed in order to make it unique across all UCDP core datasets and all UCDP types of violence. This variable corresponds to the Dyad ID reported in the v.2.5-2016 Dataset. For the Dyad ID according to the new ID system, please consult the dyadid\_new variable.

##### 2.13.1.2 Dyad New ID (dyadid\_new)

*Long tag:* ucdp\_nscia\_dyadid\_new

*Original tag:* dyadid\_new

*Dataset citation:* Von Uexkull & Pettersson (2018)

*Description:*

The unique identifier of the Non-state conflict. This version of the UCDP Non-state Conflict Issues and Actors Dataset is compatible with the UCDP Non-state Conflict Dataset v.2.5-2016. In 2017 the ID system for conflicts, actors and dyads was changed in order to make it unique across all UCDP core datasets and all UCDP types of violence. This variable contains information on the Dyad ID according to the new ID system. To download a conversion table containing new and old IDs, visit <http://ucdp.uu.se/downloads/>.

#### **2.13.1.3 Name of Side A (side\_a\_name)**

*Long tag:* ucdp\_nscia\_side\_a\_name

*Original tag:* sida\_a\_name

*Dataset citation:* Von Uexkull & Pettersson (2018)

*Description:*

The party that constitute Side A in the conflict. For each conflict the parties are listed in alphabetical order, using the latest known names of the parties involved.

#### **2.13.1.4 Actor ID of Side A (side\_a\_id)**

*Long tag:* ucdp\_nscia\_side\_a\_id

*Original tag:* side\_a\_id

*Dataset citation:* Von Uexkull & Pettersson (2018)

*Description:*

The ID of the groups that make up Side A. For conflicts with multiple actors fighting together a temporary coalition ID has been assigned. This version of the UCDP Non-state Conflict Issues and Actors Dataset is compatible with the UCDP Non-state Conflict Dataset v.2.5-2016. In 2017 the ID system for conflicts, actors and dyads was changed in order to make it unique across all UCDP core datasets and all UCDP types of violence. This variable corresponds to the Side A ID reported in the v.2.5-2016 Dataset. To download a conversion table containing new and old IDs, visit <http://ucdp.uu.se/downloads/>.

#### **2.13.1.5 Name of Side B (side\_b\_name)**

*Long tag:* ucdp\_nscia\_side\_b\_name

*Original tag:* side\_b\_name

*Dataset citation:* Von Uexkull & Pettersson (2018)

*Description:*

The party that constitute Side B in the conflict. For each conflict the parties are listed in alphabetical order, using the latest known names of the parties involved.

#### **2.13.1.6 Actor ID of Side B (side\_b\_id)**

*Long tag:* ucdp\_nscia\_side\_b\_id

*Original tag:* side\_b\_id

*Dataset citation:* Von Uexkull & Pettersson (2018)

*Description:*

The ID of the groups that make up Side B. For conflicts with multiple actors fighting together a temporary coalition ID has been assigned. This version of the UCDP Non-state Conflict Issues and Actors Dataset is compatible with the UCDP Non-state Conflict Dataset v.2.5-2016. In 2017 the ID system for conflicts, actors and dyads was changed in order to make it unique across all UCDP core datasets and all UCDP types of violence. This variable corresponds to the Side B ID reported in the v.2.5-2016

Dataset. To download a conversion table containing new and old IDs, visit <http://ucdp.uu.se/downloads/>.

### 2.13.2 Organizational Actor Level

Variables in this section describe the organizational level of the warring sides.

#### 2.13.2.1 Organizational Level (org)

*Long tag:* ucdp\_nscia\_org

*Original tag:* org

*Dataset citation:* Von Uexkull & Pettersson (2018)

*Description:*

This variable indicates the organizational level of the warring sides. The level of organization is determined according to the following categories:

**Organizational level 1** (formally organized groups): Rebel groups and other organized groups that have a high enough level of organization so as to be possible to include in the state-based armed conflict category. These include rebel groups with an announced name, as well as military factions (Forces of...). This level of organization captures fighting between highly organized rebel groups and fatalities are recorded according to the criteria set for battle-related deaths in the state-based conflict category.

**Organizational level 2** (informally organized groups): Groups composed of supporters and affiliates to political parties and candidates. These are commonly not groups that are permanently organized for combat, but who at times use their organizational structures for such purposes. Battle-related deaths are recorded according to section 3.2.a of the definition of non-state conflict.

**Organizational level 3** (informally organized groups): Groups that share a common identification along ethnic, clan, religious, national or tribal lines. These are not groups that are permanently organized for combat, but who at times organize themselves along said lines to engage in fighting. This level of organization captures aspects of what is commonly referred to as ‘communal conflicts’, in that conflict stands along lines of communal identity. Battle-related deaths are recorded according to section 3.2.a of the definition of non-state conflict.

### 2.13.3 Timely Dimension

These variables provide information on when the conflict takes place.

#### 2.13.3.1 Year (year)

*Long tag:* ucdp\_nscia\_year

*Original tag:* year

*Dataset citation:* Von Uexkull & Pettersson (2018)

*Description:*

The year of observation.

### 2.13.4 Geographical Information

These variables provide information on where the conflict takes place.

#### 2.13.4.1 GW ID of Country where Fighting Taking Place (gwno\_location)

*Long tag:* ucdp\_nscia\_gwno\_location

*Original tag:* gwno\_location

*Dataset citation:* Von Uexkull & Pettersson (2018)

*Description:*

The Gleditsch and Ward code for the countries where fighting took place in the dyad-year.

Comma-separated  
if multiple.

### 2.13.5 Livelihood and Religion

These variables describe the livelihood of the conflicting parties and whether religion is salient in the mobilization of the armed groups involved in non-state conflict.

#### 2.13.5.1 Livelihood of Side A (*side\_a\_live*)

*Long tag:* ucdp\_nscia\_side\_a\_live

*Original tag:* side\_a\_live

*Dataset citation:* Von Uexkull & Pettersson (2018)

*Description:*

1=Agropastoralist, 2=Pastoralist, 3=Farmer, 4=Other/Unknown, 5= N/A

For all communal groups that mobilize along the lines of particular livelihoods this variable notes that livelihood. This variable is only coded for organizational level 3 groups (informally organized groups). For groups of organizational level 1 and 2 this variable takes the value of 5.

#### 2.13.5.2 Religion Being Salient in Mobilization of Side A (*side\_a\_rel*)

*Long tag:* ucdp\_nscia\_side\_a\_rel

*Original tag:* side\_a\_rel

*Dataset citation:* Von Uexkull & Pettersson (2018)

*Description:*

This variable notes where religion is salient in the mobilization of the armed group involved in non-state conflict. If not, this variable takes the value of 0.

#### 2.13.5.3 Livelihood of Side B (*side\_b\_live*)

*Long tag:* ucdp\_nscia\_side\_b\_live

*Original tag:* side\_b\_live

*Dataset citation:* Von Uexkull & Pettersson (2018)

*Description:*

1=Agropastoralist, 2=Pastoralist, 3=Farmer, 4=Other, 5= N/A

For all communal groups that mobilize along the lines of particular livelihoods this variable notes that livelihood. This variable is only coded for organizational level 3 groups (informally organized groups). For groups of organizational level 1 and 2 this variable takes the value of 5.

#### 2.13.5.4 Religion Being Salient in Mobilization of Side B (*side\_b\_rel*)

*Long tag:* ucdp\_nscia\_side\_b\_rel

*Original tag:* side\_b\_rel

*Dataset citation:* Von Uexkull & Pettersson (2018)

*Description:*

This variable notes where religion is salient in the mobilization of the armed group involved in non-state conflict. If not, this variable takes the value of 0.

#### 2.13.5.5 Livelihood of Dyad (*dyadic\_live*)

*Long tag:* ucdp\_nscia\_dyadic\_live

*Original tag:* dyadic\_live

*Dataset citation:* Von Uexkull & Pettersson (2018)

*Description:*

The livelihood of both groups involved in conflict, always in numerical order (i.e. if Side A has livelihood 3, and Side B has livelihood 2, *dyadic\_live* will always be 23, never 32).

### 2.13.6 Conflict Issues

Variables in this section give information about the issues in the respective non-state conflict. The main issues (territory, authority, other) are further divided into subissues.

#### 2.13.6.1 Non-state Conflict Issue Linked to Territory (issue\_territory)

*Long tag:* ucdp\_nscia\_issue\_territory

*Original tag:* issue\_territory

*Dataset citation:* Von Uexkull & Pettersson (2018)

*Description:*

This category includes all territorial issues that are claimed by both groups e.g. border demarcation, access to grazing land, wells or arable land. It is distinguished from the authority category in that the groups are not fighting about whose decisions will be imposed upon the other group through the local or national government, but over a piece of land.

#### 2.13.6.2 Non-state Conflict Issue Linked to Authority (issue\_authority)

*Long tag:* ucdp\_nscia\_issue\_authority

*Original tag:* issue\_authority

*Dataset citation:* Von Uexkull & Pettersson (2018)

*Description:*

This category includes all conflicts related to the formal administration of the state (e.g. control of the local administration, influence in the state administration). Also electoral violence between supporters of candidates of different political parties falls into this category. Alternatively, authority can be informal such as chiefdom/kingdom within an ethnic group or leadership struggles within a rebel group.

#### 2.13.6.3 Non-state Conflict Issue Linked to Other Issues (issue\_other)

*Long tag:* ucdp\_nscia\_issue\_other

*Original tag:* issue\_other

*Dataset citation:* Von Uexkull & Pettersson (2018)

*Description:*

Residual other issue cluster for all issues that fit neither the authority or territorial categories.

#### 2.13.6.4 Non-state Conflict Subissue Linked to Agricultural Land or Water (subissue\_agland\_water)

*Long tag:* ucdp\_nscia\_subissue\_agland\_water

*Original tag:* subissue\_agland\_water

*Dataset citation:* Von Uexkull & Pettersson (2018)

*Description:*

Land-use conflicts where water or agricultural lands are the bones of contentions. Subissue of territory cluster of issues.

#### 2.13.6.5 Non-state Conflict Subissue Linked to Religion (subissue\_religious)

*Long tag:* ucdp\_nscia\_subissue\_religious

*Original tag:* subissue\_religious

*Dataset citation:* Von Uexkull & Pettersson (2018)

*Description:*

At least one side in the conflict-dyad has made demands that are explicitly referring to religion. For instance, if a group fights for the application of Sharia law within a certain territory, the conflict issue will be coded as religious (cf. Svensson and Nilsson 2017). Subissue of residual other issue category.

#### **2.13.6.6 Non-state Conflict Subissue Linked to Formal Authority (subissue\_formal\_aut)**

*Long tag:* ucdp\_nscia\_subissue\_formal\_aut

*Original tag:* subissue\_formal\_aut

*Dataset citation:* Von Uexkull & Pettersson (2018)

*Description:*

Conflict issue is a source of formal authority – such as control state apparatus, or particular government representatives. Subissue of authority category.

#### **2.13.6.7 Non-state Conflict Subissue Linked to Livestock (subissue\_livestock)**

*Long tag:* ucdp\_nscia\_subissue\_livestock

*Original tag:* subissue\_livestock

*Dataset citation:* Von Uexkull & Pettersson (2018)

*Description:*

This category will include all conflicts where the main aim is to appropriate livestock from the other group. For example, violent cattle raids are very common among pastoralist and agro-pastoralist communities in the Sahel region. Subissue of residual other category.

#### **2.13.6.8 Non-state Conflict Subissue Linked to Informal Authority (subissue\_informal\_authority)**

*Long tag:* ucdp\_nscia\_subissue\_informal\_authority

*Original tag:* subissue\_informal\_authority

*Dataset citation:* Von Uexkull & Pettersson (2018)

*Description:*

Conflict issue is not control of the state apparatus, but leadership within a group or a community. Sub-cluster of the authority category.

#### **2.13.6.9 Non-state Conflict Subissue Linked to Territory (subissue\_territory)**

*Long tag:* ucdp\_nscia\_subissue\_territory

*Original tag:* subissue\_territory

*Dataset citation:* Von Uexkull & Pettersson (2018)

*Description:*

This category includes all territorial issues that are claimed by both groups e.g. border demarcation that do not fall into agricultural land/water subissue category. Subissue of territory.

#### **2.13.6.10 Non-state Conflict Subissue Linked to Other Issues (subissue\_other)**

*Long tag:* ucdp\_nscia\_subissue\_other

*Original tag:* subissue\_other

*Dataset citation:* Von Uexkull & Pettersson (2018)

*Description:*

Indicates all conflicts that have issue\_other but neither are over livestock nor religion.

### **2.13.7 Sources**

Variables in this section indicate the quality of the sources for information on conflict issues.

#### **2.13.7.1 Quality of Primary Source Regarding Conflict Issue (primary)**

*Long tag:* ucdp\_nscia\_primary

*Original tag:* primary

*Dataset citation:* Von Uexkull & Pettersson (2018)

*Description:*

Indicates the quality of primary source, i.e. statements from the conflicting parties themselves about what they fight over, for information on the conflict issue (max value).  
5=both groups agree, 3=contradictory statements, 1=one group statement, 0=no

### 2.13.7.2 Quality of Secondary Source Regarding Conflict Issue (secondary)

*Long tag:* ucdp\_nscia\_secondary

*Original tag:* secondary

*Dataset citation:* Von Uexkull & Pettersson (2018)

*Description:*

Indicates the quality of secondary source for information on the conflict issue (max value).

5=many, 1=few, 0=no

### 2.13.7.3 Quality of Time Reference Regarding Conflict Issue (timeref)

*Long tag:* ucdp\_nscia\_timeref

*Original tag:* timeref

*Dataset citation:* Von Uexkull & Pettersson (2018)

*Description:*

Indicates the quality of time reference for information on the conflict issue (max value).

5=immediate AND background, 3=immediate, 2=background, 0=no

This variable indicates how close in time to the relevant conflict episode a statement was made or the secondary source was found. This allows users to distinguish between sources that indicate general issues of contention between conflicting parties and information that refers explicitly to a particular outbreak of fighting.

## 2.14 UCDP One-sided Violence Dataset Version 24.1

*Dataset tag:* ucdp\_onesided

**Output Unit:** UCDP Dyad-Year, i.e., data is collected per dyad and year. That means each row in the dataset can be identified with one unique actor in combination with year, using the column either actor\_id and year.

**Description:** An actor-year dataset with information of intentional attacks on civilians by governments and formally organized armed groups.

**Dataset citation:**

Davies, Shawn, Garoun Engström, Therese Pettersson Magnus Öberg (2024). Organized violence 1989-2023, and the prevalence of organized crime groups. *Journal of Peace Research* 61(4).

Eck, Kristine Lisa Hultman (2007) Violence Against Civilians in War. *Journal of Peace Research* 44(2).

**Link to original codebook**

<https://ucdp.uu.se/downloads/nsos/ucdp-onesided-241.pdf>

**License:** UCDP offers a web-based system for visualising, handling and downloading data, including ready-made datasets on organized violence and peacemaking. All UCDP data are free of charge.

More detailed information on the dataset can be found at the following web page:  
<https://ucdp.uu.se/downloads/index.html>



### 2.14.1 Identifier Variables

This section provides unique identifiers for every event (row/entry) in the dataset. Variables in this section can be used as a unique key for the dataset.

#### 2.14.1.1 Conflict ID (`conflict_id`)

*Long tag:* `ucdp_onesided_conflict_id`

*Original tag:* `conflict_id`

*Description:*

A unique conflict identification code for each individual observation of one-sided violence in the dataset. Used only for merging purposes across the UCDP datasets.

#### 2.14.1.2 Dyad ID (`dyad_id`)

*Long tag:* `ucdp_onesided_dyad_id`

*Original tag:* `dyad_id`

*Description:*

A unique dyad identification code for each individual observation of one-sided violence in the dataset. Used only for merging purposes across the UCDP datasets.

#### 2.14.1.3 Actor ID (`actor_id`)

*Long tag:* `ucdp_onesided_actor_id`

*Original tag:* `actor_id`

*Description:*

This is a numerical identifier that describes each individual actor. The dataset makes use of the general actor/side ID employed by UCDP.

**Warning:** Unlike the previous versions of the dataset, this variable is NO LONGER the Gleditsch and Ward identifier (GWNo) for the state actors. Use `gwnoa` below instead!

From version 17.1 of the dataset and onwards, the ID system for conflicts, actors and dyads changed in order to make it unique across all UCDP core datasets and all UCDP types of violence. To download a conversion table containing new and old IDs, visit <http://ucdp.uu.se/downloads/>.

#### 2.14.1.4 Year (`year`)

*Long tag:* `ucdp_onesided_year`

*Original tag:* `year`

*Description:*

The calendar year of observation. UCDP employs a threshold for inclusion of at least 25 deaths caused by one-sided violence for each actor in a calendar year.

There are cases when actors are responsible for one-sided violence of a scale that does not meet the threshold.

These observations are coded as absence of one-sided violence.

Episodes that do not exceed the threshold for actors that have exceeded the threshold at least once during the 1989-2022 period can be traced through the UCDP GED dataset.

There are cases when actors are responsible for one-sided violence of a scale that does not meet the threshold.

These observations are coded as absence of one-sided violence.

Episodes that do not exceed the threshold for actors that have exceeded the threshold at least once during the 1989-2022 period can be traced through the UCDP GED dataset.

## 2.14.2 Actor Information

This section provides information on the actors, such as numeric codes used or different names the actor has in e.g. different languages.

### 2.14.2.1 Actor IDs of Coalition Components (`coalition_components`)

*Long tag:* `ucdp_onesided_coalition_components`

*Original tag:* `coalition_components`

*Description:*

If multiple actors are perpetrating violence together as a joint (temporary) coalition, the components of the coalition (in the form of a string of actor IDs) are listed here.

### 2.14.2.2 Name of Actor (`actor_name`)

*Long tag:* `ucdp_onesided_actor_name`

*Original tag:* `actor_name`

*Description:*

The government of a state or the name used by a formally organized group perpetrating the violence.

Comma separated if multiple.

### 2.14.2.3 Full Name of Actor in English (`actor_name_fulltext`)

*Long tag:* `ucdp_onesided_actor_name_fulltext`

*Original tag:* `actor_name_fulltext`

*Description:*

The full original name of the actor, in English.

### 2.14.2.4 Full Name of Actor in Mother Tongue (`actor_name_mothertongue`)

*Long tag:* `ucdp_onesided_actor_name_mothertongue`

*Original tag:* `actor_name_mothertongue`

*Description:*

The full original name of the actor, in mother tongue.

### 2.14.2.5 Actor Being Government (`is_government_actor`)

*Long tag:* `ucdp_onesided_is_government_actor`

*Original tag:* `is_government_actor`

*Description:*

For some purposes, it may be necessary to disaggregate between government and non-governmental actors in the dataset. This variable records if the actor is the government of a state and is coded as 1 for government actors and 0 for non-governmental actors.

### 2.14.2.6 Country GW ID for Actor (`gwnoa`)

*Long tag:* `ucdp_onesided_gwnoa`

*Original tag:* `gwnoa`

*Description:*

The Gleditsch and Ward country identifier if the actor perpetrating one-sided violence is a state.

Empty otherwise.

### 2.14.3 Fatality Estimates

This section provides fatality figures for each event. A note on civilian deaths: Civilian deaths can exist in all three categories of violence. DD In state-based and non-state violence, civilian deaths count “collateral” killings, i.e. when one or more civilians are killed as an effect of fighting between the two warring parties. At times, such fighting may even result in only the civilian bystanders receiving fatal injuries. Similarly, imprecise shelling or bombing in the context of an armed conflict is coded as state-based violence unless it is clear (from either reporting or context) that civilians have been explicitly targeted. In one-sided violence, the targeted and killed civilians are always registered in the `deaths_civilians` column.

#### 2.14.3.1 Fatality (Best/High/Low Estimates) (`best_fatality_estimate`)

*Long tag:* `ucdp_onesided_best_fatality_estimate`

*Original tag:* `best_fatality_estimate`

*Description:*

The best/low/high fatality estimates for the given episode.

This is an automatic aggregation (summing) of all the best/low/high figures for all incidents reported for the given dyad-year in the UCDP Georeferenced Event Dataset.

### 2.14.4 Location

Variables in this section describe the location of the conflict/event.

#### 2.14.4.1 Country where One-sided Violence Taking Place (`location`)

*Long tag:* `ucdp_onesided_location`

*Original tag:* `location`

*Description:*

The countries where this episode of violence took place. Comma-separated if multiple.

**WARNING:** This variable SHOULD NEVER be used for any geographical or spatial analyses of conflict, as the distribution of violence as well as the relative magnitude of violence by country is not captured. In effect a country is listed here if even one dead in the given conflict has occurred in that country.

In fact, UCDP provides much better geographic coverage of conflict (including distribution of violence for each conflict and each country) in the UCDP Georeferenced Event Dataset (GED).

Like the UCDP One-Sided Violence Dataset, GED is global and covers the same period (1989-2022).

#### 2.14.4.2 GW ID of Country where One-sided Violence Taking Place (`gwno_location`)

*Long tag:* `ucdp_onesided_gwno_location`

*Original tag:* `gwno_location`

*Description:*

The Gleditsch and Ward code for the countries where this episode of one-sided violence took place. Comma-separated if multiple.

**WARNING:** This variable SHOULD NEVER be used for any geographical or spatial analyses of conflict, as the distribution of violence as well as the relative magnitude of violence by country is not captured. In effect, a country is listed here if even one dead in the given conflict has occurred in that country.

In fact, UCDP provides much better geographic coverage of one-sided violence (including distribution of violence for each dyad and each country) in the UCDP Georeferenced Event

Dataset (GED).

Like the UCDP One-Sided Violence Dataset, GED is global and covers the same period (1989-2022).

#### 2.14.4.3 Region (region)

*Long tag:* ucdp\_onesided\_region

*Original tag:* region

*Description:*

The continents (regions) where violence took place:

- 1 = Europe (GWNo: 200-399),
- 2 = Middle East (GWNo: 630-699)
- 3 = Asia (GWNo: 700-999)
- 4 = Africa (GWNo: 400-626)
- 5 = Americas (GWNo: 2-199).

#### 2.14.5 Dataset Version

The version of the dataset.

##### 2.14.5.1 Dataset Version (version)

*Long tag:* ucdp\_onesided\_version

*Original tag:* version

*Description:*

The version of the dataset: 24.1

## 2.15 UCDP Country Year Dataset on Organized Violence within Country Borders version 24.1

**Dataset tag:** ucdp\_orgv\_cy

**Output Unit:** UCDP Organized Violence Country-Year, i.e., data is collected per country (territory) and year in which organized violence occurred. This means that each row in the dataset can be identified through a combination of the variables `country_cy` (or `country_id_cy`) and `year_cy`.

**Description:** This dataset collects data on organized violence within country borders, accounting for different types of violence and separating between interstate and intrastate conflicts. Please note that a country in this dataset refers to the territory on which violence has occurred.

**Dataset citation:**

Davies, Shawn, Garoun Engström, Therese Pettersson Magnus Öberg (2024). Organized violence 1989-2023, and the prevalence of organized crime groups. *Journal of Peace Research* 61(4).

Sundberg, Ralph and Erik Melander (2013) Introducing the UCDP Georeferenced Event Dataset. *Journal of Peace Research* 50(4).

**Link to original codebook**

[https://ucdp.uu.se/downloads/organizedviolencecy/UCDP\\_OrganizedViolenceCY\\_Codebook\\_241.pdf](https://ucdp.uu.se/downloads/organizedviolencecy/UCDP_OrganizedViolenceCY_Codebook_241.pdf)

**License:** UCDP offers a web-based system for visualising, handling and downloading data, including ready-made datasets on organized violence and peacemaking. All UCDP data are free of charge.

More detailed information on the dataset can be found at the following web page:  
<https://ucdp.uu.se/downloads/index.html>

### 2.15.1 Identifiers

This section provides the country and year identifiers for each row in the dataset.

#### 2.15.1.1 Country (`country_cy`)

*Long tag:* ucdp\_orgv\_cy\_country\_cy

*Original tag:* country\_cy

*Dataset citation:* Davies et al. (2024)

*Description:*

The name of the country

#### 2.15.1.2 Country GW ID (`country_id_cy`)

*Long tag:* ucdp\_orgv\_cy\_country\_id\_cy

*Original tag:* country\_id\_cy

*Dataset citation:* Davies et al. (2024)

*Description:*

Gleditsch and Ward number of the country

#### 2.15.1.3 Year (`year_cy`)

*Long tag:* ucdp\_orgv\_cy\_year\_cy

*Original tag:* year\_cy

*Dataset citation:* Davies et al. (2024)

*Description:*

Year

#### 2.15.1.4 Region (`region_cy`)

*Long tag:* ucdp\_orgv\_cy\_region\_cy

*Original tag:* region\_cy

*Dataset citation:* Davies et al. (2024)

*Description:*

Region where the country is located.

### 2.15.2 State-based Violence

This section provides fatality figures for state-based violence.

#### 2.15.2.1 Main Government (`main_govt_name_cy`)

*Long tag:* ucdp\_orgv\_cy\_main\_govt\_name\_cy

*Original tag:* main\_govt\_name\_cy

*Dataset citation:* Davies et al. (2024)

*Description:*

The name of the government of the country. It is the main government which exercises the use of power within the borders of the country.

#### 2.15.2.2 Dyad Count for State-based Violence (`sb_dyad_count_cy`)

*Long tag:* ucdp\_orgv\_cy\_sb\_dyad\_count\_cy

*Original tag:* sb\_dyad\_count\_cy

*Dataset citation:* Davies et al. (2024)

*Description:*

The number of state-based dyads engaging in organized violence within the borders of a country in a given year.

**2.15.2.3 Dyad IDs for State-based Violence (sb\_dyad\_ids\_cy)**

*Long tag:* ucdp\_orgv\_cy\_sb\_dyad\_ids\_cy

*Original tag:* sb\_dyad\_ids\_cy

*Dataset citation:* Davies et al. (2024)

*Description:*

The IDs of state-based dyads engaging in organized violence within the borders of a country in a given year. NO\_DYAD is coded when there was no relevant record in UCDP GED.

**2.15.2.4 Dyad Names for State-based Violence (sb\_dyad\_names\_cy)**

*Long tag:* ucdp\_orgv\_cy\_sb\_dyad\_names\_cy

*Original tag:* sb\_dyad\_names\_cy

*Dataset citation:* Davies et al. (2024)

*Description:*

The names of state-based dyads engaging in organized violence within the borders of a country in a given year. NO\_DYAD is coded when there was no relevant record in UCDP GED.

**2.15.2.5 Total Fatalities (Best/High/Low Estimates) in State-based Violence (sb\_total\_deaths\_best\_cy)**

*Long tag:* ucdp\_orgv\_cy\_sb\_total\_deaths\_best\_cy

*Original tag:* sb\_total\_deaths\_best\_cy

*Dataset citation:* Davies et al. (2024)

*Description:*

The best/high/low estimates for the total number of fatalities in state-based violence within the borders of a country in a given year.

**2.15.2.6 Existence of Intrastate State-based Violence (sb\_intrastate\_exist\_cy)**

*Long tag:* ucdp\_orgv\_cy\_sb\_intrastate\_exist\_cy

*Original tag:* sb\_intrastate\_exist\_cy

*Dataset citation:* Davies et al. (2024)

*Description:*

The existence of intrastate state-based violence within the borders of a country in a given year. It is 1 if intrastate state-based violence occurs.

**2.15.2.7 Dyad Count for Intrastate State-based Violence (sb\_intrastate\_dyad\_count\_cy)**

*Long tag:* ucdp\_orgv\_cy\_sb\_intrastate\_dyad\_count\_cy

*Original tag:* sb\_intrastate\_dyad\_count\_cy

*Dataset citation:* Davies et al. (2024)

*Description:*

The number of intrastate state-based dyads engaging in organized violence within the borders of a country in a given year.

**2.15.2.8 Dyad Names for Intrastate State-based Violence (sb\_intrastate\_dyad\_names\_cy)**

*Long tag:* ucdp\_orgv\_cy\_sb\_intrastate\_dyad\_names\_cy

*Original tag:* sb\_intrastate\_dyad\_names\_cy

*Dataset citation:* Davies et al. (2024)

*Description:*

The names of intrastate state-based dyads engaging in organized violence within the borders of a country in a given year. NO\_DYAD is coded when there was no relevant record in UCDP GED.

### 2.15.2.9 State-based Intrastate Main government Involvement (sb\_intrastate\_main\_govt\_inv\_incomp\_cy)

*Long tag:* ucdp\_orgv\_cy\_sb\_intrastate\_main\_govt\_inv\_incomp\_cy

*Original tag:* sb\_intrastate\_main\_govt\_inv\_incomp\_cy

*Dataset citation:* Davies et al. (2024)

*Description:*

The involvement of the main government in forming the incompatibility of at least one intrastate state-based violence within the borders of a country in a given year. It is 1 if the main government is among the parties forming the incompatibility of at least one intrastate state-based violence.

### 2.15.2.10 Total Fatalities (Best/High/Low Estimates) in Intrastate State-based Violence (sb\_intrastate\_deaths\_best\_cy)

*Long tag:* ucdp\_orgv\_cy\_sb\_intrastate\_deaths\_best\_cy

*Original tag:* sb\_intrastate\_deaths\_best\_cy

*Dataset citation:* Davies et al. (2024)

*Description:*

The best/high/low estimates for the total number of fatalities in intrastate state-based violence within the borders of a country in a given year.

### 2.15.2.11 Existence of Interstate State-based Violence (sb\_interstate\_exist\_cy)

*Long tag:* ucdp\_orgv\_cy\_sb\_interstate\_exist\_cy

*Original tag:* sb\_interstate\_exist\_cy

*Dataset citation:* Davies et al. (2024)

*Description:*

The existence of interstate state-based violence within the borders of a country in a given year. It is 1 if interstate statebased violence occurs.

### 2.15.2.12 Dyad Count for Interstate State-based Violence (sb\_interstate\_dyad\_count\_cy)

*Long tag:* ucdp\_orgv\_cy\_sb\_interstate\_dyad\_count\_cy

*Original tag:* sb\_interstate\_dyad\_count\_cy

*Dataset citation:* Davies et al. (2024)

*Description:*

The number of interstate state-based dyads engaging in organized violence within the borders of a country in a given year.

### 2.15.2.13 Dyad IDs for Intrastate State-based Violence (sb\_intrastate\_dyad\_ids\_cy)

*Long tag:* ucdp\_orgv\_cy\_sb\_intrastate\_dyad\_ids\_cy

*Original tag:* sb\_intrastate\_dyad\_ids\_cy

*Dataset citation:* Davies et al. (2024)

*Description:*

The IDs of intrastate state-based dyads engaging in organized violence within the borders of a country in a given year. NO\_DYAD is coded when there was no relevant record in UCDP GED.

**2.15.2.14 Dyad Names for Interstate State-based Violence (sb\_interstate\_dyad\_names\_cy)***Long tag:* ucdp\_orgv\_cy\_sb\_interstate\_dyad\_names\_cy*Original tag:* sb\_interstate\_dyad\_names\_cy*Dataset citation:* Davies et al. (2024)*Description:*

The names of interstate state-based dyads engaging in organized violence within the borders of a country in a given year. NO\_DYAD is coded when there was no relevant record in UCDP GED.

**2.15.2.15 State-based Interstate Main government Involvement (sb\_interstate\_main\_govt\_inv\_incomp\_cy)***Long tag:* ucdp\_orgv\_cy\_sb\_interstate\_main\_govt\_inv\_incomp\_cy*Original tag:* sb\_interstate\_main\_govt\_inv\_incomp\_cy*Dataset citation:* Davies et al. (2024)*Description:*

The involvement of the main government in forming the incompatibility of at least one interstate state-based violence within the borders of a country in a given year. It is 1 if the main government is among the parties forming the incompatibility of at least one interstate state-based violence.

**2.15.2.16 Total Fatalities (Best/High/Low Estimates) in Interstate State-based Violence (sb\_interstate\_deaths\_best\_cy)***Long tag:* ucdp\_orgv\_cy\_sb\_interstate\_deaths\_best\_cy*Original tag:* sb\_interstate\_deaths\_best\_cy*Dataset citation:* Davies et al. (2024)*Description:*

The best/high/low estimates for the total number of fatalities in interstate state-based violence within the borders of a country in a given year.

**2.15.2.17 Dyad IDs for Interstate State-based Violence (sb\_interstate\_dyad\_ids\_cy)***Long tag:* ucdp\_orgv\_cy\_sb\_interstate\_dyad\_ids\_cy*Original tag:* sb\_interstate\_dyad\_ids\_cy*Dataset citation:* Davies et al. (2024)*Description:*

The IDs of interstate state-based dyads engaging in organized violence within the borders of a country in a given year. NO\_DYAD is coded when there was no relevant record in UCDP GED.

**2.15.2.18 Existence of State-based Violence (sb\_exist\_cy)***Long tag:* ucdp\_orgv\_cy\_sb\_exist\_cy*Original tag:* sb\_exist\_cy*Dataset citation:* Davies et al. (2024)*Description:*

The existence of state-based violence within the borders of a country in a given year. It is 1 if state-based violence occurs.

**2.15.2.19 State based Deaths Parties (sb\_deaths\_parties\_cy)***Long tag:* ucdp\_orgv\_sb\_deaths\_parties\_cy*Original tag:* sb\_deaths\_parties\_cy*Dataset citation:* Davies et al. (2024)



*Description:*

### **2.15.2.20 State-based Inter and Intrastate Deaths Civilians (sb\_deaths\_civilians\_cy)**

*Long tag:* ucdp\_orgv\_sb\_deaths\_civilians\_cy

*Original tag:* sb\_deaths\_civilians\_cy

*Dataset citation:* Davies et al. (2024)

*Description:*

### **2.15.2.21 State-based Unknown Deaths (sb\_deaths\_unknown\_cy)**

*Long tag:* ucdp\_orgv\_sb\_deaths\_unknown\_cy

*Original tag:* sb\_deaths\_unknown\_cy

*Dataset citation:* Davies et al. (2024)

*Description:*

## **2.15.3 Non-state Violence**

This section provides fatality figures for non-state violence.

### **2.15.3.1 Dyad Count for Non-state Violence (ns\_dyad\_count\_cy)**

*Long tag:* ucdp\_orgv\_cy\_ns\_dyad\_count\_cy

*Original tag:* ns\_dyad\_count\_cy

*Dataset citation:* Davies et al. (2024)

*Description:*

The number of non-state dyads engaging in organized violence within the borders of a country in a given year.

### **2.15.3.2 Dyad IDs for Non-state Violence (ns\_dyad\_ids\_cy)**

*Long tag:* ucdp\_orgv\_cy\_ns\_dyad\_ids\_cy

*Original tag:* ns\_dyad\_ids\_cy

*Dataset citation:* Davies et al. (2024)

*Description:*

The IDs of non-state dyads engaging in organized violence within the borders of a country in a given year. NO\_DYAD is coded when there was no relevant record in UCDP GED.

### **2.15.3.3 Dyad Names for Non-state Violence (ns\_dyad\_names\_cy)**

*Long tag:* ucdp\_orgv\_cy\_ns\_dyad\_names\_cy

*Original tag:* ns\_dyad\_names\_cy

*Dataset citation:* Davies et al. (2024)

*Description:*

The names of non-state dyads engaging in organized violence within the borders of a country in a given year. NO\_DYAD is coded when there was no relevant record in UCDP GED.

### **2.15.3.4 Total Fatalities (Best/High/Low Estimates) in Non-state Violence (ns\_total\_deaths\_best\_cy)**

*Long tag:* ucdp\_orgv\_cy\_ns\_total\_deaths\_best\_cy

*Original tag:* ns\_total\_deaths\_best\_cy

*Dataset citation:* Davies et al. (2024)

*Description:*

The best/high/low estimates for fatalities of the parties in non-state violence within the borders of a country in a given year.

**2.15.3.5 Existence of Non-state Violence (ns\_exist\_cy)**

*Long tag:* ucdp\_orgv\_cy\_ns\_exist\_cy

*Original tag:* ns\_exist\_cy

*Dataset citation:* Davies et al. (2024)

*Description:*

The existence of non-state violence within the borders of a country in a given year. It is 1 if non-state violence occurs.

**2.15.4 One-sided Violence**

This section provides fatality figures for onesided violence.

**2.15.4.1 Main Government Involved (os\_main\_govt\_inv\_cy)**

*Long tag:* ucdp\_orgv\_cy\_os\_main\_govt\_inv\_cy

*Original tag:* os\_main\_govt\_inv\_cy

*Dataset citation:* Davies et al. (2024)

*Description:*

The involvement of the main government in one-sided violence within the borders of a country in a given year. It is 1 if the main government is involved in one-sided violence.

**2.15.4.2 One-sided Main Government Killings Best/High/Low Estimate (os\_main\_govt\_killings\_best\_cy)**

*Long tag:* ucdp\_orgv\_cy\_os\_main\_govt\_killings\_best\_cy

*Original tag:* os\_main\_govt\_killing\_best\_cy

*Dataset citation:* Davies et al. (2024)

*Description:*

The best/high/low estimate for the total number of fatalities in one-sided violence by the main government within the borders of a country in a given year.

**2.15.4.3 Involvement of Any Government in One-sided Violence (os\_any\_govt\_inv\_cy)**

*Long tag:* ucdp\_orgv\_cy\_os\_any\_govt\_inv\_cy

*Original tag:* os\_any\_govt\_inv\_cy

*Dataset citation:* Davies et al. (2024)

*Description:*

The involvement of any government actor in one-sided violence within the borders of a country in a given year. It is 1 if a government actor is involved in one-sided violence.

**2.15.4.4 Total Fatalities (Best/High/Low Estimates) Caused by Any Government in One-sided Violence (os\_any\_govt\_killings\_best\_cy)**

*Long tag:* ucdp\_orgv\_cy\_os\_any\_govt\_killings\_best\_cy

*Original tag:* os\_any\_govt\_killing\_best\_cy

*Dataset citation:* Davies et al. (2024)

*Description:*

The best/high/low estimates for the total number of fatalities in one-sided violence by the any government actors within the borders of a country in a given year. The figure includes one-sided violence by the government of the country -if applicable.

**2.15.4.5 Involvement of Non-state Actors in One-sided Violence (os\_nsgroup\_inv\_cy)**

*Long tag:* ucdp\_orgv\_cy\_os\_nsgroup\_inv\_cy

*Original tag:* os\_nsgroup\_inv\_cy

*Dataset citation:* Davies et al. (2024)

*Description:*

The involvement of any non-state group in one-sided violence within the borders of a country in a given year. It is 1 if a non-state group is involved in one-sided violence.

**2.15.4.6 Total Fatalities (Best/High/Low Estimates) Caused by Non-state Actors in One-sided Violence (os\_nsgroup\_killings\_best\_cy)**

*Long tag:* ucdp\_orgv\_cy\_os\_nsgroup\_killings\_best\_cy

*Original tag:* os\_nsgroup\_killings\_best\_cy

*Dataset citation:* Davies et al. (2024)

*Description:*

The best/high/low estimates for the total number of fatalities in one-sided violence by non-state groups within the borders of a country in a given year.

**2.15.4.7 Total Fatalities (Best/High/Low Estimates) in One-sided Violence (os\_total\_deaths\_best\_cy)**

*Long tag:* ucdp\_orgv\_cy\_os\_total\_deaths\_best\_cy

*Original tag:* os\_total\_deaths\_best\_cy

*Dataset citation:* Davies et al. (2024)

*Description:*

The best/high/low estimates for the total number of fatalities in one-sided violence within the borders of a country in a given year.

**2.15.4.8 Existence of One-sided Violence (os\_exist\_cy)**

*Long tag:* ucdp\_orgv\_cy\_os\_exist\_cy

*Original tag:* os\_exist\_cy

*Dataset citation:* Davies et al. (2024)

*Description:*

The existence of one-sided violence within the borders of a country in a given year. It is 1 if one-sided violence occurs.

**2.15.4.9 Numer of one-sided actors (os\_actor\_count\_cy)**

*Long tag:* ucdp\_orgv\_cy\_os\_actor\_count\_cy

*Original tag:* os\_actor\_count\_cy

*Dataset citation:* Davies et al. (2024)

*Description:*

The number of one-sided actors engaging in organized violence within the borders of a country in a given year.

**2.15.4.10 IDs of one-sided actors (os\_ids\_cy)**

*Long tag:* ucdp\_orgv\_cy\_os\_ids\_cy

*Original tag:* os\_ids\_cy

*Dataset citation:* Davies et al. (2024)

*Description:*

The IDs of one-sided violence engaging in organized violence within the borders of a country in a given year. They are the dyad IDs stated on the UCDP Georeferenced Events Dataset.

**2.15.4.11 Names of one-sided actors (os\_actor\_names\_cy)**

*Long tag:* ucdp\_orgv\_cy\_os\_actor\_names\_cy

*Original tag:* os\_actor\_names\_cy

*Dataset citation:* Davies et al. (2024)

*Description:*

The names of one-sided actors engaging in organized violence within the borders of a country in a given year.

**2.15.4.12 Killings one-sided Unknown (os\_killings\_unknown\_cy)**

*Long tag:* ucdp\_orgv\_os\_killings\_unknown\_cy

*Original tag:* os\_killings\_unknown\_cy

*Dataset citation:* Davies et al. (2024)

*Description:*

**2.15.5 Cumulative Fatalities**

Cumulative Fatality figures per type of violence in a country-year.

**2.15.5.1 Cumulative Fatalities (Best/High/Low Estimates) in Organized Violence (Includes State-based, Non-State, and One-sided Violence) (cumulative\_total\_deaths\_in\_orgvio\_best\_cy)**

*Long tag:* ucdp\_orgv\_cy\_cumulative\_total\_deaths\_in\_orgvio\_best\_cy

*Original tag:* cumulative\_total\_deaths\_in\_orgvio\_best\_cy

*Dataset citation:* Davies et al. (2024)

*Description:*

The best/high/low estimates for fatalities in organized violence within the borders of a country in a given year. It covers fatality estimates from all three types of violence: state-based, non-state, one-sided NA

**2.15.5.2 Dataset Version (version)**

*Long tag:* ucdp\_orgv\_version

*Original tag:* version

*Dataset citation:* Davies et al. (2024)

*Description:*

**2.16 UCDP Peacemakers at Risk (PAR) Dataset version 1.0-2016**

***Dataset tag:*** ucdp\_par

***Output Unit:*** UCDP Peacemakers-at-Risk Event ID i.e., data is collected per event. The unit for this dataset is an event. That means for each recorded event, there is one row in the dataset. This unit is identified using the id column.

***Description:*** This event-dataset tracks violence against peacekeepers deployed to conflict-affected countries in sub-Saharan Africa as part of both UN and non-UN peace operations. The Peacemakers at Risk (PAR) records reported incidences of violence resulting in direct peacekeeping personnel fatalities, injuries and kidnappings. Each recorded event also provides information on the timing, location and actors implicated, as well as on the nationalities of those violence-affected peacekeepers. The dataset also tracks reports of fatal violence perpetrated by peacekeepers, which allows for the study of peacekeepers' use of force. In its current version, the dataset covers the 1989 - 2009 time-period. The dataset is made compatible with other existing UCDP datasets on

organized violence.

**Dataset citation:**

Lindberg Bromley, Sara. *Introducing the UCDP Peacemakers at Risk Dataset, Sub-Saharan Africa 1989-2009*. Journal of Peace Research 55, no. 1 (2018): 122–31. <https://doi.org/10.1177/0022343317735882>.

**Link to original codebook**

[https://ucdp.uu.se/downloads/par/par\\_codebook.pdf](https://ucdp.uu.se/downloads/par/par_codebook.pdf)

**License:** UCDP offers a web-based system for visualising, handling and downloading data, including ready-made datasets on organized violence and peacemaking. All UCDP data are free of charge.

More detailed information on the dataset can be found at the following web page: <https://ucdp.uu.se/downloads/index.html#par>

### 2.16.1 Identifier

These variables identify rows in the dataset.

#### 2.16.1.1 Id (id)

*Long tag:* ucdp\_par\_id

*Original tag:* id

*Dataset citation:* Lindberg Bromley (2018)

*Description:*

A unique numeric ID identifying each event.

#### 2.16.1.2 Included in UCDP GED Dataset version 5.0-2016 (ged50\_corresp\_id)

*Long tag:* ucdp\_par\_ged50\_corresp\_id

*Original tag:* ged50\_corresp\_id

*Dataset citation:* Lindberg Bromley (2018)

*Description:*

Is event included in the UCDP GED Dataset version 5.0-2016?

[UCDP GED ID] = yes, the event is already included in the UCDP GED Dataset.

0 = no, the PAR event is unique.

#### 2.16.1.3 Year (year)

*Long tag:* ucdp\_par\_year

*Original tag:* year

*Dataset citation:* Lindberg Bromley (2018)

*Description:*

Shows the calendar year in which the event took place.

#### 2.16.1.4 Code Status (code\_status)

*Long tag:* ucdp\_par\_code\_status

*Original tag:* code\_status

*Dataset citation:* Lindberg Bromley (2018)

*Description:*

Clear: event fulfils all UCDP/PAR criteria for inclusion

Organisation: event fulfils all criteria for inclusion apart from the organisational criteria on Side A (Local actors).

**2.16.1.5 Article Source (source\_article)**

*Long tag:* ucdp\_par\_source\_article

*Original tag:* source\_article

*Dataset citation:* Lindberg Bromley (2018)

*Description:*

The name and date of the source material from which information on the event is gathered.

**2.16.1.6 Original Source (source\_original)**

*Long tag:* ucdp\_par\_source\_original

*Original tag:* source\_original

*Dataset citation:* Lindberg Bromley (2018)

*Description:*

The type of person, organisation, or other unit from which the information in the source stems.

**2.16.1.7 Dyad ID (dyad\_dset\_id)**

*Long tag:* ucdp\_par\_dyad\_dset\_id

*Original tag:* dyad\_dset\_id

*Dataset citation:* Lindberg Bromley (2018)

*Description:*

Dyad ID code for each unique PAR dyad.

**2.16.1.8 Dyad Name (dyad\_name)**

*Long tag:* ucdp\_par\_dyad\_name

*Original tag:* dyad\_name

*Dataset citation:* Lindberg Bromley (2018)

*Description:*

Name of the dyad creating the event (for example Government of Somalia-AMISOM or CNDD-OMIB or civilians-Operation Licorne).

**2.16.1.9 Side A (side\_a)**

*Long tag:* ucdp\_par\_side\_a

*Original tag:* side\_a

*Dataset citation:* Lindberg Bromley (2018)

*Description:*

The name(s) of Side A in the dyad. For PAR it will be the name of the government in the country of deployment or non-state actor(s) involved in a dyad with a third party actor. It may also be one of the generic names for actors that are not known or do not meet the organisation criterion (see codes below): “civilians”; “mobs”; “organisation unknown”; “unknown”.

**2.16.1.10 Side B Unique ID(s) (side\_a\_dset\_id)**

*Long tag:* ucdp\_par\_side\_a\_dset\_id

*Original tag:* side\_a\_dset\_id

*Dataset citation:* Lindberg Bromley (2018)

*Description:*

The unique ID of actor(s) in Side A. From the UCDP Actor Dataset.

It may also be one of the following generic IDs, including for less organised or known actors: “9999”: code for civilians in Side A, i.e. cases in which a third party actor uses direct force against an unarmed civilian (“civilians”); “6058”: code for demonstrators, protestors, mobs that use any form of material force (“mobs”);

“6059”: code for seemingly organised but unknown/unidentified actors (“organisation unknown”);

“6060”: code for unknown/unidentified actors (“unknown”)

NOTE: Local actors or alliances not previously included in UCDP data are displayed separately in the file “par\_actors\_a”, included in dataset supporting materials.

#### **2.16.1.11 Side B (side\_b)**

*Long tag:* ucdp\_par\_side\_b

*Original tag:* side\_b

*Dataset citation:* Lindberg Bromley (2018)

*Description:*

The name(s) of Side B in the dyad. For PAR the name of the third party actor (peace operation acronym). Notes also any additional actors, including local armed actors, where implicated as acting in cooperation with a third party actor in the same event.

#### **2.16.1.12 Side B Unique ID(s) (side\_b\_dset\_id)**

*Long tag:* ucdp\_par\_side\_b\_dset\_id

*Original tag:* side\_b\_dset\_id

*Dataset citation:* Lindberg Bromley (2018)

*Description:*

The unique ID(s) of Side B, created for the PAR Dataset.

NOTE: For further information on actors and alliances on side b, see among the dataset supporting materials, “par\_peacekeepers”.

#### **2.16.1.13 Side B PKO id (side\_b\_pko\_id)**

*Long tag:* ucdp\_par\_side\_b\_pko\_id

*Original tag:* side\_b\_pko\_id

*Dataset citation:* Lindberg Bromley (2018)

*Description:*

The PKO actor(s) involved in the specific event, created for the PAR Integer Dataset.

#### **2.16.1.14 Country (country)**

*Long tag:* ucdp\_par\_country

*Original tag:* country

*Dataset citation:* Lindberg Bromley (2018)

*Description:*

Name of the country in which the event takes place.

#### **2.16.1.15 Country Code (country\_id)**

*Long tag:* ucdp\_par\_country\_id

*Original tag:* country\_id

*Dataset citation:* Lindberg Bromley (2018)

*Description:*

Gleditsch and Ward code of the country in which the event takes place.

#### **2.16.1.16 First Order Administrative Division (adm\_1)**

*Long tag:* ucdp\_par\_adm\_1

*Original tag:* adm\_1

*Dataset citation:* Lindberg Bromley (2018)

*Description:*

The name of the first order administrative division (province etc.) in which the event took place.

**2.16.1.17 First Order Administrative Division (adm\_2)***Long tag:* ucdp\_par\_adm\_2*Original tag:* adm\_2*Dataset citation:* Lindberg Bromley (2018)*Description:*

The name of the second order administrative division (district etc.) in which the event took place.

**2.16.1.18 Nationality PKO (nationality\_pko)***Long tag:* ucdp\_par\_nationality\_pko*Original tag:* nationality\_pko*Dataset citation:* Lindberg Bromley (2018)*Description:*

This variable reflects the reported nationalities (countries of origin, i.e. peacekeeping personnel contributing countries) of those individual members of a peace operation that are reported to suffer the violence outcome(s) recorded, at the event-level. This entry is therefore applicable only for events with recorded violence-outcomes to peacekeeping personnel, and only in cases where such outcomes are recorded in the best estimate.

The variable is coded as a string in a standardised format:

- First, the nationality of the violence-affected peacekeeper (country of origin), followed by the number of cases and type of outcome. As an example: "India: 5 injury".

- If peacekeepers of the same nationality (countries of origin) suffer different kinds of violence-outcomes in the same incident, these outcomes are listed separately and separated by commas and spaces according to a standardised format. The types of outcomes are listed in singular and ordered

alphabetically (i.e. death, injury, kidnap). As an example: "India: 5 injury, 1 kidnap".

- If peacekeepers of several different nationalities (countries of origin) are violence-affected in the same

event, separate strings for each country are coded following the above-listed format. These smaller

strings are then combined into one, ordered alphabetically by country-name, with country-strings

separated by semicolons. As an example: "Chad: 1 injury; India: 5 injury, 2 kidnap; Philippines: 2 death, 3 injury".

- In cases of missing information and to account for violence-outcomes recorded in the incident, the country-name can be substituted for a generic "No info" entry. As an example: "No info: 1 death; South Africa: 2 injury".

For information of relevance also for the coding of nationalities, see also Appendix 3.

**2.16.2 Location**

Location

**2.16.2.1 Where Preciseness (where\_prec)***Long tag:* ucdp\_par\_where\_prec*Original tag:* where\_prec



*Dataset citation:* Lindberg Bromley (2018)

*Description:*

The geo-precision code for the location reflecting the preciseness of the coordinates and eventual estimation.

#### **2.16.2.2 Where Coordinates (where\_coordinates)**

*Long tag:* ucdp\_par\_where\_coordinates

*Original tag:* where\_coordinates

*Dataset citation:* Lindberg Bromley (2018)

*Description:*

Name of the location to which the event is assigned (name of place described by lat and lon)

#### **2.16.2.3 Latitude Coordinates (latitude)**

*Long tag:* ucdp\_par\_latitude

*Original tag:* latitude

*Dataset citation:* Lindberg Bromley (2018)

*Description:*

The latitude coordinates of the location.

#### **2.16.2.4 Longitude Coordinates (longitude)**

*Long tag:* ucdp\_par\_longitude

*Original tag:* longitude

*Dataset citation:* Lindberg Bromley (2018)

*Description:*

The longitude coordinates of the location.

#### **2.16.2.5 Geometry Information (geom\_wkt)**

*Long tag:* ucdp\_par\_geom\_wkt

*Original tag:* geom\_wkt

*Dataset citation:* Lindberg Bromley (2018)

*Description:*

Geometry (lat/lon) information in OGC WKT format

#### **2.16.2.6 PRIO-GRID Cell (priogrid\_gid)**

*Long tag:* ucdp\_par\_priogrid\_gid

*Original tag:* priogrid\_gid

*Dataset citation:* Lindberg Bromley (2018)

*Description:*

The PRIO-GRID cell in which this specific event took place. Compatibility with PRIO-grid45 for PRIO-grid 1 and 2.

### **2.16.3 Clarity**

This codes whether the reporting was sufficiently clear for the coder to be able to fully identify the event itself or not.

#### **2.16.3.1 Event Clarity (event\_clarity)**

*Long tag:* ucdp\_par\_event\_clarity

*Original tag:* event\_clarity

*Dataset citation:* Lindberg Bromley (2018)

*Description:*

- 1 (high) for events where the reporting allows the coder to identify the event in full.
- 2 (lower) for events where an aggregation of information was already made by the source material that is impossible to undo in the coding process.

**2.16.4 Time**

Each event is defined to have occurred at a certain date. The precision of the dataset is one calendar day, starting at 00:00 (midnight) and ending at 23:59 local time. In many cases, the exact day an event has taken place is impossible to find out with any certainty. In those cases, a temporal precision variable is provided which denotes with what accuracy a specific time period in which the event occurred is known.

**2.16.4.1 Date Precision (date\_prec)**

*Long tag:* ucdp\_par\_date\_prec

*Original tag:* date\_prec

*Dataset citation:* Lindberg Bromley (2018)

*Description:*

How precise the information about the exact time (day) of the occurrence of the event is.

**2.16.4.2 Start Date (date\_start)**

*Long tag:* ucdp\_par\_date\_start

*Original tag:* date\_start

*Dataset citation:* Lindberg Bromley (2018)

*Description:*

Start date of the event (earliest possible)

**2.16.4.3 End Date (date\_end)**

*Long tag:* ucdp\_par\_date\_end

*Original tag:* date\_end

*Dataset citation:* Lindberg Bromley (2018)

*Description:*

End date of the event (latest possible)

**2.16.5 Fatality Figures**

This section provides fatality figures for each event.

A note on civilian deaths: Civilian deaths can exist in all three categories of violence.

In state-based and non-state violence, civilian deaths count “collateral” killings, i.e. when one or more civilians are killed as an effect of fighting between the two warring parties. At times, such fighting may even result in only the civilian bystanders receiving fatal injuries. Similarly, imprecise shelling or bombing in the context of an armed conflict is coded as state-based violence unless it is clear (from either reporting or context) that civilians have been explicitly targeted. In one-sided violence, the targeted and killed civilians are always registered in the deaths\_civilians column.

This section includes additional variables created for Demscore, that group the fatalities per country and year by the type of violence. These variables are relevant when aggregating the UCDP GED Dataset to a country-year level.

**2.16.5.1 Deaths for side A (deaths\_a)**

*Long tag:* ucdp\_par\_deaths\_a

*Original tag:* deaths\_a

*Dataset citation:* Lindberg Bromley (2018)

*Description:*

The estimated number of deaths for Side A. For PAR, deaths on Side A entail any fatalities accrued among government or non-state actors, less organised or known local actors, or civilians (when direct party to dyad).

**2.16.5.2 Deaths for side B (deaths\_b)**

*Long tag:* ucdp\_par\_deaths\_b

*Original tag:* deaths\_b

*Dataset citation:* Lindberg Bromley (2018)

*Description:*

The estimated number of deaths for Side B. For PAR, deaths on Side B entail only third party deaths, all categories, including civilian third parties.

**2.16.5.3 Unknown deaths (deaths\_unknown)**

*Long tag:* ucdp\_par\_deaths\_unknown

*Original tag:* deaths\_unknown

*Dataset citation:* Lindberg Bromley (2018)

*Description:*

The estimated number of deaths of unknown persons.

**2.16.5.4 Collateral Civilians (collateral\_civilians)**

*Long tag:* ucdp\_par\_collateral\_civilians

*Original tag:* collateral\_civilians

*Dataset citation:* Lindberg Bromley (2018)

*Description:*

The estimated number of deaths of civilians (civilian bystanders not associated with the third party, nor involved in a direct dyad with the third party in question).

**2.16.5.5 Best Estimate (best\_est)**

*Long tag:* ucdp\_par\_best\_est

*Original tag:* best\_est

*Dataset citation:* Lindberg Bromley (2018)

*Description:*

The best estimate of fatalities resulting from the event.

**2.16.5.6 High Estimate (high\_est)**

*Long tag:* ucdp\_par\_high\_est

*Original tag:* high\_est

*Dataset citation:* Lindberg Bromley (2018)

*Description:*

The high estimate of fatalities resulting from the event. When there is no high estimate for an event, the high estimate cell registers the best estimate fatalities.

**2.16.5.7 Low Estimate (low\_est)**

*Long tag:* ucdp\_par\_low\_est

*Original tag:* low\_est

*Dataset citation:* Lindberg Bromley (2018)

*Description:*

The low estimate of fatalities resulting from the event. When there is no low estimate for an

event, the low estimate cell registers the best estimate fatalities.

#### **2.16.5.8 Deaths Nationals (deaths\_nationals)**

*Long tag:* ucdp\_par\_deaths\_nationals

*Original tag:* deaths\_nationals

*Dataset citation:* Lindberg Bromley (2018)

*Description:*

Does the total number of fatalities recorded in this event include any national members of staff attached to a third party actor (local staff members)?

0 = no

1 = yes

### **2.16.6 Violence**

Violence

#### **2.16.6.1 Non Lethal Violence (non\_lethal\_violence)**

*Long tag:* ucdp\_par\_non\_lethal\_violence

*Original tag:* non\_lethal\_violence

*Dataset citation:* Lindberg Bromley (2018)

*Description:*

In this event, were there only non-fatal outcomes to third party actors, and no deaths (in the best estimate)?

0 = no

1 = yes

#### **2.16.6.2 Non Lethal Injury (injury\_non\_lethal)**

*Long tag:* ucdp\_par\_injury\_non\_lethal

*Original tag:* injury\_non\_lethal

*Dataset citation:* Lindberg Bromley (2018)

*Description:*

Attack using force leading to physical injury in a member of a third party (number of individuals injured, best estimate). In order to meet the criteria of an injury attacks against members of intervening third party actors must have been direct and the intent is to capture incidences of violence levelled with a presumed intent of causing major bodily harm.

#### **2.16.6.3 Non-Fatal Casualties (nationals\_non\_lethal)**

*Long tag:* ucdp\_par\_nationals\_non\_lethal

*Original tag:* nationals\_non\_lethal

*Dataset citation:* Lindberg Bromley (2018)

*Description:*

Does the total number of non-fatal outcomes coded in this event include any national members of staff attached to a third party actor?

0 = no

1 = yes

### **2.16.7 Estimate**

Estimate

### 2.16.7.1 Non-Lethal Kidnappings (kidnap\_non\_lethal)

*Long tag:* ucdp\_par\_kidnap\_non\_lethal

*Original tag:* kidnap\_non\_lethal

*Dataset citation:* Lindberg Bromley (2018)

*Description:*

Kidnapping or forcible detainment (abduction, hostage-taking) of members of a third party, for a duration of at least 24 hours, regardless of hostage demands or the like (number of individuals kidnapped/detained, best estimate).<sup>23</sup> If the member of a third party is held for less than 24 hours and killed, the incident is coded only as a third party fatality. If the member of a third party actor is held for 24 hours or more, and subsequently killed, the incident is coded both as a kidnapping and as a third party fatality. Forcible detainments can be effectuated with the use of force, or the threat thereof. Individuals are usually but need not be physically detained in a specific location to be recorded in the dataset – in a small number of cases peacekeepers were clearly prevented from leaving and in a manner that meets other established criteria. However, simply being denied access does not constitute a forcible detainment, as long as third party actors are free to backtrack or leave. Note that incarceration by a state actor does not qualify for coding in this variable, in line with regular UCDP definitions (concerning extrajudicial killings). Note also that a kidnapping is coded as a “one-day-event”, meaning that we do not use event start- and end-dates to mark the total duration of captivity/forcible detainment, even in cases where such information is provided in reporting. The start- and end-date are rather both listed as the date that the individual was taken hostage, reflecting our focus on the act of abduction.

### 2.16.7.2 Split (split)

*Long tag:* ucdp\_par\_split

*Original tag:* split

*Dataset citation:* Lindberg Bromley (2018)

*Description:*

Variable denoting whether or not the violence-outcome estimates provided in the event have been artificially split between events (assigned based on event-location).

0 = no

1 = yes

## 2.17 UCDP Peace Agreement Dataset Version 22.1

*Dataset tag:* ucdp\_peace

**Output Unit:** UCDP Peace agreement ID, i.e., data is collected per peace agreement. The unit is identified through the column `paid`. Additional units for Demscore: Peace Agreement per country/dyad/year.

**Description:** The Peace Agreement dataset, that covers peace agreements signed between at least two opposing primary warring parties in an armed conflict 1975-2021.

**Dataset citation:**

Davies, Shawn, Therese Pettersson Magnus Öberg (2022). Organized violence 1989-2021 and drone warfare. *Journal of Peace Research* 59(4).

***Link to original codebook***

<https://ucdp.uu.se/downloads/peace/ucdp-codebook-peace-agreements-221.pdf>

***License:*** UCDP offers a web-based system for visualising, handling and downloading data, including ready-made datasets on organized violence and peacemaking. All UCDP data are free of charge.

More detailed information on the dataset can be found at the following web page:  
<https://ucdp.uu.se/downloads/index.html>

**2.17.1 Identifier Variables**

These variables identify the conflicting parties using the UCDP ID system for conflicts, actors and dyads.

**2.17.1.1 ID of Peace Agreement (*paid*)**

*Long tag:* ucdp\_peace\_paid

*Original tag:* paid

*Dataset citation:* Davies et al. (2024)

*Description:*

The unique identifier for each peace agreement.

**2.17.1.2 Conflict ID (*conflict\_id*)**

*Long tag:* ucdp\_peace\_conflict\_id

*Original tag:* conflict\_id

*Dataset citation:* Davies et al. (2024)

*Description:*

Unique conflict identifiers for each individual conflicts related to the dyads signing the peace agreement. For definition of conflict see appendix 1, same in all UCDP datasets.

**2.17.1.3 Name of Conflict (*conflict\_name*)**

*Long tag:* ucdp\_peace\_conflict\_name

*Original tag:* conflict\_name

*Dataset citation:* Davies et al. (2024)

*Description:*

Name of the UCDP conflicts related to the dyads signing the peace agreement.

**2.17.1.4 Dyad ID (*dyad\_id*)**

*Long tag:* ucdp\_peace\_dyad\_id

*Original tag:* dyad\_id

*Dataset citation:* Davies et al. (2024)

*Description:*

Unique dyad identifiers for all dyads part of the peace agreement, same in all UCDP datasets.

**2.17.1.5 Name of Dyad (*dyad\_name*)**

*Long tag:* ucdp\_peace\_dyad\_name

*Original tag:* dyad\_name

*Dataset citation:* Davies et al. (2024)

*Description:*

Name of the conflict dyad creating the event.

A dyad is the pair of two actors engaged in violence (in the case of one-sided violence, the perpetrator of violence and civilians).

#### **2.17.1.6 Actor ID (actor\_id)**

*Long tag:* ucdp\_peace\_actor\_id

*Original tag:* actor\_id

*Dataset citation:* Davies et al. (2024)

*Description:*

Unique actor identifiers of all actors, warring parties and IGOs, signing the peace agreement, same in all UCDP datasets.

#### **2.17.1.7 Name of Actor (actor\_name)**

*Long tag:* ucdp\_peace\_actor\_name

*Original tag:* actor\_name

*Dataset citation:* Davies et al. (2024)

*Description:*

The name of all actors, warring parties and IGOs, signing the peace agreement.

#### **2.17.1.8 Name of Peace Agreement (pa\_name)**

*Long tag:* ucdp\_peace\_pa\_name

*Original tag:* pa\_name

*Dataset citation:* Davies et al. (2024)

*Description:*

The official name or the name whereby it is known, if there is no official name, the peace agreement is given a temporary name consisting of the place of signature and agreement.

### **2.17.2 Geographical Information**

These variables provide information on where the conflict takes place.

#### **2.17.2.1 Region (region)**

*Long tag:* ucdp\_peace\_region

*Original tag:* region

*Dataset citation:* Davies et al. (2024)

*Description:*

The regional variable specifies the regional location of the conflict:

1. Europe: Geographic definition, including the states in the Caucasus. (COW numbers 200–395)
2. Middle East: Egypt, Iran, Iraq, Israel, Jordan, Kuwait, Lebanon, Syria, Turkey, and the states of the Arabian Peninsula (COW numbers 630–698)
3. Asia: Geographic definition, including Oceania, Australia, and New Zealand, and excluding states in the Middle East. (COW numbers 700–990)
4. Africa: Geographic definition, excluding states in the Middle East (eg. Egypt). (COW numbers 400–625)
5. Americas: Geographic definition, including states in the Caribbean. (COW numbers 2–165)

#### **2.17.2.2 GW IDs of All Countries Forming Conflict Incompatibility (gwno)**

*Long tag:* ucdp\_peace\_gwno

*Original tag:* gwno

*Dataset citation:* Davies et al. (2024)

*Description:*

GW numeric country codes of all locations of the conflict incompatibility

### 2.17.3 Incompatibility

These variables indicate the cause(s) of the conflict, i.e. the stated (in writing or verbally) generally incompatible positions.

#### 2.17.3.1 Incompatibility (incompatibility)

*Long tag:* ucdp\_peace\_incompatibility

*Original tag:* incompatibility

*Dataset citation:* Davies et al. (2024)

*Description:*

A general coding of the conflict issue.

Values:

1. Territory
2. Government
3. Government/Territory

For definition see appendix 1 of the UCDP Peace Agreements Dataset Codebook available here: <https://ucdp.uu.se/downloads/index.html#peaceagreement>

### 2.17.4 Content of the Peace Agreement

Variables in this section give information on the content included in the peace agreement.

#### 2.17.4.1 Year of Peace Agreement (year)

*Long tag:* ucdp\_peace\_year

*Original tag:* year

*Dataset citation:* Davies et al. (2024)

*Description:*

Year the peace agreement was concluded.

#### 2.17.4.2 Date of Peace Agreement (pa\_date)

*Long tag:* ucdp\_peace\_pa\_date

*Original tag:* pa\_date

*Dataset citation:* Davies et al. (2024)

*Description:*

The date of the last signature of the peace agreement.

#### 2.17.4.3 Additional Information on Peace Agreement (pa\_comment)

*Long tag:* ucdp\_peace\_pa\_comment

*Original tag:* pa\_comment

*Dataset citation:* Davies et al. (2024)

*Description:*

The comment include information on the type of agreement, some general information about the agreement, how the behavior of the parties was regulated, how the incompatibility was regulated and last if the agreement included other provisions than the above stated.

#### 2.17.4.4 Peace Agreement Being Ended (ended)

*Long tag:* ucdp\_peace\_ended

*Original tag:* ended

*Dataset citation:* Davies et al. (2024)



*Description:*

Did the peace agreement end, i.e. did the implementation fail? The peace agreement is no longer considered fully implemented if the validity of the agreement is contested by one or more of the warring parties that signed. A peace agreement cannot, from the UCDP perspective, survive if the primary parties are no longer party to it. If a party officially withdraws from a peace agreement, it is considered to have ended.

1. Yes
0. No

**2.17.4.5 End Date of Peace Agreement (duration)**

*Long tag:* ucdp\_peace\_duration

*Original tag:* duration

*Dataset citation:* Davies et al. (2024)

*Description:*

Date when peace agreement ended. For how long did the peace agreement last? The date when a party states the agreement is annulled or the date when the violence clearly shows that the parties have left the agreement?

**2.17.4.6 Comment on Agreement Duration (c\_duration)**

*Long tag:* ucdp\_peace\_c\_duration

*Original tag:* c\_duration

*Dataset citation:* Davies et al. (2024)

*Description:*

Comment how and why the agreement ended, e.g. what party started using violence again and/or verbally denounced the validity of the agreement. This field sometimes include information on the implementation of an ongoing agreement.

**2.17.4.7 Peace Agreement Including Provisions for Ceasefire (cease)**

*Long tag:* ucdp\_peace\_cease

*Original tag:* cease

*Dataset citation:* Davies et al. (2024)

*Description:*

1. The agreement included provisions for a ceasefire or the cessation on hostilities
0. The agreement did not include provisions for a ceasefire.

**2.17.4.8 Peace Agreement Providing Integration in Army (intarmy)**

*Long tag:* ucdp\_peace\_intarmy

*Original tag:* intarmy

*Dataset citation:* Davies et al. (2024)

*Description:*

1. The agreement provided for the creation of a new national army or the integration of rebels into the army.
0. The agreement did not provide for rebel integration into the army.

**2.17.4.9 Peace Agreement Including Provisions for Disarmament (ddr)**

*Long tag:* ucdp\_peace\_ddr

*Original tag:* ddr

*Dataset citation:* Davies et al. (2024)

*Description:*

1. The agreement included provisions for the disarmament of the warring parties. Coded as

- yes even if the disarmament only concern one of the warring parties.  
0. The agreement did not provide for any disarmament of the warring parties.

#### **2.17.4.10 Peace Agreement Providing Withdrawal of Foreign Forces (withd)**

*Long tag:* ucdp\_peace\_withd

*Original tag:* withd

*Dataset citation:* Davies et al. (2024)

*Description:*

1. The agreement provided for the withdrawal of foreign forces. Foreign forces are counted both if they have been secondary warring parties in the conflict and other foreign combatants such as mercenaries.
0. The agreement did not provide for the withdrawal of foreign forces.

#### **2.17.4.11 Peace Agreement Providing Regulation of Violent Behavior (mil\_prov)**

*Long tag:* ucdp\_peace\_mil\_prov

*Original tag:* mil\_prov

*Dataset citation:* Davies et al. (2024)

*Description:*

1. Any of cease, inarmy, ddr, withd
0. The agreement did not provide for the regulation of the violent behavior of the parties.

#### **2.17.4.12 Peace Agreement Providing Right for Rebels to Transform into Political Party (pp)**

*Long tag:* ucdp\_peace\_pp

*Original tag:* pp

*Dataset citation:* Davies et al. (2024)

*Description:*

1. The agreement provided for the right for the rebel group to transform into a political party
0. The agreement did not provide for the right for the rebel group to transform into a political party

#### **2.17.4.13 Peace Agreement Providing Integration of Rebels into Government (intgov)**

*Long tag:* ucdp\_peace\_intgov

*Original tag:* intgov

*Dataset citation:* Davies et al. (2024)

*Description:*

1. The agreement provided for the integration of rebels into the government.
0. The agreement did not provide for the integration of rebels into the government.

#### **2.17.4.14 Peace Agreement Providing Integration of Rebels into Civil Service (intciv)**

*Long tag:* ucdp\_peace\_intciv

*Original tag:* intciv

*Dataset citation:* Davies et al. (2024)

*Description:*

1. The agreement provided for the integration of rebels into civil service.
0. The agreement did not provide for the integration of rebels into civil service.

#### **2.17.4.15 Peace Agreement Providing Elections or Electoral Reforms (elections)**

*Long tag:* ucdp\_peace\_elections

*Original tag:* elections

*Dataset citation:* Davies et al. (2024)

*Description:*

1. The agreement provided for elections or stipulated electoral reforms.
0. The agreement did not provide for elections or electoral reforms.

#### **2.17.4.16 Peace Agreement Providing Rebel Integration into Interim Government (interim)**

*Long tag:* ucdp\_peace\_interim

*Original tag:* interrims

*Dataset citation:* Davies et al. (2024)

*Description:*

1. The agreement provided for rebel integration into the interim government.
0. The agreement did not provide for rebel integration into interim government.

#### **2.17.4.17 Peace Agreement Providing Holding of National Talks (nataalks)**

*Long tag:* ucdp\_peace\_nataalks

*Original tag:* nataalks

*Dataset citation:* Davies et al. (2024)

*Description:*

1. The agreement provided for the holding of national talks to solve incompatibility.
0. The agreement did not provide for the holding of national talks to solve incompatibility.

#### **2.17.4.18 Peace Agreement Including Provisions for Extensive Power Sharing in New Government (shagov)**

*Long tag:* ucdp\_peace\_shagov

*Original tag:* shagov

*Dataset citation:* Davies et al. (2024)

*Description:*

1. The agreement included provisions for extensive power sharing in new government.
0. The agreement did not include provisions for extensive power sharing in new government.

#### **2.17.4.19 Peace Agreement Providing Any Political Provisions (pol\_prov)**

*Long tag:* ucdp\_peace\_pol\_prov

*Original tag:* pol\_prov

*Dataset citation:* Davies et al. (2024)

*Description:*

1. Any of the political provisions
0. The agreement did not have any of the political provisions.

#### **2.17.4.20 Peace Agreement Granting Autonomy to Disputed Region (aut)**

*Long tag:* ucdp\_peace\_aut

*Original tag:* aut

*Dataset citation:* Davies et al. (2024)

*Description:*

Autonomy is defined as: “An arrangement of self- government which includes control of a specific territory, the power of primary and secondary legislation, the power of executive authority and the power of fiscal matters.”?

1. The agreement granted the disputed region autonomy.
0. The agreement did not grant the disputed region autonomy.

#### **2.17.4.21 Peace Agreement Providing Federal State Solution (fed)**

*Long tag:* ucdp\_peace\_fed

*Original tag:* fed

*Dataset citation:* Davies et al. (2024)

*Description:*

1. The agreement provided for a federal state solution.
0. The agreement did provide for a federal state.

#### **2.17.4.22 Peace Agreement Granting Independence to Disputed Region (ind)**

*Long tag:* ucdp\_peace\_ind

*Original tag:* ind

*Dataset citation:* Davies et al. (2024)

*Description:*

1. The agreement granted the disputed region independence.
0. The agreement did not grant the disputed region independence.

#### **2.17.4.23 Peace Agreement Providing for Referendum on Future Status of Disputed Region (ref)**

*Long tag:* ucdp\_peace\_ref

*Original tag:* ref

*Dataset citation:* Davies et al. (2024)

*Description:*

1. The agreement provided for the holding of a referendum on the future status of the disputed region.
0. The agreement did not provide for the holding of a referendum on the future status of the disputed region.

#### **2.17.4.24 Peace Agreement Granting Power Sharing in Local Government to Disputed Region (shaloc)**

*Long tag:* ucdp\_peace\_shaloc

*Original tag:* shaloc

*Dataset citation:* Davies et al. (2024)

*Description:*

1. The agreement granted the disputed region power sharing in the local government.
0. The agreement did not grant the disputed region power sharing in the local government.

#### **2.17.4.25 Peace Agreement Granting Disputed Region (regdev)**

*Long tag:* ucdp\_peace\_regdev

*Original tag:* regdev

*Dataset citation:* Davies et al. (2024)

*Description:*

1. The agreement granted the disputed region
0. The agreement did not grant the disputed region

#### **2.17.4.26 Peace Agreement Providing Extended Cultural Freedoms (cul)**

*Long tag:* ucdp\_peace\_cul

*Original tag:* cul

*Dataset citation:* Davies et al. (2024)

*Description:*

- Cultural freedoms Language in schools, or flag, anthem
1. The agreement provided for extended cultural freedoms.
  0. The agreement did not provide for extended cultural freedoms.

#### **2.17.4.27 Peace Agreement Providing Border Demarcation (demarcation)**

*Long tag:* ucdp\_peace\_demarcation

*Original tag:* demarcation

*Dataset citation:* Davies et al. (2024)

*Description:*

1. The agreement provided for demarcation of the border.
0. The agreement did not provide for demarcation of the border.

#### **2.17.4.28 Peace Agreement Granting Local Governance to Disputed Region (locgov)**

*Long tag:* ucdp\_peace\_locgov

*Original tag:* locgov

*Dataset citation:* Davies et al. (2024)

*Description:*

Local self-government includes arrangements for local self- government short of autonomy, or the exercise of power through municipal arrangements.

1. The agreement granted the disputed region local governance.
0. The agreement did not grant the disputed region local governance.

#### **2.17.4.29 Peace Agreement Providing Any Territorial Provisions (terr\_prov)**

*Long tag:* ucdp\_peace\_terr\_prov

*Original tag:* terr\_prov

*Dataset citation:* Davies et al. (2024)

*Description:*

1. Any of the territorial provisions
0. The agreement did not have any of the territorial provisions.

#### **2.17.4.30 Peace Agreement Providing Amnesty (amn)**

*Long tag:* ucdp\_peace\_amn

*Original tag:* amn

*Dataset citation:* Davies et al. (2024)

*Description:*

1. The agreement provided for an amnesty.
0. The agreement did not provide for amnesty.

#### **2.17.4.31 Peace Agreement Providing Release of Prisoners (pris)**

*Long tag:* ucdp\_peace\_pris

*Original tag:* pris

*Dataset citation:* Davies et al. (2024)

*Description:*

1. The agreement provided for the release of prisoners.
0. The agreement did not provide for the release of prisoners.

#### **2.17.4.32 Peace Agreement Including Concept of National Reconciliation (recon)**

*Long tag:* ucdp\_peace\_recon

*Original tag:* recon

*Dataset citation:* Davies et al. (2024)

*Description:*

1. The agreement included the concept of National Reconciliation.
0. The agreement did not include the concept of National Reconciliation.

#### **2.17.4.33 Peace Agreement Providing Return of Refugees (return)**

*Long tag:* ucdp\_peace\_return

*Original tag:* return

*Dataset citation:* Davies et al. (2024)

*Description:*

1. The agreement provided for the return of refugees.
0. The agreement did not provide for the return of refugees.

#### **2.17.4.34 Peace Agreement Providing Any Justice Provisions (justice\_prov)**

*Long tag:* ucdp\_peace\_justice\_prov

*Original tag:* justice prov

*Dataset citation:* Davies et al. (2024)

*Description:*

1. Any of the justice provisions
0. The agreement did not have any of the justice provisions.

#### **2.17.4.35 Peace Agreement Reaffirming Earlier Agreements (reaffirm)**

*Long tag:* ucdp\_peace\_reaffirm

*Original tag:* reaffirm

*Dataset citation:* Davies et al. (2024)

*Description:*

1. The agreement reaffirmed earlier agreements.
0. The agreement did not reaffirm earlier agreements.

#### **2.17.4.36 No entry (reaffirmid)**

*Long tag:* ucdp\_peace\_reaffirmid

*Original tag:* reaffirmid

*Dataset citation:* Davies et al. (2024)

*Description:*

No entry, original codebook lists reaffirm\_comment: Comment on the agreement that was reaffirmed

#### **2.17.4.37 Peace Agreement Outlining Negotiating Agenda (outlin)**

*Long tag:* ucdp\_peace\_outlin

*Original tag:* outlin

*Dataset citation:* Davies et al. (2024)

*Description:*

1. The agreement outlined a negotiating agenda including negotiations on the incompatibility.
0. The agreement did not outline a negotiating agenda including negotiations on the incompatibility

#### **2.17.4.38 Peace Agreement Providing Deployment of Peacekeeping Operation (pko)**

*Long tag:* ucdp\_peace\_pko

*Original tag:* pko

*Dataset citation:* Davies et al. (2024)

*Description:*

1. The agreement provided for the deployment of a peacekeeping operation.
0. The agreement did not provide for the deployment of a peacekeeping operation.

#### **2.17.4.39 Peace Agreement Including Provisions for Gender Inclusion (gender)**

*Long tag:* ucdp\_peace\_gender

*Original tag:* gender

*Dataset citation:* Davies et al. (2024)

*Description:*

1. The agreement included any of the below provisions, constituting inclusion of women or gender.
0. The agreement did not include any provisions on women or gender.

For the sake of this dataset, it is accepted that a given document will refer to people generally, without specifying gender, or that it will refer to men and male subjects. For this reason, specific mention of men and boys as well as male-gendered terms such as “sons, brotherhood, policemen,” etc. or the use of male pronouns are not coded. To qualify as a gender variable, a provision may include men and boys, but must include either women, female pronouns, or reference specifically to gender.

#### **2.17.4.40 Peace Agreement Providing Commission to Oversee Implementation (co\_impl)**

*Long tag:* ucdp\_peace\_co\_impl

*Original tag:* co\_impl

*Dataset citation:* Davies et al. (2024)

*Description:*

1. The agreement provided for the establishment of a commission or committee to oversee implementation of the agreement
0. The agreement did not provide for the establishment of a commission or committee to oversee implementation of the agreement

#### **2.17.4.41 Peace Agreement Being Available in Full Text (txt)**

*Long tag:* ucdp\_peace\_txt

*Original tag:* txt

*Dataset citation:* Davies et al. (2024)

*Description:*

- Was the agreement available in full text? 1. Yes  
0. No

#### **2.17.4.42 Link to Full Text of Peace Agreement (linktofulltextagreement)**

*Long tag:* ucdp\_peace\_linktofulltextagreement

*Original tag:* linktofulltextagreement

*Dataset citation:* Davies et al. (2024)

*Description:*

Link to full text of the peace agreement

#### **2.17.4.43 Peace Agreement Being Comprehensive (1) or Dyadic (2) (inclusive)**

*Long tag:* ucdp\_peace\_inclusive

*Original tag:* inclusive

*Dataset citation:* Davies et al. (2024)

*Description:*

The UCDP peace agreement dataset differentiates between comprehensive peace agreements, covering all conflict dyads and dyadic agreements where at least one of the warring parties in the conflict is excluded.

1. Comprehensive agreement
2. Dyadic agreement

#### **2.17.4.44 Type of Peace Agreement (pa\_type)**

*Long tag:* ucdp\_peace\_pa\_type

*Original tag:* pa type

*Dataset citation:* Davies et al. (2024)

*Description:*

1. A full agreement is an agreement where one or more dyad agrees to settle the whole incompatibility.
2. A partial peace agreement is an agreement where one or more dyad agrees to settle a part of the incompatibility.
3. A peace process agreement is an agreement where one or more dyad agrees to initiate a process that aims to settle the incompatibility.

#### **2.17.4.45 Outstanding Issues in Peace Agreement (out\_iss)**

*Long tag:* ucdp\_peace\_out\_iss

*Original tag:* out\_iss

*Dataset citation:* Davies et al. (2024)

*Description:*

Are there outstanding issues specified in the agreement?

0. No outstanding issue was spelled out in the agreement
1. The agreement is part of a process that will be finalized in the last agreement.
2. Outstanding issues were spelled out.
3. A central issue to the incompatibility was delegated to a commission.
4. The agreement provided for new negotiations or national talks.
5. The agreement outlined a negotiating agenda or provisions in a future peace agreement.

#### **2.17.4.46 ID of Peace Process (procid)**

*Long tag:* ucdp\_peace\_procid

*Original tag:* procID

*Dataset citation:* Davies et al. (2024)

*Description:*

A peace process is a formal process in which the warring parties either has decided to settle the incompatibility in a process in which one issue at the time is regulated by an agreement, or where agreements that builds on a previous peace agreement is signed.

#### **2.17.4.47 Timing of Peace Agreement during Peace Process (frame)**

*Long tag:* ucdp\_peace\_frame

*Original tag:* frame

*Dataset citation:* Davies et al. (2024)

*Description:*

When in the peace process was the peace agreement signed?

1. Process, the peace agreement was signed in a process and not as the final agreement in the ongoing peace process.
2. Final, the agreement was signed out side a peace process as a single agreement or signed as a final agreement ending a peace process.
3. Reaffirming/Follow up, the agreement reaffirmed a final peace agreement or was signed as a follow-up agreement to a final agreement.

#### **2.17.4.48 NoConf17 (noconf17)**

*Long tag:* ucdp\_peace\_noconf17

*Original tag:* noconf17

*Dataset citation:* Davies et al. (2024)

*Description:*

NoConf17 – explanation not available on codebook



## 2.17.5 Signatories

Variables in this section provide information on the parties signing the peace agreement.

### 2.17.5.1 Warring Parties and Persons Names who Signed Peace Agreement (pa\_sign)

*Long tag:* ucdp\_peace\_pa\_sign

*Original tag:* pa\_sign

*Dataset citation:* Davies et al. (2024)

*Description:*

The warring parties (e.g. a government) and the actual persons names (e.g. a president) who signed the agreement.

### 2.17.5.2 Comment on Peace Agreement (c\_sign)

*Long tag:* ucdp\_peace\_c\_sign

*Original tag:* c\_sign

*Dataset citation:* Davies et al. (2024)

*Description:*

The comment include where the agreement was signed, and if the agreement was signed by all warring parties (comprehensive) or only some dyads (dyadic).

### 2.17.5.3 Name of Third Parties Involved in Peace Agreement (pa\_3rd)

*Long tag:* ucdp\_peace\_pa\_3rd

*Original tag:* pa\_3rd

*Dataset citation:* Davies et al. (2024)

*Description:*

What third party/ies were involved in the peace agreement, i.e. as mediators and/or signatories. Name of the third party or parties.

### 2.17.5.4 Name of Third Parties which Signed Peace Agreement (c\_3rd)

*Long tag:* ucdp\_peace\_c\_3rd

*Original tag:* c\_3rd

*Dataset citation:* Davies et al. (2024)

*Description:*

Third party signing the agreement

## 2.17.6 Peace Process

Variables in this section provide information on the peace process in relation to the peace agreement.

### 2.17.6.1 Signed in a Conflict Active Year (active\_conflict)

*Long tag:* ucdp\_peace\_active\_conflict

*Original tag:* active\_conflict

*Dataset citation:* Davies et al. (2024)

*Description:*

The peace agreement was signed in an active conflict year i.e. in a year with more than 25 battle-related deaths recorded by the UCDP.

1. Yes
0. No

### 2.17.6.2 Number of Inactive Years Between End of Conflict and Peace Agreement (termdur)

*Long tag:* ucdp\_peace\_termdur

*Original tag:* termdur

*Dataset citation:* Davies et al. (2024)

*Description:*

The number of inactive years between end of conflict and signature of the peace agreement.

### **2.17.6.3 Number of Dyads Active in UCDP that Signed Peace Agreement (no\_dyad)**

*Long tag:* ucdp\_peace\_no\_dyad

*Original tag:* no dyad

*Dataset citation:* Davies et al. (2024)

*Description:*

Number of conflict dyads active in the Uppsala Conflict Database that signed the peace agreement.

### **2.17.7 Dataset Version**

Version of the dataset.

#### **2.17.7.1 Dataset Version (version)**

*Long tag:* ucdp\_peace\_version

*Original tag:* version

*Dataset citation:* Davies et al. (2024)

*Description:*

The version number is a combination of a year and a number. The year refers to when the dataset is updated with new observations. If there are changes in the data between yearly up-dates, or if there are substantial changes in the structure of the dataset, the number behind the year is incremented. This dataset corresponds to all other UCDP datasets with version 22.1

#### **2.17.7.2 Start Date for UCDP Peace Agreement Dataset (dateintervalstart\_meta)**

*Long tag:* ucdp\_peace\_dateintervalstart\_meta

*Original tag:* dateintervalstart meta

*Dataset citation:* Davies et al. (2024)

*Description:*

1975-01-01

#### **2.17.7.3 End Date for UCDP Peace Agreement Dataset (dateintervalend\_meta)**

*Long tag:* ucdp\_peace\_dateintervalend\_meta

*Original tag:* dateintervalend meta

*Dataset citation:* Davies et al. (2024)

*Description:*

2021-12-31

## **2.18 UCDP/PRIO Armed Conflict Dataset Version 24.1**

***Dataset tag:*** ucdp\_prio\_acd

***Output Unit:*** UCDP Conflict-Year, i.e., data is collected per conflict and year. That means each row in the dataset can be uniquely identified using a combination of the columns conflict\_id and year.

**Description:** A conflict-year dataset with information on armed conflict where at least one party is the government of a state in the time period 1946-2023.

**Dataset citation:**

Davies, Shawn, Garoun Engström, Therese Pettersson Magnus Öberg (2024). Organized violence 1989-2023, and the prevalence of organized crime groups. *Journal of Peace Research* 61(4).

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).

**Link to original codebook**

<https://ucdp.uu.se/downloads/ucdpprio/ucdp-prio-acd-241.pdf>

**License:** UCDP offers a web-based system for visualising, handling and downloading data, including ready-made datasets on organized violence and peacemaking. All UCDP data are free of charge.

More detailed information on the dataset can be found at the following web page:  
<https://ucdp.uu.se/downloads/index.html>

### 2.18.1 Identifier Variables

Variables in this section can be used as a unique key for the dataset.

#### 2.18.1.1 Conflict ID (`conflict_id`)

*Long tag:* `ucdp_prio_acd_conflict_id`

*Original tag:* `conflict_id`

*Dataset citation:* Gleditsch et al. (2002), Davies et al. (2024)

*Description:*

The unique identifier of the conflict.

#### 2.18.1.2 Year (`year`)

*Long tag:* `ucdp_prio_acd_year`

*Original tag:* `year`

*Dataset citation:* Gleditsch et al. (2002), Davies et al. (2024)

*Description:*

The year of observation (1946-2022).

### 2.18.2 Conflict Location

Variables in this section describe the location of the conflict/event.

#### 2.18.2.1 Countries Having a Primary Claim to Incompatibility (`location`)

*Long tag:* `ucdp_prio_acd_location`

*Original tag:* `location`

*Dataset citation:* Gleditsch et al. (2002), Davies et al. (2024)

*Description:*

The name of the country/countries whose government(s) has a primary claim to the incompatibility, Note that this is not necessarily the geographical location of the conflict. Further information on how location is interpreted can be found below, in section 4.1. If multiple countries are listed, this is comma separated.

#### 2.18.2.2 Name of Territory Concerning Territory Incompatibility (`territory_name`)

*Long tag:* `ucdp_prio_acd_territory_name`

*Original tag:* territory\_name

*Dataset citation:* Gleditsch et al. (2002), Davies et al. (2024)

*Description:*

The name of the territory over which the conflict is fought, provided that the incompatibility is over territory.

In case the two sides use different names for the disputed territory, the name listed is the one used by the opposition organisation. One reason for this is that this is most often the name that the general public recognises. Another reason is that there are cases where the disputed territories do not have an official name.

### 2.18.2.3 GW IDs of Countries Having a Primary Claim to Incompatibility (gwno\_loc)

*Long tag:* ucdp\_prio\_acd\_gwno\_loc

*Original tag:* gwno\_loc

*Dataset citation:* Gleditsch et al. (2002), Davies et al. (2024)

*Description:*

The Gleditsch and Ward country codes of the incompatibility.  
Comma separated if multiple.

### 2.18.2.4 Region (region)

*Long tag:* ucdp\_prio\_acd\_region

*Original tag:* region

*Dataset citation:* Gleditsch et al. (2002), Davies et al. (2024)

*Description:*

The region of the incompatibility:  
1 = Europe (GWNo: 200-399)  
2 = Middle East (GWNo: 630-699)  
3 = Asia (GWNo: 700-999)  
4 = Africa (GWNo: 400-626)  
5 = Americas (GWNo: 2-199).

## 2.18.3 Conflict Parties

This section provides variables that allow for linkages between the UCDP PRIO ACD and all other UCDP datasets. This section also provides with variables to allow you to aggregate/filter/extract data on conflict, dyad or actor.

### 2.18.3.1 Name of Side A (side\_a)

*Long tag:* ucdp\_prio\_acd\_side\_a

*Original tag:* side\_a

*Dataset citation:* Gleditsch et al. (2002), Davies et al. (2024)

*Description:*

The name of the country/countries of Side A in a conflict.

Always the government side in intrastate conflicts. Note that this is a primary party to the conflict.

### 2.18.3.2 Actor ID of Side A (side\_a\_id)

*Long tag:* ucdp\_prio\_acd\_side\_a\_id

*Original tag:* side\_a\_id

*Dataset citation:* Gleditsch et al. (2002), Davies et al. (2024)

*Description:*

The unique identifier of the actor on side A.

Note that in contrast with older versions of UCDP

datasets, this variable is NO LONGER the Gleditsch and Ward state identifier (GWcode or GWNo). Use the gwno\_a variable instead.

### **2.18.3.3 Secondary Warring Parties on Side A (side\_a\_2nd)**

*Long tag:* ucdp\_prio\_acd\_side\_a\_2nd

*Original tag:* side\_a\_2nd

*Dataset citation:* Gleditsch et al. (2002), Davies et al. (2024)

*Description:*

side\_a\_2nd lists all states that enter a conflict with troops to actively support side A. By definition, only independent states can be a secondary party in conflict.

A secondary warring party on side A shares the position in the incompatibility with Side A in the conflict.

side\_a\_2nd does not need to meet the 25 battle-related deaths criterion to be included in the dataset; an active troop participation is enough.

Comma separated if multiple.

### **2.18.3.4 Name of Side B (side\_b)**

*Long tag:* ucdp\_prio\_acd\_side\_b

*Original tag:* side\_b

*Dataset citation:* Gleditsch et al. (2002), Davies et al. (2024)

*Description:*

Identifying the opposition actor or country/countries of side B in the conflict. In an intrastate conflict, this includes a military opposition organization. Note that this is a primary party to the conflict.

Comma separated if multiple.

### **2.18.3.5 Actor ID of Side B (side\_b\_id)**

*Long tag:* ucdp\_prio\_acd\_side\_b\_id

*Original tag:* side\_b\_id

*Dataset citation:* Gleditsch et al. (2002), Davies et al. (2024)

*Description:*

The identifier of each of the actors on side B in the conflict.

Note that in contrast with older versions of UCDP

datasets, this variable is NO LONGER the Gleditsch and

Ward state identifier (GWcode or GWNo) if the conflict is interstate and Side B represents a country. Use the gwno\_b variable instead.

If more than one opposition organization or state is involved in a conflict, this is a comma-separated list of values.

### **2.18.3.6 Secondary Warring Parties on Side B (side\_b\_2nd)**

*Long tag:* ucdp\_prio\_acd\_side\_b\_2nd

*Original tag:* side\_b\_2nd

*Dataset citation:* Gleditsch et al. (2002), Davies et al. (2024)

*Description:*

side\_b\_2nd lists all states that enter a conflict with troops to actively support side B. By definition, only independent states can be a secondary party in conflict.

A secondary warring party on side B shares the position in the incompatibility with Side B in the conflict.

Side\_b\_2nd does not need to meet the 25 battle-related deaths criterion to be included in

the dataset; an active troop participation is enough. Note that when there is more than one opposition organization listed in an intrastate conflict, the dataset does not provide information on which of these groups the state coded as Side B Secondary is supporting. Comma separated if multiple.

#### **2.18.3.7 Country GW ID for Side A (gwno\_a)**

*Long tag:* ucdp\_prio\_acd\_gwno\_a

*Original tag:* gwno\_a

*Dataset citation:* Gleditsch et al. (2002), Davies et al. (2024)

*Description:*

The Gleditsch and Ward country codes of side\_a.  
Comma separated if multiple.

#### **2.18.3.8 Country GW ID for Secondary Warring Parties on Side B (gwno\_a\_2nd)**

*Long tag:* ucdp\_prio\_acd\_gwno\_a\_2nd

*Original tag:* gwno\_a\_2nd

*Dataset citation:* Gleditsch et al. (2002), Davies et al. (2024)

*Description:*

The Gleditsch and Ward country codes of side\_a\_2nd.  
Comma separated if multiple.

#### **2.18.3.9 Country GW ID for Side B (gwno\_b)**

*Long tag:* ucdp\_prio\_acd\_gwno\_b

*Original tag:* gwno\_b

*Dataset citation:* Gleditsch et al. (2002), Davies et al. (2024)

*Description:*

The Gleditsch and Ward country codes of side\_b.  
Comma separated if multiple.

#### **2.18.3.10 Country GW ID for Secondary Warring Parties on Side B (gwno\_b\_2nd)**

*Long tag:* ucdp\_prio\_acd\_gwno\_b\_2nd

*Original tag:* gwno\_b\_2nd

*Dataset citation:* Gleditsch et al. (2002), Davies et al. (2024)

*Description:*

The Gleditsch and Ward country codes of side\_b\_2nd.  
Comma separated if multiple.

### **2.18.4 Incompatibility**

These variables indicate the cause(s) of the conflict, i.e. the stated (in writing or verbally) generally incompatible positions.

#### **2.18.4.1 Incompatibility (incompatibility)**

*Long tag:* ucdp\_prio\_acd\_incompatibility

*Original tag:* incompatibility

*Dataset citation:* Gleditsch et al. (2002), Davies et al. (2024)

*Description:*

The main conflict issue identified per the UCDP definitions:  
1= Incompatibility about territory  
2= Incompatibility about government  
3= Incompatibility about government AND territory

#### 2.18.4.2 Intensity Level (*intensity\_level*)

*Long tag:* ucdp\_prio\_acd\_intensity\_level

*Original tag:* intensity\_level

*Dataset citation:* Gleditsch et al. (2002), Davies et al. (2024)

*Description:*

The intensity level in the conflict per calendar year. The intensity variable is coded in two categories:

1. Minor: between 25 and 999 battle-related deaths in a given year.
2. War: at least 1,000 battle-related deaths in a given year.

#### 2.18.4.3 Conflict Causing Over 1000 Fatalities since Onset (*cumulative\_intensity*)

*Long tag:* ucdp\_prio\_acd\_cumulative\_intensity

*Original tag:* cumulative\_intensity

*Dataset citation:* Gleditsch et al. (2002), Davies et al. (2024)

*Description:*

This variable takes into account the temporal dimension of the conflict. It is a dummy variable that codes whether the conflict since the onset has exceeded 1,000 battle-related deaths. For conflicts with a history prior to 1946, it does not take into account the fatalities incurred in preceding years. A conflict is coded as 0 as long as it has not over time resulted in more than 1,000 battle-related deaths. Once a conflict reaches this threshold, it is coded as 1.

#### 2.18.4.4 Type of Conflict (*type\_of\_conflict*)

*Long tag:* ucdp\_prio\_acd\_type\_of\_conflict

*Original tag:* type\_of\_conflict

*Dataset citation:* Gleditsch et al. (2002), Davies et al. (2024)

*Description:*

One of the following four types of conflict:

1 = extrasystemic (between a state and a non-state group outside its own territory, where the government side is fighting to retain control of a territory outside the state system)

2 = interstate (both sides are states in the Gleditsch and Ward membership system).

3 = intrastate (side A is always a government; side B is always one or more rebel groups; there is no involvement of foreign governments with troops, i.e. there is no side\_a\_2nd or side\_b\_2nd coded)

4 = internationalized intrastate (side A is always a government; side B is always one or more rebel groups; there is involvement of foreign governments with troops, i.e. there is at least ONE side\_a\_2nd or side\_b\_2nd coded)

#### 2.18.5 Timely Dimension of the Conflict

These variables provide information on the timely dimension of the conflict.

##### 2.18.5.1 Date of First Battle-related Death in Conflict (*start\_date*)

*Long tag:* ucdp\_prio\_acd\_start\_date

*Original tag:* start\_date

*Dataset citation:* Gleditsch et al. (2002), Davies et al. (2024)

*Description:*

The date, as precise as possible, of the first battle-related death in the conflict.

The date is set after the conflict fulfills all criteria required in the definition of an armed conflict, except for the number of deaths.

#### **2.18.5.2 Temporal Precision of Date of First Battle-Related Death in Conflict (start\_prec)**

*Long tag:* ucdp\_prio\_acd\_start\_prec

*Original tag:* start\_prec

*Dataset citation:* Gleditsch et al. (2002), Davies et al. (2024)

*Description:*

The level of precision for the initial start date.

The values are explained in section 4.3

#### **2.18.5.3 Date of Fatalities Exceeding 25 in Conflict (start\_date2)**

*Long tag:* ucdp\_prio\_acd\_start\_date2

*Original tag:* start\_date2

*Dataset citation:* Gleditsch et al. (2002), Davies et al. (2024)

*Description:*

The date, as precise as possible, when a given episode of conflict activity reached 25 battle-related deaths in a year. Thus, for each episode of a conflict, a new Startdate2 is coded. In case precise information is lacking, Startdate2 is by default set to 31 December.

An episode is defined as continuous conflict activity. Consequently, a new episode is coded whenever a conflict restarts after one or more year(s) of inactivity.

#### **2.18.5.4 Temporal Precision of Date of Fatalities Exceeding 25 in Conflict (start\_prec2)**

*Long tag:* ucdp\_prio\_acd\_start\_prec2

*Original tag:* start\_prec2

*Dataset citation:* Gleditsch et al. (2002), Davies et al. (2024)

*Description:*

The level of precision for startdate2.

The values are explained in section 4.3

#### **2.18.5.5 Conflict Being Inactive Following Year (ep\_end)**

*Long tag:* ucdp\_prio\_acd\_ep\_end

*Original tag:* ep\_end

*Dataset citation:* Gleditsch et al. (2002), Davies et al. (2024)

*Description:*

A dummy variable that codes whether the conflict is inactive the following year and an episode of the conflict thus ends. If the conflict is inactive the following year(s), this variable is coded as 1. If not, a 0 is coded. For the latest year in the dataset, it is unknown whether the conflict will be recorded as active or inactive in the following year, and the variable is always given the code 0.

#### **2.18.5.6 Date of Conflict Being Inactive (ep\_end\_date)**

*Long tag:* ucdp\_prio\_acd\_ep\_end\_date

*Original tag:* ep\_end\_date

*Dataset citation:* Gleditsch et al. (2002), Davies et al. (2024)

*Description:*

This variable is only coded in years where ep\_end has the value 1. If a conflict year is followed by at least one year of conflict inactivity, the ep\_end\_date variable lists, as precise as possible, the date when conflict activity ended.

#### **2.18.5.7 Temporal Precision of Date of Conflict Being Inactive (ep\_end\_prec)**

*Long tag:* ucdp\_prio\_acd\_ep\_end\_prec

*Original tag:* ep\_end\_prec



*Dataset citation:* Gleditsch et al. (2002), Davies et al. (2024)

*Description:*

The level of precision for episode end.  
The values are explained in section 4.4

## 2.18.6 Dataset Version

The version of the dataset.

### 2.18.6.1 Dataset Version (version)

*Long tag:* ucdp\_prio\_acd\_version

*Original tag:* version

*Dataset citation:* Gleditsch et al. (2002), Davies et al. (2024)

*Description:*

The version of the dataset: 24.1

## 2.19 UCDP Conflict Termination Dataset, Conflict Level Version 3-2021

*Dataset tag:* ucdp\_term\_conflict

**Output Unit:** UCDP Conflict-Year, i.e., data is collected per conflict and year. This means each row in the dataset is identified by a combination of `conflictep_id` and year. Another unit of this dataset is a conflict and year, as each row can also be identified through a combination of `conflict_id` and year.

**Description:** This dataset provides information on specific start- and end- dates for conflict activity and means of termination for each conflict episode. The data is available as a conflict-level dataset which corresponds with the UCDP/PRIO Armed Conflict Dataset v 21.1, and a dyad-level dataset which corresponds with the UCDP Dyadic Dataset v. 21.1.

**Dataset citation:**

Kreutz, Joakim (2010) How and When Armed Conflicts End: Introducing the UCDP Conflict Termination Dataset. *Journal of Peace Research*, 47(2).

**Link to original codebook**

[https://ucdp.uu.se/downloads/monadterm/Conflict\\_termination\\_codebook\\_3-2021.pdf](https://ucdp.uu.se/downloads/monadterm/Conflict_termination_codebook_3-2021.pdf)

**License:** UCDP offers a web-based system for visualising, handling and downloading data, including ready-made datasets on organized violence and peacemaking. All UCDP data are free of charge.

More detailed information on the dataset can be found at the following web page:  
<https://ucdp.uu.se/downloads/index.html>

### 2.19.1 Identifiers

Variables in this section identify rows in the dataset.

#### 2.19.1.1 ID of Conflict Episode (`conflictep_id`)

*Long tag:* ucdp\_term\_conflict\_conflictep\_id

*Original tag:* `conflictep_id`

*Dataset citation:* Kreutz (2010)

*Description:*

The unique identifier for each conflict episode. Constructed as the combination of the conflict id and `conflictepisode` variables.

**2.19.1.2 Number of Conflict Episodes (conflictepisode)***Long tag:* ucdp\_term\_conflict\_conflictepisode*Original tag:* conflictepisode*Dataset citation:* Kreutz (2010)*Description:*

A count of the number of episodes have been observed for this conflict.

**2.19.2 Incompatibility**

These variables indicate the cause(s) of the conflict, i.e. the stated (in writing or verbally) generally incompatible positions.

**2.19.2.1 Type of Conflict – Type 2 (type\_of\_conflict2)***Long tag:* ucdp\_term\_conflict\_type\_of\_conflict2*Original tag:* type\_of\_conflict2*Dataset citation:* Kreutz (2010)*Description:*

The same conflict episode, or dyadic conflict episode, may include both years where neither side receive secondary support and years when they do. Type 2 thus combine the categories of internal armed conflict and internationalized armed conflict described above.

1. Extrasystemic armed conflict.
2. Interstate armed conflict.
3. Intrastate armed conflict.

**2.19.2.2 Conflict Termination (confterm)***Long tag:* ucdp\_term\_conflict\_confterm*Original tag:* confterm*Dataset citation:* Kreutz (2010)*Description:*

Confterm is a dummy variable that codes whether the conflict is inactive the following year and an episode of the conflict thus ends. If the conflict is inactive the following year(s), this variable is coded as 1. If not, a 0 is coded.

**2.19.2.3 Outcome at Final Year of Active Conflict (outcome)***Long tag:* ucdp\_term\_conflict\_outcome*Original tag:* outcome*Dataset citation:* Kreutz (2010)*Description:*

The coding of outcomes are based on the final year of activity and first year of non-activity. While the dataset include some information (i.e. ceasefires and peace agreements) outside this window, it does not follow warring party development beyond this time period.

- 1= Peace agreement
- 2= Ceasefire
- 3= Victory for Side A /Government Side 4= Victory for Side B /Rebel Side
- 5= Low activity (less than 25 battle-deaths) 6= Actor ceases to exist

**2.19.2.4 Recurrence of Conflict (recur)***Long tag:* ucdp\_term\_conflict\_recur*Original tag:* recur*Dataset citation:* Kreutz (2010)

*Description:*

A dichotomous measure that this observation is a recurrence of a conflict which have experienced an spell of non-conflict.

**2.19.2.5 Incompatibility (incompatibility)**

*Long tag:* ucdp\_term\_conflict\_incompatibility

*Original tag:* incompatibility

*Dataset citation:* Kreutz (2010)

*Description:*

The incompatibility for the conflict, taken from the UCDP/PRIO Armed Conflict Dataset. The stated incompatibility is what the parties claim to be fighting over.

1= Territory

2= Government

3= Government and Territory

**2.19.2.6 Intensity Level (intensity\_level)**

*Long tag:* ucdp\_term\_conflict\_intensity\_level

*Original tag:* intensity\_level

*Dataset citation:* Kreutz (2010)

*Description:*

The intensity variable is coded in two categories:

1. Minor: between 25 and 999 battle-related deaths in a given year.
2. War: at least 1,000 battle-related deaths in a given year.

**2.19.2.7 Type of Conflict – Type 1 (type\_of\_conflict)**

*Long tag:* ucdp\_term\_conflict\_type\_of\_conflict

*Original tag:* type\_of\_conflict

*Dataset citation:* Kreutz (2010)

*Description:*

UCDP define four types of conflict:

1. Extrasystemic armed conflict occurs between a state and a non-state group outside its own territory. (In the COW project, extrasystemic war is subdivided into colonial war and imperial war, but this distinction is not used here.) These conflicts are by definition territorial, since the government side is fighting to retain control of a territory outside the state system.
2. Interstate armed conflict occurs between two or more states.
3. Internal armed conflict occurs between the government of a state and one or more internal opposition group(s) without intervention from other states.
4. Internationalized internal armed conflict occurs between the government of a state and one or more internal opposition group(s) with intervention from other states (secondary parties) on one or both sides.

**2.19.3 Actors and Identifiers**

These variables identify the conflicting parties using the UCDP ID system for conflicts, actors and dyads.

**2.19.3.1 Number of Dyads Active in Conflict (dyadcount)**

*Long tag:* ucdp\_term\_conflict\_dyadcount

*Original tag:* dyadcount

*Dataset citation:* Kreutz (2010)

*Description:*

This variable provide information about how many different dyads are active in the conflict this year.

**2.19.3.2 Conflict ID (conflict\_id)**

*Long tag:* ucdp\_term\_conflict\_conflict\_id

*Original tag:* conflict\_id

*Dataset citation:* Kreutz (2010)

*Description:*

The unique conflict ID, taken from the UCDP/PRIO Armed Conflict Dataset.

**2.19.3.3 Name of Side A (side\_a)**

*Long tag:* ucdp\_term\_conflict\_side\_a

*Original tag:* side\_a

*Dataset citation:* Kreutz (2010)

*Description:*

The first primary party to the conflict, taken from the UCDP/PRIO Armed Conflict Dataset. Side A is by definition always a primary party to the conflict. In internal conflicts, side A is always the government side, it is one of the sides in interstate conflicts and the colonial state in extrastate conflicts.

**2.19.3.4 Actor ID of Side A (side\_a\_id)**

*Long tag:* ucdp\_term\_conflict\_side\_a\_id

*Original tag:* side\_a\_id

*Dataset citation:* Kreutz (2010)

*Description:*

ID for Side A

**2.19.3.5 Secondary Warring Parties on Side A (side\_a\_2nd)**

*Long tag:* ucdp\_term\_conflict\_side\_a\_2nd

*Original tag:* side\_a\_2nd

*Dataset citation:* Kreutz (2010)

*Description:*

The state which contribute with troops to actively support Side A in the conflict.

**2.19.3.6 Name of Side B (side\_b)**

*Long tag:* ucdp\_term\_conflict\_side\_b

*Original tag:* side\_b

*Dataset citation:* Kreutz (2010)

*Description:*

The second primary party to the conflict during the conflict episode, taken from the UCDP/PRIO Armed Conflict Dataset. Like Side A, Side B is by definition a primary party to the conflict. Side B is the opposition side of all internal and extrastate conflicts and the second side in an interstate conflict. Thus, side B can include both states and non-governmental opposition groups, depending on the type of conflict.

When the primary party listed on Side B is an opposition group, the column lists the group name in abbreviated form. Even if the group changes its name during the course of the conflict we record them under the same name for all years. See the UCDP Actor Dataset for the full name and name history of opposition groups.

**2.19.3.7 Actor ID of Side B (side\_b\_id)**

*Long tag:* ucdp\_term\_conflict\_side\_b\_id

*Original tag:* side\_b\_id

*Dataset citation:* Kreutz (2010)

*Description:*

Side B ID is the unique identifier of the actor on side B in the conflict. For government actors, the Gleditsch and Ward (2007) country codes are used. For non-state actors, the ID is taken from the UCDP Actor Dataset (UCDP 2015a).

### **2.19.3.8 Secondary Warring Parties on Side B (side\_b\_2nd)**

*Long tag:* ucdp\_term\_conflict\_side\_b\_2nd

*Original tag:* side\_b\_2nd

*Dataset citation:* Kreutz (2010)

*Description:*

The state which contribute with troops to actively support Side B in the conflict.

## **2.19.4 Timely Dimension**

These variables provide information on when the conflict takes place.

### **2.19.4.1 Date of Conflict Being Inactive (ependdate)**

*Long tag:* ucdp\_term\_conflict\_ependdate

*Original tag:* enddate

*Dataset citation:* Kreutz (2010)

*Description:*

The date, as precise as possible, when the conflict violence stopped. If detailed information is lacking the Conflict Termination Dataset sets the date to 31 December.

### **2.19.4.2 Temporal Precision of Date of Conflict Being Inactive (ependprec)**

*Long tag:* ucdp\_term\_conflict\_ependprec

*Original tag:* endprec

*Dataset citation:* Kreutz (2010)

*Description:*

The enddate is coded as precisely as possible. For certain conflicts we can pinpoint the termination of the armed conflict down to a single event, taking place on a specific day. For other conflicts, this is not possible, due to lack of precise information. The Endprec (end precision) is coded to highlight the level of certainty for the date set in the Enddate variable.

1= Day, month and year are precisely coded; we have good information on the event.

2= Day is assigned; month and year are precisely coded. The assigned date can either be one of several events that can be classified as the last; it can be the last day in a period when several fatalities have been reported jointly or it can be an event that different sources claim occurred on different dates.

3= Day is unknown; month and year are precisely coded. The day is known to be in a given month, but we are missing information on an exact date. Day is then set to the last day of the month.

4= Month is assigned; year is coded precisely.

5= Day and month are unknown, year is coded precisely.

6= Year is assigned. There is a wide disagreement between different sources, so that not even year can be coded precisely. The end year is assigned based on subjective judgment.

7= Year is missing. No information on the end date is available; Enddate is set to 31 December of the last year recorded in the conflict.

### **2.19.4.3 Year (year)**

*Long tag:* ucdp\_term\_conflict\_year

*Original tag:* year

*Dataset citation:* Kreutz (2010)

*Description:*

The year of the observation.

#### 2.19.4.4 Date of First Battle-related Death in Conflict (start\_date)

*Long tag:* ucdp\_term\_conflict\_start\_date

*Original tag:* start\_date

*Dataset citation:* Kreutz (2010)

*Description:*

The date of the first battle-related death recorded in the conflict is coded as the Startdate in the dataset. The date is set after the conflict fulfills all criteria required in the definition of an armed conflict, except for the number of deaths. In some cases, the initial fatality occurs in a year prior to the first year of activity. For instance, in the conflict in Ethiopia over the territory Eritrea, the first battle-related deaths occurred in September 1961. During the remaining months of 1961, the conflict did not reach the required total of 25 battle-related deaths and the conflict is thus coded as inactive in 1961. 25 battle-related deaths in a year were not recorded until three years later.

#### 2.19.4.5 Temporal Precision of Date of First Battle-Related Death in Conflict (start\_prec)

*Long tag:* ucdp\_term\_conflict\_start\_prec

*Original tag:* start\_prec

*Dataset citation:* Kreutz (2010)

*Description:*

The Startdate is coded as precisely as possible. For certain conflicts we can pinpoint the start of the armed conflict down to a single event, taking place on a specific day. For other conflicts, this is not possible, due to lack of precise information. Startprec (start precision) is coded to highlight the level of certainty for the date set in the Startdate variable.

1= Day, month and year are precisely coded; we have good information on the event.

2= Day is assigned; month and year are precisely coded. The assigned date can either be one of several events that can be classified as the first; it can be the last day in a period when several fatalities have been reported jointly or it can be an event that different sources claim occurred on different dates.

3= Day is unknown; month and year are precisely coded. The day is known to be in a given month, but we are missing information on an exact date. Day is then set to the first day of the month.

4= Month is assigned; year is coded precisely. Day is set as the first day of the assigned month.

5= Day and month are unknown, year is coded precisely. Day and month are set as the 1 January of the coded year.

6= Year is assigned. There is a wide disagreement between different sources, so that not even year can be coded precisely. The start year is assigned based on subjective judgment.

7= Year is missing. No information on the start date is available; Startdate is set to 1 January of the first year recorded in the conflict.

#### 2.19.4.6 Date of Fatalities Exceeding 25 in Conflict (start\_date2)

*Long tag:* ucdp\_term\_conflict\_start\_date2

*Original tag:* start\_date2

*Dataset citation:* Kreutz (2010)

*Description:*

Startdate2 provides information about the date when a conflict episode reach 25 battle-related deaths in a calendar year, thus indicating the date that all criteria required in the definition of armed conflict are fulfilled.

#### 2.19.4.7 Temporal Precision of Date of Fatalities Exceeding 25 in Conflict (start\_prec2)

*Long tag:* ucdp\_term\_conflict\_start\_prec2

*Original tag:* start\_prec2

*Dataset citation:* Kreutz (2010)

*Description:*

The level of certainty for the coding of StartDate2.

1= Day, month and year are precisely coded; we have good information on the event.

2= Day is assigned; month and year are precisely coded. The assigned date can either be one of several events that can be classified as the first; it can be the last day in a period when several fatalities have been reported jointly or it can be an event that different sources claim occurred on different dates.

3= Day is unknown; month and year are precisely coded. The day is known to be in a given month, but we are missing information on an exact date. Day is then set to the first day of the month.

4= Month is assigned; year is coded precisely. Day is set as the first day of the assigned month.

5= Day and month are unknown, year is coded precisely. Day and month are set as the 1 January of the coded year.

6= Year is assigned. There is a wide disagreement between different sources, so that not even year can be coded precisely. The start year is assigned based on subjective judgment.

7= Year is missing. No information on the start date is available; Startdate is set to 1 January of the first year recorded in the conflict.

#### 2.19.5 Dataset Version

The version of the dataset.

##### 2.19.5.1 Dataset Version (version)

*Long tag:* ucdp\_term\_conflict\_version

*Original tag:* version

*Dataset citation:* Kreutz (2010)

*Description:*

The version of the dataset. Note that this most recent version (v2-2015) include a different coding scheme for outcomes compared with earlier versions.

#### 2.19.6 Geographical Information

These variables provide information on where the conflict takes place.

##### 2.19.6.1 Countries Having a Primary Claim to Incompatibility (location)

*Long tag:* ucdp\_term\_conflict\_location

*Original tag:* location

*Dataset citation:* Kreutz (2010)

*Description:*

The location of the conflict, taken from the UCDP/PRIO Armed Conflict Dataset. Location is defined as the government side of a conflict, and should not be interpreted as the geographical location of the conflict.

For internal and internationalized internal conflicts only one country name is listed. This is the country whose government or territory is disputed. For certain conflicts, such as Kurdistan, the disputed territory is divided between different countries. Following our definition, we have coded separate conflicts for each country.

For interstate conflict, both primary parties are listed in the Location field. Even if several governments are involved in the conflict, only countries that fulfill the inclusion criteria for

primary actors are listed here. This normally means that two countries are listed, but there are three notable exceptions: In the Arab-Israeli war of 1948–49 as well as the Suez war of 1956 and the war in Iraq in 2003, there are more than two primary parties to the conflict.

For extrastate conflicts, Location is set to be the disputed area, not the government of the colonial power. Location is a string variable, listing the names of the countries involved. These might be fighting together or against each other. The string is split in two ways, hyphen ('-') splits the different sides in an interstate war, and comma (',') splits different countries fighting together on the same side.

#### 2.19.6.2 Name of Territory Concerning Territory Incompatibility (`territory_name`)

*Long tag:* `ucdp_term_conflict_territory_name`

*Original tag:* `territory_name`

*Dataset citation:* Kreutz (2010)

*Description:*

The specified contested territory for conflicts over territory, taken from the UCDP/PRIO Armed Conflict Dataset. In case the two sides use different names for the disputed territory, the name listed is the one used by the opposition organization.

#### 2.19.6.3 GW IDs of Countries Having a Primary Claim to Incompatibility (`gwno_loc`)

*Long tag:* `ucdp_term_conflict_gwno_loc`

*Original tag:* `gwno_loc`

*Dataset citation:* Kreutz (2010)

*Description:*

This field contains the country code(s) for the state(s) listed in the Location variable. Thus, it lists the country codes for the primary party/parties in the conflict. The country codes are taken from Gleditsch and Ward (2007).

#### 2.19.6.4 Region (`region`)

*Long tag:* `ucdp_term_conflict_region`

*Original tag:* `region`

*Dataset citation:* Kreutz (2010)

*Description:*

The geographic region of the conflict, taken from the UCDP/Prio Armed Conflict Dataset. This variable groups the various conflicts into five geographical categories, dependent on the location of the conflict.

1= Europe

2= Middle East

3= Asia

4= Africa

5= Americas

## 2.20 UCDP Conflict Termination Dataset, Dyadic Level Version 3-2021

*Dataset tag:* `ucdp_term_dyadic`

**Output Unit:** UCDP Dyad-Year, i.e., data is collected per dyad and year. This means that each row in the dataset can be identified by a combination of `dyadid_new` and `year`. The combination of dyad episode and year (`dyadep_id` and `year`) returns duplicates.

**Description:** This dataset provides information on specific start- and end- dates for conflict activity and means of termination for each conflict episode. The data is available as a conflict-level dataset which corresponds with the UCDP/PRIO Armed Conflict Dataset v 21.1, and a dyad-level dataset which corresponds with the UCDP Dyadic Dataset v. 21.1.



**Dataset citation:**

Kreutz, Joakim (2010) How and When Armed Conflicts End: Introducing the UCDP Conflict Termination Dataset. *Journal of Peace Research*, 47(2).

**Link to original codebook**

[https://ucdp.uu.se/downloads/monadterm/Conflict\\_termination\\_codebook\\_3-2021.pdf](https://ucdp.uu.se/downloads/monadterm/Conflict_termination_codebook_3-2021.pdf)

**License:** UCDP offers a web-based system for visualising, handling and downloading data, including ready-made datasets on organized violence and peacemaking. All UCDP data are free of charge.

More detailed information on the dataset can be found at the following web page: <https://ucdp.uu.se/downloads/index.html>

**2.20.1 Actors and Identifiers**

These variables identify the conflicting parties using the UCDP ID system for conflicts, actors and dyads.

**2.20.1.1 ID of Dyad Episode (dyadep\_id)**

*Long tag:* ucdp\_term\_dyadic\_dyadep\_id

*Original tag:* dyadep\_id

*Dataset citation:* Kreutz (2010)

*Description:*

ID of the Dyad Episode

**2.20.1.2 Number of Dyad Episodes (dyadepisode)**

*Long tag:* ucdp\_term\_dyadic\_dyadepisode

*Original tag:* dyadepisode

*Dataset citation:* Kreutz (2010)

*Description:*

A count of the number of episodes have been observed for this dyad.

**2.20.1.3 Number of Dyads Active in Conflict (dyadcount)**

*Long tag:* ucdp\_term\_dyadic\_dyadcount

*Original tag:* dyadcount

*Dataset citation:* Kreutz (2010)

*Description:*

This variable provide information about how many different dyads are active in the conflict this year.

**2.20.1.4 Dyad Termination (dyadterm)**

*Long tag:* ucdp\_term\_dyadic\_dyadterm

*Original tag:* dyadterm

*Dataset citation:* Kreutz (2010)

*Description:*

Dyadterm is a dummy variable that codes whether a conflict dyad is inactive the following year and a dyad episode thus ends. If the dyad is inactive the following year(s), this variable is coded as 1. If not, a 0 is coded.

**2.20.1.5 Conflict ID (conflict\_id)**

*Long tag:* ucdp\_term\_dyadic\_conflict\_id

*Original tag:* conflict\_id

*Dataset citation:* Kreutz (2010)

*Description:*

The unique conflict ID, taken from the UCDP/PRIO Armed Conflict Dataset.

#### **2.20.1.6 Dyad ID (dyad\_id)**

*Long tag:* ucdp\_term\_dyadic\_dyad\_id

*Original tag:* dyad\_id

*Dataset citation:* Kreutz (2010)

*Description:*

The unique dyad ID, taken from the UCDP Dyadic Dataset.

#### **2.20.1.7 Name of Side A (side\_a)**

*Long tag:* ucdp\_term\_dyadic\_side\_a

*Original tag:* side\_a

*Dataset citation:* Kreutz (2010)

*Description:*

The first primary party to the conflict, taken from the UCDP/PRIO Armed Conflict Dataset. Side A is by definition always a primary party to the conflict. In internal conflicts, side A is always the government side, it is one of the sides in interstate conflicts and the colonial state in extrastate conflicts.

#### **2.20.1.8 Actor ID of Side A (side\_a\_id)**

*Long tag:* ucdp\_term\_dyadic\_side\_a\_id

*Original tag:* side\_a\_id

*Dataset citation:* Kreutz (2010)

*Description:*

ID for Side A

#### **2.20.1.9 Secondary Warring Parties on Side A (side\_a\_2nd)**

*Long tag:* ucdp\_term\_dyadic\_side\_a\_2nd

*Original tag:* side\_a\_2nd

*Dataset citation:* Kreutz (2010)

*Description:*

The state which contribute with troops to actively support Side A in the conflict.

#### **2.20.1.10 Name of Side B (side\_b)**

*Long tag:* ucdp\_term\_dyadic\_side\_b

*Original tag:* side\_b

*Dataset citation:* Kreutz (2010)

*Description:*

The second primary party to the conflict during the conflict episode, taken from the UCDP/PRIO Armed Conflict Dataset. Like Side A, Side B is by definition a primary party to the conflict. Side B is the opposition side of all internal and extrastate conflicts and the second side in an interstate conflict. Thus, side B can include both states and non-governmental opposition groups, depending on the type of conflict.

When the primary party listed on Side B is an opposition group, the column lists the group name in abbreviated form. Even if the group changes its name during the course of the conflict we record them under the same name for all years. See the UCDP Actor Dataset for the full name and name history of opposition groups.

**2.20.1.11 Actor ID of Side B (side\_b\_id)***Long tag:* ucdp\_term\_dyadic\_side\_b\_id*Original tag:* side\_b\_id*Dataset citation:* Kreutz (2010)*Description:*

Side B ID is the unique identifier of the actor on side B in the conflict. For government actors, the Gleditsch and Ward (2007) country codes are used. For non-state actors, the ID is taken from the UCDP Actor Dataset (UCDP 2015a).

**2.20.1.12 Supporters of Side B (side\_b\_2nd)***Long tag:* ucdp\_term\_dyadic\_side\_b\_2nd*Original tag:* side\_b\_2nd*Dataset citation:* Kreutz (2010)*Description:*

The state which contribute with troops to actively support Side B in the conflict.

**2.20.2 Incompatibility**

These variables indicate the cause(s) of the conflict, i.e. the stated (in writing or verbally) generally incompatible positions.

**2.20.2.1 Type of Conflict – Type 2 (type\_of\_conflict2)***Long tag:* ucdp\_term\_dyadic\_type\_of\_conflict2*Original tag:* type\_of\_conflict2*Dataset citation:* Kreutz (2010)*Description:*

The same conflict episode, or dyadic conflict episode, may include both years where neither side receive secondary support and years when they do. Type 2 thus combine the categories of internal armed conflict and internationalized armed conflict described above.

1. Extrasystemic armed conflict.
2. Interstate armed conflict.
3. Intrastate armed conflict.

**2.20.2.2 Outcome at Final Year of Active Dyad (outcome)***Long tag:* ucdp\_term\_dyadic\_outcome*Original tag:* outcome*Dataset citation:* Kreutz (2010)*Description:*

The coding of outcomes are based on the final year of activity and first year of non-activity. While the dataset include some information (i.e. ceasefires and peace agreements) outside this window, it does not follow warring party development beyond this time period.

- 1= Peace agreement
- 2= Ceasefire
- 3= Victory for Side A /Government Side 4= Victory for Side B /Rebel Side
- 5= Low activity (less than 25 battle-deaths) 6= Actor ceases to exist

**2.20.2.3 Recurrence of Dyad (recur)***Long tag:* ucdp\_term\_dyadic\_recur*Original tag:* recur*Dataset citation:* Kreutz (2010)

*Description:*

A dichotomous measure that this observation is a recurrence of a conflict or dyad which have experienced an spell of non-conflict.

**2.20.2.4 Incompatibility (incompatibility)**

*Long tag:* ucdp\_term\_dyadic\_incompatibility

*Original tag:* incompatibility

*Dataset citation:* Kreutz (2010)

*Description:*

The incompatibility for the conflict, taken from the UCDP/PRIO Armed Conflict Dataset. The stated incompatibility is what the parties claim to be fighting over.

1= Territory

2= Government

3= Government and Territory

**2.20.2.5 Intensity Level (intensity\_level)**

*Long tag:* ucdp\_term\_dyadic\_intensity\_level

*Original tag:* intensity\_level

*Dataset citation:* Kreutz (2010)

*Description:*

The intensity variable is coded in two categories:

1. Minor: between 25 and 999 battle-related deaths in a given year.
2. War: at least 1,000 battle-related deaths in a given year.

**2.20.2.6 Type of Conflict – Type 1 (type\_of\_conflict)**

*Long tag:* ucdp\_term\_dyadic\_type\_of\_conflict

*Original tag:* type\_of\_conflict

*Dataset citation:* Kreutz (2010)

*Description:*

UCDP define four types of conflict:

1. Extrasystemic armed conflict occurs between a state and a non-state group outside its own territory. (In the COW project, extrasystemic war is subdivided into colonial war and imperial war, but this distinction is not used here.) These conflicts are by definition territorial, since the government side is fighting to retain control of a territory outside the state system.
2. Interstate armed conflict occurs between two or more states.
3. Internal armed conflict occurs between the government of a state and one or more internal opposition group(s) without intervention from other states.
4. Internationalized internal armed conflict occurs between the government of a state and one or more internal opposition group(s) with intervention from other states (secondary parties) on one or both sides.

**2.20.3 Timely Dimension**

These variables provide information on when the conflict takes place.

**2.20.3.1 Date of Conflict Being Inactive (ependdate)**

*Long tag:* ucdp\_term\_dyadic\_ependdate

*Original tag:* ependdate

*Dataset citation:* Kreutz (2010)

*Description:*

The date, as precise as possible, when the conflict violence stopped. If detailed information is

lacking the Conflict Termination Dataset sets the date to 31 December.

### 2.20.3.2 Temporal Precision of Date of Conflict Being Inactive (ependrec)

*Long tag:* ucdp\_term\_dyadic\_ependrec

*Original tag:* ependrec

*Dataset citation:* Kreutz (2010)

*Description:*

The enddate is coded as precisely as possible. For certain conflicts we can pinpoint the termination of the armed conflict down to a single event, taking place on a specific day. For other conflicts, this is not possible, due to lack of precise information. The Endprec (end precision) is coded to highlight the level of certainty for the date set in the Enddate variable.

1= Day, month and year are precisely coded; we have good information on the event.

2= Day is assigned; month and year are precisely coded. The assigned date can either be one of several events that can be classified as the last; it can be the last day in a period when several fatalities have been reported jointly or it can be an event that different sources claim occurred on different dates.

3= Day is unknown; month and year are precisely coded. The day is known to be in a given month, but we are missing information on an exact date. Day is then set to the last day of the month.

4= Month is assigned; year is coded precisely.

5= Day and month are unknown, year is coded precisely.

6= Year is assigned. There is a wide disagreement between different sources, so that not even year can be coded precisely. The end year is assigned based on subjective judgment.

7= Year is missing. No information on the end date is available; Enddate is set to 31 December of the last year recorded in the conflict.

### 2.20.3.3 Date of Ceasefire (cfiredate)

*Long tag:* ucdp\_term\_dyadic\_cfiredate

*Original tag:* cfiredate

*Dataset citation:* Kreutz (2010)

*Description:*

The date, as precise as possible, when a ceasefire is concluded or publicly announced by the parties. If multiple ceasefires are agreed, the date observed is, if possible, of the first agreement.

### 2.20.3.4 Date of Peace Agreement (peagdate)

*Long tag:* ucdp\_term\_dyadic\_peagdate

*Original tag:* peagdate

*Dataset citation:* Kreutz (2010)

*Description:*

The date, as precise as possible, when a peace agreement is signed or publicly announced by the parties. In so-called peace process agreements, the date observed is, if possible, (a) the date of the concluding (last) agreement or (b) the date of the (first) agreement that establishes the process.

### 2.20.3.5 Year (year)

*Long tag:* ucdp\_term\_dyadic\_year

*Original tag:* year

*Dataset citation:* Kreutz (2010)

*Description:*

The year of the observation.

### 2.20.3.6 Date of First Battle-related Death in Dyad (start\_date)

*Long tag:* ucdp\_term\_dyadic\_start\_date

*Original tag:* start\_date

*Dataset citation:* Kreutz (2010)

*Description:*

The date of the first battle-related death recorded in the conflict is coded as the Startdate in the dataset. The date is set after the conflict fulfills all criteria required in the definition of an armed conflict, except for the number of deaths. In some cases, the initial fatality occurs in a year prior to the first year of activity. For instance, in the conflict in Ethiopia over the territory Eritrea, the first battle-related deaths occurred in September 1961. During the remaining months of 1961, the conflict did not reach the required total of 25 battle-related deaths and the conflict is thus coded as inactive in 1961. 25 battle-related deaths in a year were not recorded until three years later.

### **2.20.3.7 Temporal Precision of Date of First Battle-Related Death in Dyad (start\_prec)**

*Long tag:* ucdp\_term\_dyadic\_start\_prec

*Original tag:* start\_prec

*Dataset citation:* Kreutz (2010)

*Description:*

The Startdate is coded as precisely as possible. For certain conflicts we can pinpoint the start of the armed conflict down to a single event, taking place on a specific day. For other conflicts, this is not possible, due to lack of precise information. Startprec (start precision) is coded to highlight the level of certainty for the date set in the Startdate variable.

1= Day, month and year are precisely coded; we have good information on the event.

2= Day is assigned; month and year are precisely coded. The assigned date can either be one of several events that can be classified as the first; it can be the last day in a period when several fatalities have been reported jointly or it can be an event that different sources claim occurred on different dates.

3= Day is unknown; month and year are precisely coded. The day is known to be in a given month, but we are missing information on an exact date. Day is then set to the first day of the month.

4= Month is assigned; year is coded precisely. Day is set as the first day of the assigned month.

5= Day and month are unknown, year is coded precisely. Day and month are set as the 1 January of the coded year.

6= Year is assigned. There is a wide disagreement between different sources, so that not even year can be coded precisely. The start year is assigned based on subjective judgment.

7= Year is missing. No information on the start date is available; Startdate is set to 1 January of the first year recorded in the conflict.

### **2.20.3.8 Date of Fatalities Exceeding 25 in Dyad (start\_date2)**

*Long tag:* ucdp\_term\_dyadic\_start\_date2

*Original tag:* start\_date2

*Dataset citation:* Kreutz (2010)

*Description:*

Startdate2 provides information about the date when a conflict episode reach 25 battle-related deaths in a calendar year, thus indicating the date that all criteria required in the definition of armed conflict are fulfilled.

### **2.20.3.9 Temporal Precision of Date of Fatalities Exceeding 25 in Dyad (start\_prec2)**

*Long tag:* ucdp\_term\_dyadic\_start\_prec2

*Original tag:* start\_prec2

*Dataset citation:* Kreutz (2010)

*Description:*

The level of certainty for the coding of StartDate2.

1= Day, month and year are precisely coded; we have good information on the event.

2= Day is assigned; month and year are precisely coded. The assigned date can either be one of several events that can be classified as the first; it can be the last day in a period when several fatalities have been reported jointly or it can be an event that different sources claim occurred on different dates.

3= Day is unknown; month and year are precisely coded. The day is known to be in a given month, but we are missing information on an exact date. Day is then set to the first day of the month.

4= Month is assigned; year is coded precisely. Day is set as the first day of the assigned month.

5= Day and month are unknown, year is coded precisely. Day and month are set as the 1 January of the coded year.

6= Year is assigned. There is a wide disagreement between different sources, so that not even year can be coded precisely. The start year is assigned based on subjective judgment.

7= Year is missing. No information on the start date is available; Startdate is set to 1 January of the first year recorded in the conflict.

**2.20.4 Dataset Version**

The version of the dataset.

**2.20.4.1 Dataset Version (version)**

*Long tag:* ucdp\_term\_dyadic\_version

*Original tag:* version

*Dataset citation:* Kreutz (2010)

*Description:*

The version of the dataset. Note that this most recent version (v2-2015) include a different coding scheme for outcomes compared with earlier versions.

**2.20.5 Geographical Information**

These variables provide information on where the conflict takes place.

**2.20.5.1 Countries Having a Primary Claim to Incompatibility (location)**

*Long tag:* ucdp\_term\_dyadic\_location

*Original tag:* location

*Dataset citation:* Kreutz (2010)

*Description:*

The location of the conflict, taken from the UCDP/PRIO Armed Conflict Dataset. Location is defined as the government side of a conflict, and should not be interpreted as the geographical location of the conflict.

For internal and internationalized internal conflicts only one country name is listed. This is the country whose government or territory is disputed. For certain conflicts, such as Kurdistan, the disputed territory is divided between different countries. Following our definition, we have coded separate conflicts for each country.

For interstate conflict, both primary parties are listed in the Location field. Even if several governments are involved in the conflict, only countries that fulfill the inclusion criteria for primary actors are listed here. This normally means that two countries are listed, but there are three notable exceptions: In the Arab-Israeli war of 1948–49 as well as the Suez war of 1956 and the war in Iraq in 2003, there are more than two primary parties to the conflict.

For extrastate conflicts, Location is set to be the disputed area, not the government of the colonial power. Location is a string variable, listing the names of the countries involved. These might be fighting together or against each other. The string is split in two ways,

hyphen ('-') splits the different sides in an interstate war, and comma (',') splits different countries fighting together on the same side.

#### 2.20.5.2 Name of Territory Concerning Territory Incompatibility (territory\_name)

*Long tag:* ucdp\_term\_dyadic\_territory\_name

*Original tag:* territory\_name

*Dataset citation:* Kreutz (2010)

*Description:*

The specified contested territory for conflicts over territory, taken from the UCDP/PRIO Armed Conflict Dataset. In case the two sides use different names for the disputed territory, the name listed is the one used by the opposition organization.

#### 2.20.5.3 GW IDs of Countries Having a Primary Claim to Incompatibility (gwno\_loc)

*Long tag:* ucdp\_term\_dyadic\_gwno\_loc

*Original tag:* gwno\_loc

*Dataset citation:* Kreutz (2010)

*Description:*

This field contains the country code(s) for the state(s) listed in the Location variable. Thus, it lists the country codes for the primary party/parties in the conflict. The country codes are taken from Gleditsch and Ward (2007).

#### 2.20.5.4 Region (region)

*Long tag:* ucdp\_term\_dyadic\_region

*Original tag:* region

*Dataset citation:* Kreutz (2010)

*Description:*

The geographic region of the conflict, taken from the UCDP/Prio Armed Conflict Dataset. This variable groups the various conflicts into five geographical categories, dependent on the location of the conflict.

1= Europe

2= Middle East

3= Asia

4= Africa

5= Americas

### 2.21 UCDP Violent Political Protest Dataset Version 20.1

*Dataset tag:* ucdp\_vpp

**Output Unit:** UCDP Dyad-Year, i.e., data is collected per dyad and year. This means that each row in the dataset can be identified by a combination of dyad\_id and year.

**Description:** A dyad-year dataset identifying violent political protests, 1989-2019. It presents a new –standalone– category of organized violence, which complements, and is compatible with, UCDP’s three categories of organized violence: one-sided violence, non-state, and state-based conflict.

**Dataset citation:**

Svensson, Isak, Susanne Schaftenaar Marie Allansson (2022). Violent Political Protest: Introducing a New Uppsala Conflict Data Program Data Set on Organized Violence, 1989-2019. *Journal of Conflict Resolution*. <https://doi.org/10.1177/00220027221109791>



***Link to original codebook***

[https://ucdp.uu.se/downloads/vpp/vpp\\_codebook\\_v20\\_1.pdf](https://ucdp.uu.se/downloads/vpp/vpp_codebook_v20_1.pdf)

***License:*** UCDP offers a web-based system for visualising, handling and downloading data, including ready-made datasets on organized violence and peacemaking. All UCDP data are free of charge.

More detailed information on the dataset can be found at the following web page:  
<https://ucdp.uu.se/downloads/index.html>

**2.21.1 Identifier Variables**

Variables in this section identify observations in the dataset.

**2.21.1.1 Name of Dyad (dyad)**

*Long tag:* ucdp\_vpp\_dyad

*Original tag:* dyad

*Dataset citation:* Svensson et al. (2022)

*Description:*

The dyad name consisting of the two primary parties in the conflict.

**2.21.1.2 Dyad ID (dyad\_id)**

*Long tag:* ucdp\_vpp\_dyad\_id

*Original tag:* dyad\_id

*Dataset citation:* Svensson et al. (2022)

*Description:*

Dyad identifier.

**2.21.1.3 Name of Side A (side\_a)**

*Long tag:* ucdp\_vpp\_side\_a

*Original tag:* side\_a

*Dataset citation:* Svensson et al. (2022)

*Description:*

The party that constitutes Side A in the conflict. Side A is always a government.

**2.21.1.4 Actor ID of Side A (side\_a\_id)**

*Long tag:* ucdp\_vpp\_side\_a\_id

*Original tag:* side\_a\_id

*Dataset citation:* Svensson et al. (2022)

*Description:*

The unique ID of the group that makes up Side A. This ID corresponds to all other data from UCDP.

**2.21.1.5 Name of Side B (side\_b)**

*Long tag:* ucdp\_vpp\_side\_b

*Original tag:* side\_b

*Dataset citation:* Svensson et al. (2022)

*Description:*

The party that constitutes Side B in the conflict.

**2.21.1.6 Actor ID of Side B (side\_b\_id)**

*Long tag:* ucdp\_vpp\_side\_b\_id

*Original tag:* side\_b\_id

*Dataset citation:* Svensson et al. (2022)

*Description:*

The unique ID of the group that makes up Side B.

#### **2.21.1.7 Year (year)**

*Long tag:* ucdp\_vpp\_year

*Original tag:* year

*Dataset citation:* Svensson et al. (2022)

*Description:*

The year of observation of the conflict.

The calendar year is the basic unit of every observation. Thus, if a conflict during the period June–September results in 30 casualties, that year will be included in the dataset. However, if the

same number of casualties occurred in the period November–February and the violence did not result in at least 25 deaths in either calendar year, neither year will be included.

#### **2.21.2 Location**

Variables in this section provide information on where the conflict takes place.

##### **2.21.2.1 Country where Violent Political Protest Taking Place (location)**

*Long tag:* ucdp\_vpp\_location

*Original tag:* location

*Dataset citation:* Svensson et al. (2022)

*Description:*

The name of the country in which the VPP activity takes place.

##### **2.21.2.2 GW ID of Country where Violent Political Protest Taking Place (gwnoloc)**

*Long tag:* ucdp\_vpp\_gwnoloc

*Original tag:* gwnoloc

*Dataset citation:* Svensson et al. (2022)

*Description:*

This field contains the country code for the state listed in the Location variable.

##### **2.21.2.3 Region ID (region\_id)**

*Long tag:* ucdp\_vpp\_region\_id

*Original tag:* region\_id

*Dataset citation:* Svensson et al. (2022)

*Description:*

Region of location:

1. Europe
2. Middle East
3. Asia
4. Africa
5. Americas

##### **2.21.2.4 Region (region)**

*Long tag:* ucdp\_vpp\_region

*Original tag:* region

*Dataset citation:* Svensson et al. (2022)

*Description:*

Region of location:

1. Europe
2. Middle East
3. Asia
4. Africa
5. Americas

### **2.21.3 Incompatibility**

These variables indicate the cause(s) of the conflict, i.e. the stated (in writing or verbally) generally incompatible positions.

#### **2.21.3.1 Incompatibility (incompatibility)**

*Long tag:* ucdp\_vpp\_incompatibility

*Original tag:* incompatibility

*Dataset citation:* Svensson et al. (2022)

*Description:*

The stated incompatibility is what the parties are (or claim to be) fighting over, but it says nothing about why the parties are fighting. In other words, possible underlying incompatibilities are not considered. The incompatibility can concern either government, territory, or both.

#### **2.21.3.2 Intensity Level (intensity)**

*Long tag:* ucdp\_vpp\_intensity

*Original tag:* intensity

*Dataset citation:* Svensson et al. (2022)

*Description:*

The intensity variable is coded in two categories:

1. Low intensity: between 25 and 999 deaths in a given year.
2. High intensity: at least 1,000 deaths in a given year.

#### **2.21.3.3 Outcome of Violent Political Protest (outcome)**

*Long tag:* ucdp\_vpp\_outcome

*Original tag:* outcome

*Dataset citation:* Svensson et al. (2022)

*Description:*

The outcome variable is divided in four categories:

1. Demands fulfilled
2. Demands partially fulfilled
3. Demands not fulfilled
4. Not applicable

The demands of Side B regarding the incompatibility (government and/or territory) must be met within twelve months after the civil protests in order for the outcome variable to be coded as “demands fulfilled”. This can take the form of for example the head of the government resigning or an achieved autonomy. If some of the demands are fulfilled, but not all, the outcome variable is coded as “demands partially fulfilled”. One example of this could be when substantial constitutional changes are made, but the state leader does not resign. The final category, not applicable, is assigned to the cases with civil protests that have taken place in less than twelve months prior the release of the dataset.

### 2.21.4 Dataset Version

Version of the dataset.

#### 2.21.4.1 Version (version)

*Long tag:* ucdp\_vpp\_version

*Original tag:* version

*Dataset citation:* Svensson et al. (2022)

*Description:*

This codebook corresponds to Version 20.1 of the VPP dataset.

## 2.22 VIEWS Country-Month Conflict Predictions (Last Input Data: January 2022)

*Dataset tag:* views\_cm\_01\_22

**Output Unit:** VIEWS Country-Month, i.e., data is predicted per country and month. This means that each row in the dataset can be identified through a combination of the variables `country_id` and `month_id`.

Rows in the dataset can also be identified through a combination of `month_id` and `isoab`, `gwcode` or `name`.

**Description:**

A global dataset containing the Violence Impacts Early-Warning System predictions for state-based conflict over a rolling three-year forecasting window. The month and year listed in the dataset name refer to the last month of input data informing the predictions. The forecasts are provided as point predictions for the number of people killed per country and month (expressed in natural logged form plus 1, i.e.  $\ln(\text{fatalities}+1)$ ).

**Dataset citation:**

Hegre, H. et al. (2022) 'Forecasting fatalities', Uppsala University, Technical report. URN: urn:nbn:se:uu:diva-476476.

Hegre, H. et al. (2021) 'ViEWS2020: Revising and evaluating the ViEWS political Violence Early-Warning System', *Journal of Peace Research*, 58(3), pp. 599–611. doi:10.1177/0022343320962157.

**License:** CC-BY-SA 4.0 International

<https://creativecommons.org/licenses/by-sa/4.0/legalcode>

More detailed information on the dataset can be found at the following web page: <https://viewsforecasting.org/resources/#downloads> and <https://viewsforecasting.org/methodology/definitions/>

### 2.22.1 Identifier Variables

Variables or combination of variables in this section identify rows in the dataset.

#### 2.22.1.1 Country ID (`country_id`)

*Long tag:* views\_cm\_01\_22\_country\_id

*Original tag:* country\_id

*Dataset citation:* Hegre et al. (2022)

*Description:*

VIEWS Country ID

**2.22.1.2 Month ID (month\_id)***Long tag:* views\_cm\_01\_22\_month\_id*Original tag:* month\_id*Dataset citation:* Hegre et al. (2022)*Description:*

A VIEWS month\_id, where month\_id is a sequence with 1 being January 1980.

**2.22.1.3 Country Name (name)***Long tag:* views\_cm\_01\_22\_name*Original tag:* name*Dataset citation:* Hegre et al. (2022)*Description:*

Country name

**2.22.1.4 GW Country Code (gwcode)***Long tag:* views\_cm\_01\_22\_gwcode*Original tag:* gwcode*Dataset citation:* Hegre et al. (2022)*Description:*

Gleditsch and Ward numeric Country Code

**2.22.1.5 ISO Code (isoab)***Long tag:* views\_cm\_01\_22\_isoab*Original tag:* isoab*Dataset citation:* Hegre et al. (2022)*Description:*

ISO 3-letter country code.

**2.22.1.6 Year (year)***Long tag:* views\_cm\_01\_22\_year*Original tag:* year*Dataset citation:* Hegre et al. (2022)*Description:*

Year for which scores are predicted.

**2.22.1.7 Month (month)***Long tag:* views\_cm\_01\_22\_month*Original tag:* month*Dataset citation:* Hegre et al. (2022)*Description:*

Month of the year for which scores are predicted.

**2.22.2 Predictions**

Variables in this section present the VIEWS predictions for state-based conflict over a rolling three-year forecasting window. The month and year listed in the dataset name(s) and dataset tag(s) refer to the last month of input data informing the predictions at hand.

**2.22.2.1 Country-month state-based fatalities predictions (sc\_cm\_sb\_main)***Long tag:* views\_cm\_01\_22\_sc\_cm\_sb\_main

*Original tag:* sc\_cm\_sb\_main

*Dataset citation:* Hegre et al. (2022)

*Description:*

**Originating from:** Main ensemble model for number of fatalities in state-based conflict at the country-month level of analysis.

**Development ID:** fatalities001, please see <https://github.com/priodata/viewsforecasting/blob/main/CHANGELOG.md>.

**Outcome:** Continuous predictions for the number of fatalities per country-month in impending state-based conflict.

**Type of Violence:** State-based conflict, as defined and compiled by the Uppsala Conflict Data Program (Sundberg & Melander, 2013), please see <https://www.pcr.uu.se/research/ucdp/definitions/>.

**Level of Analysis:** Country-month. The set of countries is derived from the Gleditsch & Ward (1999) list of independent states, and their geographical extent from CShapes 0.6 (Weidmann, Kuse & Gleditsch, 2010).

**Description:** Predicted number of fatalities in impending conflict at country-month level of analysis, expressed in natural logged form plus 1 [ $\ln(Y+1)$ ]. The predictions are produced by a genetic ensemble trained for this type of violence and level of analysis. For more information about the ensemble and the current composition of its constituent models (sub-models), please see <https://github.com/prio-data/viewsforecasting/blob/main/CHANGELOG.md> and <https://www.divaportal.org/smash/get/diva2:1667048/FULLTEXT01.pdf>.

### 2.22.2.2 Country-month state-based dichotomous probability predictions (sc\_cm\_sb\_dich\_main)

*Long tag:* views\_cm\_01\_22\_sc\_cm\_sb\_dich\_main

*Original tag:* sc\_cm\_sb\_dich\_main

*Dataset citation:* Hegre et al. (2022)

*Description:*

**Originating from:** Main ensemble model for number of fatalities in state-based conflict at the country-month level of analysis.

**Development ID:** fatalities001, please see <https://github.com/prio-data/viewsforecasting/blob/main/CHANGELOG.md>.

**Outcome:** Dichotomous predictions for the probability of at least 25 BRDs per country-month in impending state-based conflict.

**Type of Violence:** State-based conflict, as defined and compiled by the Uppsala Conflict Data Program (Sundberg & Melander, 2013), please see <https://www.pcr.uu.se/research/ucdp/definitions/>.

**Level of Analysis:** Country-month. The set of countries is derived from the Gleditsch & Ward (1999) list of independent states, and their geographical extent from CShapes 0.6 (Weidmann, Kuse & Gleditsch, 2010).

**Description:** Predicted probability of at least 25 battle-related deaths (BRDs) per country-month, derived from the country-level ensemble predictions. For more information about the ensemble underlying these predictions (sc\_cm\_sb\_main) and the current composition of its constituent models (sub-models), please see <https://github.com/priodata/viewsforecasting/blob/main/CHANGELOG.md>

and <https://www.divaportal.org/smash/get/diva2:1667048/FULLTEXT01.pdf>.

## 2.23 VIEWS Country-Month Conflict Predictions (Last Input Data: January 2023)

**Dataset tag:** views\_cm\_01\_23

**Output Unit:** VIEWS Country-Month, i.e., data is predicted per country and month. This means that each row in the dataset can be identified through a combination of the variables country\_id and month\_id.

Rows in the dataset can also be identified through a combination of month\_id and isoab, gwcode or name.

### **Description:**

A global dataset containing the Violence Impacts Early-Warning System predictions for state-based conflict over a rolling three-year forecasting window. The month and year listed in the dataset name refer to the last month of input data informing the predictions. The forecasts are provided as point predictions for the number of people killed per country and month (expressed in natural logged form plus 1, i.e.  $\ln(\text{fatalities}+1)$ ).

### **Dataset citation:**

Hegre, H. et al. (2022) 'Forecasting fatalities', Uppsala University, Technical report. URN: urn:nbn:se:uu:diva-476476.

Hegre, H. et al. (2021) 'ViEWS2020: Revising and evaluating the ViEWS political Violence Early-Warning System', *Journal of Peace Research*, 58(3), pp. 599–611. doi:10.1177/0022343320962157.

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<https://creativecommons.org/licenses/by-sa/4.0/legalcode>

More detailed information on the dataset can be found at the following web page: <https://viewsforecasting.org/resources/#downloads> and

<https://viewsforecasting.org/methodology/definitions/>

### 2.23.1 Identifier Variables

Variables or combination of variables in this section identify rows in the dataset.

#### 2.23.1.1 Country ID (country\_id)

*Long tag:* views\_cm\_01\_23\_country\_id

*Original tag:* country\_id

*Dataset citation:* Hegre et al. (2022)

*Description:*

VIEWS Country ID

#### 2.23.1.2 Month ID (month\_id)

*Long tag:* views\_cm\_01\_23\_month\_id

*Original tag:* month\_id

*Dataset citation:* Hegre et al. (2022)

*Description:*

A VIEWS month\_id, where month\_id is a sequence with 1 being January 1980.

#### 2.23.1.3 Country Name (name)

*Long tag:* views\_cm\_01\_23\_name

*Original tag:* name

*Dataset citation:* Hegre et al. (2022)

*Description:*

Country name

#### 2.23.1.4 GW Country Code (gwcode)

*Long tag:* views\_cm\_01\_23\_gwcode

*Original tag:* gwcode

*Dataset citation:* Hegre et al. (2022)

*Description:*

Gleditsch and Ward numeric Country Code

#### 2.23.1.5 ISO Code (isoab)

*Long tag:* views\_cm\_01\_23\_isoab

*Original tag:* isoab

*Dataset citation:* Hegre et al. (2022)

*Description:*

ISO 3-letter country code.

#### 2.23.1.6 Year (year)

*Long tag:* views\_cm\_01\_23\_year

*Original tag:* year

*Dataset citation:* Hegre et al. (2022)

*Description:*

Year for which scores are predicted.

#### 2.23.1.7 Month (month)

*Long tag:* views\_cm\_01\_23\_month

*Original tag:* month

*Dataset citation:* Hegre et al. (2022)

*Description:*

Month of the year for which scores are predicted.

### 2.23.2 Predictions

Variables in this section present the VIEWS predictions for state-based conflict over a rolling three-year forecasting window. The month and year listed in the dataset name(s) and dataset tag(s) refer to the last month of input data informing the predictions at hand. To learn about the type(s) of violence predicted in the VIEWS datasets, and the level(s) of analysis for which they are presented, please visit <https://viewsforecasting.org/methodology/definitions/>.

#### 2.23.2.1 Country-month state-based fatalities predictions (sc\_cm\_sb\_main)

*Long tag:* views\_cm\_01\_23\_sc\_cm\_sb\_main

*Original tag:* sc\_cm\_sb\_main

*Dataset citation:* Hegre et al. (2022)

*Description:*

**Originating from:** Main ensemble model for number of fatalities in state-based conflict at the country-month level of analysis.

**Development ID:** fatalities001, please see <https://github.com/priodata/viewsforecasting/blob/main/CHANGELOG.md>.



**Outcome:** Continuous predictions for the number of fatalities per country-month in impending state-based conflict.

**Type of Violence:** State-based conflict, as defined and compiled by the Uppsala Conflict Data Program (Sundberg & Melander, 2013), please see <https://www.pcr.uu.se/research/ucdp/definitions/>.

**Level of Analysis:** Country-month. The set of countries is derived from the Gleditsch & Ward (1999) list of independent states, and their geographical extent from CShapes 0.6 (Weidmann, Kuse & Gleditsch, 2010).

**Description:** Predicted number of fatalities in impending conflict at country-month level of analysis, expressed in natural logged form plus 1  $[\ln(Y+1)]$ . The predictions are produced by a genetic ensemble trained for this type of violence and level of analysis. For more information about the ensemble and the current composition of its constituent models (sub-models), please see <https://github.com/prio-data/viewsforecasting/blob/main/CHANGELOG.md> and <https://www.divaportal.org/smash/get/diva2:1667048/FULLTEXT01.pdf>.

### 2.23.2.2 Country-month state-based dichotomous probability predictions (sc\_cm\_sb\_dich\_main)

*Long tag:* views\_cm\_01\_23\_sc\_cm\_sb\_dich\_main

*Original tag:* sc\_cm\_sb\_dich\_main

*Dataset citation:* Hegre et al. (2022)

*Description:*

**Originating from:** Main ensemble model for number of fatalities in state-based conflict at the country-month level of analysis.

**Development ID:** fatalities001, please see <https://github.com/prio-data/viewsforecasting/blob/main/CHANGELOG.md>.

**Outcome:** Dichotomous predictions for the probability of at least 25 BRDs per country-month in impending state-based conflict.

**Type of Violence:** State-based conflict, as defined and compiled by the Uppsala Conflict Data Program (Sundberg & Melander, 2013), please see <https://www.pcr.uu.se/research/ucdp/definitions/>.

**Level of Analysis:** Country-month. The set of countries is derived from the Gleditsch & Ward (1999) list of independent states, and their geographical extent from CShapes 0.6 (Weidmann, Kuse & Gleditsch, 2010).

**Description:** Predicted probability of at least 25 battle-related deaths (BRDs) per country-month, derived from the country-level ensemble predictions. For more information about the ensemble underlying these predictions (sc\_cm\_sb\_main) and the current composition of its constituent models (sub-models), please see <https://github.com/prio-data/viewsforecasting/blob/main/CHANGELOG.md> and <https://www.divaportal.org/smash/get/diva2:1667048/FULLTEXT01.pdf>.

## 2.24 VIEWS Country-Month Conflict Predictions (Last Input Data: January 2024)

*Dataset tag:* views\_cm\_01\_24

**Output Unit:** VIEWS Country-Month, i.e., data is predicted per country and month. This means that each row in the dataset can be identified through a combination of the variables country\_id and month\_id. Rows in the dataset can also be identified through a combination of month\_id and

isoab, gwcode or name.

**Description:**

A global dataset containing the Violence and Impacts Early-Warning System predictions for state-based conflict per country and month over a rolling three-year forecasting window. The month and year listed in the dataset name refer to the last month of input data informing the predictions. The forecasts are provided as point predictions for the number of people that will be killed per country and month (expressed in both logged and non-logged form), as well as in the form of dichotomous predictions for the probability that at least 25 battle-related deaths will be reached or exceeded in any country-month).

**Dataset citation:**

Hegre, H. et al. (2022) ‘Forecasting fatalities’, Uppsala University, Technical report. URN: urn:nbn:se:uu:diva-476476.

Hegre, H. et al. (2021) ‘ViEWS2020: Revising and evaluating the ViEWS political Violence Early-Warning System’, *Journal of Peace Research*, 58(3), pp. 599–611. doi:10.1177/0022343320962157.

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More detailed information on the dataset can be found at the following web page:

<https://viewsforecasting.org/resources/#downloads>

and

<https://viewsforecasting.org/methodology/definitions/>

## 2.24.1 Identifier Variables

Variables or combination of variables in this section identify rows in the dataset.

### 2.24.1.1 Country ID (country\_id)

*Long tag:* views\_cm\_01\_24\_country\_id

*Original tag:* country\_id

*Dataset citation:* Hegre et al. (2022)

*Description:*

VIEWS Country ID

### 2.24.1.2 Month ID (month\_id)

*Long tag:* views\_cm\_01\_24\_month\_id

*Original tag:* month\_id

*Dataset citation:* Hegre et al. (2022)

*Description:*

A VIEWS month\_id, where month\_id is a sequence with 1 being January 1980.

### 2.24.1.3 Country Name (name)

*Long tag:* views\_cm\_01\_24\_name

*Original tag:* name

*Dataset citation:* Hegre et al. (2022)

*Description:*

Country name

### 2.24.1.4 GW Country Code (gwcode)

*Long tag:* views\_cm\_01\_24\_gwcode

*Original tag:* gwcode

*Dataset citation:* Hegre et al. (2022)

*Description:*

Gleditsch and Ward numeric Country Code

#### **2.24.1.5 ISO Code (isoab)**

*Long tag:* views\_cm\_01\_24\_isoab

*Original tag:* isoab

*Dataset citation:* Hegre et al. (2022)

*Description:*

ISO 3-letter country code.

#### **2.24.1.6 Year (year)**

*Long tag:* views\_cm\_01\_24\_year

*Original tag:* year

*Dataset citation:* Hegre et al. (2022)

*Description:*

Year for which scores are predicted.

#### **2.24.1.7 Month (month)**

*Long tag:* views\_cm\_01\_24\_month

*Original tag:* month

*Dataset citation:* Hegre et al. (2022)

*Description:*

Month of the year for which scores are predicted.

### **2.24.2 Predictions**

Variables in this section present the VIEWS predictions for state-based conflict over a rolling three-year forecasting window. The month and year listed in the dataset name(s) and dataset tag(s) refer to the last month of input data informing the predictions at hand.

#### **2.24.2.1 Predicted log number of fatalities (main\_mean\_ln)**

*Long tag:* views\_cm\_01\_24\_main\_mean\_ln

*Original tag:* main\_mean\_ln

*Dataset citation:* Hegre et al. (2022)

*Description:*

Point prediction of the log number of fatalities in impending conflict, presented per type of violence and level of analysis. Expressed in natural logged form plus 1 [ $\ln(Y+1)$ ].

#### **2.24.2.2 Predicted number of fatalities (main\_mean)**

*Long tag:* views\_cm\_01\_24\_main\_mean

*Original tag:* main\_mean

*Dataset citation:* Hegre et al. (2022)

*Description:*

Point prediction of the number of fatalities in impending conflict, presented per type of violence and level of analysis.

#### **2.24.2.3 Predicted probability of conflict (main\_dich)**

*Long tag:* views\_cm\_01\_24\_main\_dich

*Original tag:* main\_dich

*Dataset citation:* Hegre et al. (2022)

*Description:*

Predicted probability of at least 25 battle-related deaths (BRDs) per country-month. Estimated from the ensemble model results of the VIEWS model for the applicable type of violence and level of analysis.

## 2.25 VIEWS Country-Month Conflict Predictions (Last Input Data: February 2022)

*Dataset tag:* views\_cm\_02\_22

**Output Unit:** VIEWS Country-Month, i.e., data is predicted per country and month. This means that each row in the dataset can be identified through a combination of the variables `country_id` and `month_id`.

Rows in the dataset can also be identified through a combination of `month_id` and `isoab`, `gwcode` or `name`.

*Description:*

A global dataset containing the Violence Impacts Early-Warning System predictions for state-based conflict over a rolling three-year forecasting window. The month and year listed in the dataset name refer to the last month of input data informing the predictions. The forecasts are provided as point predictions for the number of people killed per country and month (expressed in natural logged form plus 1, i.e.  $\ln(\text{fatalities}+1)$ ).

*Dataset citation:*

Hegre, H. et al. (2022) 'Forecasting fatalities', Uppsala University, Technical report. URN: urn:nbn:se:uu:diva-476476.

Hegre, H. et al. (2021) 'ViEWS2020: Revising and evaluating the ViEWS political Violence Early-Warning System', *Journal of Peace Research*, 58(3), pp. 599–611. doi:10.1177/0022343320962157.

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More detailed information on the dataset can be found at the following web page: <https://viewsforecasting.org/resources/#downloads> and <https://viewsforecasting.org/methodology/definitions/>

### 2.25.1 Identifier Variables

Variables or combination of variables in this section identify rows in the dataset.

#### 2.25.1.1 Country ID (`country_id`)

*Long tag:* views\_cm\_02\_22\_country\_id

*Original tag:* country\_id

*Dataset citation:* Hegre et al. (2022)

*Description:*

VIEWS Country ID

#### 2.25.1.2 Month ID (`month_id`)

*Long tag:* views\_cm\_02\_22\_month\_id

*Original tag:* month\_id

*Dataset citation:* Hegre et al. (2022)

*Description:*

A VIEWS month\_id, where month\_id is a sequence with 1 being January 1980.

**2.25.1.3 Country Name (name)**

*Long tag:* views\_cm\_02\_22\_name

*Original tag:* name

*Dataset citation:* Hegre et al. (2022)

*Description:*

Country name

**2.25.1.4 GW Country Code (gwcode)**

*Long tag:* views\_cm\_02\_22\_gwcode

*Original tag:* gwcode

*Dataset citation:* Hegre et al. (2022)

*Description:*

Gleditsch and Ward numeric Country Code

**2.25.1.5 ISO Code (isoab)**

*Long tag:* views\_cm\_02\_22\_isoab

*Original tag:* isoab

*Dataset citation:* Hegre et al. (2022)

*Description:*

ISO 3-letter country code.

**2.25.1.6 Year (year)**

*Long tag:* views\_cm\_02\_22\_year

*Original tag:* year

*Dataset citation:* Hegre et al. (2022)

*Description:*

Year for which scores are predicted.

**2.25.1.7 Month (month)**

*Long tag:* views\_cm\_02\_22\_month

*Original tag:* month

*Dataset citation:* Hegre et al. (2022)

*Description:*

Month of the year for which scores are predicted.

**2.25.2 Predictions**

Variables in this section present the VIEWS predictions for state-based conflict over a rolling three-year forecasting window. The month and year listed in the dataset name(s) and dataset tag(s) refer to the last month of input data informing the predictions at hand.

**2.25.2.1 Country-month state-based fatalities predictions (sc\_cm\_sb\_main)**

*Long tag:* views\_cm\_02\_22\_sc\_cm\_sb\_main

*Original tag:* sc\_cm\_sb\_main

*Dataset citation:* Hegre et al. (2022)

*Description:*

**Originating from:** Main ensemble model for number of fatalities in state-based conflict at the country-month level of analysis.

**Development ID:** fatalities001, please see <https://github.com/priodata/viewsforecasting/blob/main/CHANGELOG.md>.

**Outcome:** Continuous predictions for the number of fatalities per country-month in impending state-based conflict.

**Type of Violence:** State-based conflict, as defined and compiled by the Uppsala Conflict Data Program (Sundberg & Melander, 2013), please see <https://www.pcr.uu.se/research/ucdp/definitions/>.

**Level of Analysis:** Country-month. The set of countries is derived from the Gleditsch & Ward (1999) list of independent states, and their geographical extent from CShapes 0.6 (Weidmann, Kuse & Gleditsch, 2010).

**Description:** Predicted number of fatalities in impending conflict at country-month level of analysis, expressed in natural logged form plus 1 [ $\ln(Y+1)$ ]. The predictions are produced by a genetic ensemble trained for this type of violence and level of analysis. For more information about the ensemble and the current composition of its constituent models (sub-models), please see <https://github.com/prio-data/viewsforecasting/blob/main/CHANGELOG.md> and <https://www.divaportal.org/smash/get/diva2:1667048/FULLTEXT01.pdf>.

### 2.25.2.2 Country-month state-based dichotomous probability predictions (sc\_cm\_sb\_dich\_main)

*Long tag:* views\_cm\_02\_22\_sc\_cm\_sb\_dich\_main

*Original tag:* sc\_cm\_sb\_dich\_main

*Dataset citation:* Hegre et al. (2022)

*Description:*

**Originating from:** Main ensemble model for number of fatalities in state-based conflict at the country-month level of analysis.

**Development ID:** fatalities001, please see <https://github.com/prio-data/viewsforecasting/blob/main/CHANGELOG.md>.

**Outcome:** Dichotomous predictions for the probability of at least 25 BRDs per country-month in impending state-based conflict.

**Type of Violence:** State-based conflict, as defined and compiled by the Uppsala Conflict Data Program (Sundberg & Melander, 2013), please see <https://www.pcr.uu.se/research/ucdp/definitions/>.

**Level of Analysis:** Country-month. The set of countries is derived from the Gleditsch & Ward (1999) list of independent states, and their geographical extent from CShapes 0.6 (Weidmann, Kuse & Gleditsch, 2010).

**Description:** Predicted probability of at least 25 battle-related deaths (BRDs) per country-month, derived from the country-level ensemble predictions. For more information about the ensemble underlying these predictions (sc\_cm\_sb\_main) and the current composition of its constituent models (sub-models), please see <https://github.com/priodata/viewsforecasting/blob/main/CHANGELOG.md> and <https://www.divaportal.org/smash/get/diva2:1667048/FULLTEXT01.pdf>.

## 2.26 VIEWS Country-Month Conflict Predictions (Last Input Data: February 2023)

**Dataset tag:** views\_cm\_02\_23

**Output Unit:** VIEWS Country-Month, i.e., data is predicted per country and month. This means that each row in the dataset can be identified through a combination of the variables country\_id and month\_id.

Rows in the dataset can also be identified through a combination of month\_id and isoab, gwcode or name.

### **Description:**

A global dataset containing the Violence Impacts Early-Warning System predictions for state-based conflict over a rolling three-year forecasting window. The month and year listed in the dataset name refer to the last month of input data informing the predictions. The forecasts are provided as point predictions for the number of people killed per country and month (expressed in natural logged form plus 1, i.e.  $\ln(\text{fatalities}+1)$ ).

### **Dataset citation:**

Hegre, H. et al. (2022) 'Forecasting fatalities', Uppsala University, Technical report. URN: urn:nbn:se:uu:diva-476476.

Hegre, H. et al. (2021) 'ViEWS2020: Revising and evaluating the ViEWS political Violence Early-Warning System', *Journal of Peace Research*, 58(3), pp. 599–611. doi:10.1177/0022343320962157.

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More detailed information on the dataset can be found at the following web page: <https://viewsforecasting.org/resources/#downloads> and <https://viewsforecasting.org/methodology/definitions/>

### 2.26.1 Identifier Variables

Variables or combination of variables in this section identify rows in the dataset.

#### 2.26.1.1 Country ID (country\_id)

*Long tag:* views\_cm\_02\_23\_country\_id

*Original tag:* country\_id

*Dataset citation:* Hegre et al. (2022)

*Description:*

VIEWS Country ID

#### 2.26.1.2 Month ID (month\_id)

*Long tag:* views\_cm\_02\_23\_month\_id

*Original tag:* month\_id

*Dataset citation:* Hegre et al. (2022)

*Description:*

A VIEWS month\_id, where month\_id is a sequence with 1 being January 1980.

#### 2.26.1.3 Country Name (name)

*Long tag:* views\_cm\_02\_23\_name

*Original tag:* name

*Dataset citation:* Hegre et al. (2022)

*Description:*

Country name

**2.26.1.4 GW Country Code (gwcode)***Long tag:* views\_cm\_02\_23\_gwcode*Original tag:* gwcode*Dataset citation:* Hegre et al. (2022)*Description:*

Gleditsch and Ward numeric Country Code

**2.26.1.5 ISO Code (isoab)***Long tag:* views\_cm\_02\_23\_isoab*Original tag:* isoab*Dataset citation:* Hegre et al. (2022)*Description:*

ISO 3-letter country code.

**2.26.1.6 Year (year)***Long tag:* views\_cm\_02\_23\_year*Original tag:* year*Dataset citation:* Hegre et al. (2022)*Description:*

Year for which scores are predicted.

**2.26.1.7 Month (month)***Long tag:* views\_cm\_02\_23\_month*Original tag:* month*Dataset citation:* Hegre et al. (2022)*Description:*

Month of the year for which scores are predicted.

**2.26.2 Predictions**

Variables in this section present the VIEWS predictions for state-based conflict over a rolling three-year forecasting window. The month and year listed in the dataset name(s) and dataset tag(s) refer to the last month of input data informing the predictions at hand. To learn about the type(s) of violence predicted in the VIEWS datasets, and the level(s) of analysis for which they are presented, please visit <https://viewsforecasting.org/methodology/definitions/>.

**2.26.2.1 Country-month state-based fatalities predictions (sc\_cm\_sb\_main)***Long tag:* views\_cm\_02\_23\_sc\_cm\_sb\_main*Original tag:* sc\_cm\_sb\_main*Dataset citation:* Hegre et al. (2022)*Description:*

**Originating from:** Main ensemble model for number of fatalities in state-based conflict at the country-month level of analysis.

**Development ID:** fatalities001, please see <https://github.com/priodata/viewsforecasting/blob/main/CHANGELOG.md>.

**Outcome:** Continuous predictions for the number of fatalities per country-month in impending state-based conflict.



**Type of Violence:** State-based conflict, as defined and compiled by the Uppsala Conflict Data Program (Sundberg & Melander, 2013), please see <https://www.pcr.uu.se/research/ucdp/definitions/>.

**Level of Analysis:** Country-month. The set of countries is derived from the Gleditsch & Ward (1999) list of independent states, and their geographical extent from CShapes 0.6 (Weidmann, Kuse & Gleditsch, 2010).

**Description:** Predicted number of fatalities in impending conflict at country-month level of analysis, expressed in natural logged form plus 1  $[\ln(Y+1)]$ . The predictions are produced by a genetic ensemble trained for this type of violence and level of analysis. For more information about the ensemble and the current composition of its constituent models (sub-models), please see <https://github.com/prio-data/viewsforecasting/blob/main/CHANGELOG.md> and <https://www.divaportal.org/smash/get/diva2:1667048/FULLTEXT01.pdf>.

### 2.26.2.2 Country-month state-based dichotomous probability predictions (sc\_cm\_sb\_dich\_main)

*Long tag:* views\_cm\_02\_23\_sc\_cm\_sb\_dich\_main

*Original tag:* sc\_cm\_sb\_dich\_main

*Dataset citation:* Hegre et al. (2022)

*Description:*

**Originating from:** Main ensemble model for number of fatalities in state-based conflict at the country-month level of analysis.

**Development ID:** fatalities001, please see <https://github.com/prio-data/viewsforecasting/blob/main/CHANGELOG.md>.

**Outcome:** Dichotomous predictions for the probability of at least 25 BRDs per country-month in impending state-based conflict.

**Type of Violence:** State-based conflict, as defined and compiled by the Uppsala Conflict Data Program (Sundberg & Melander, 2013), please see <https://www.pcr.uu.se/research/ucdp/definitions/>.

**Level of Analysis:** Country-month. The set of countries is derived from the Gleditsch & Ward (1999) list of independent states, and their geographical extent from CShapes 0.6 (Weidmann, Kuse & Gleditsch, 2010).

**Description:** Predicted probability of at least 25 battle-related deaths (BRDs) per country-month, derived from the country-level ensemble predictions. For more information about the ensemble underlying these predictions (sc\_cm\_sb\_main) and the current composition of its constituent models (sub-models), please see <https://github.com/priodata/viewsforecasting/blob/main/CHANGELOG.md> and <https://www.divaportal.org/smash/get/diva2:1667048/FULLTEXT01.pdf>.

## 2.27 VIEWS Country-Month Conflict Predictions (Last Input Data: February 2024)

*Dataset tag:* views\_cm\_02\_24

**Output Unit:** VIEWS Country-Month, i.e., data is predicted per country and month. This means that each row in the dataset can be identified through a combination of the variables country\_id and month\_id. Rows in the dataset can also be identified through a combination of month\_id and isoab, gwcode or name.

**Description:**

A global dataset containing the Violence and Impacts Early-Warning System predictions for state-based conflict per country and month over a rolling three-year forecasting window. The month and year listed in the dataset name refer to the last month of input data informing the predictions. The forecasts are provided as point predictions for the number of people that will be killed per country and month (expressed in both logged and non-logged form), as well as in the form of dichotomous predictions for the probability that at least 25 battle-related deaths will be reached or exceeded in any country-month).

**Dataset citation:**

Hegre, H. et al. (2022) 'Forecasting fatalities', Uppsala University, Technical report. URN: urn:nbn:se:uu:diva-476476.

Hegre, H. et al. (2021) 'ViEWS2020: Revising and evaluating the ViEWS political Violence Early-Warning System', *Journal of Peace Research*, 58(3), pp. 599–611. doi:10.1177/0022343320962157.

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More detailed information on the dataset can be found at the following web page:  
<https://viewsforecasting.org/resources/#downloads> and  
<https://viewsforecasting.org/methodology/definitions/>

**2.27.1 Identifier**

These variables identify rows in the dataset.

**2.27.1.1 Country ID (country\_id)**

*Long tag:* views\_cm\_02\_24\_country\_id

*Original tag:* country\_id

*Dataset citation:* Hegre et al. (2022)

*Description:*

VIEWS Country ID

**2.27.1.2 Month ID (month\_id)**

*Long tag:* views\_cm\_02\_24\_month\_id

*Original tag:* month\_id

*Dataset citation:* Hegre et al. (2022)

*Description:*

A VIEWS month\_id, where month\_id is a sequence with 1 being January 1980.

**2.27.1.3 Country Name (name)**

*Long tag:* views\_cm\_02\_24\_name

*Original tag:* name

*Dataset citation:* Hegre et al. (2022)

*Description:*

Country name

**2.27.1.4 GW Country Code (gwcode)**

*Long tag:* views\_cm\_02\_24\_gwcode

*Original tag:* gwcode

*Dataset citation:* Hegre et al. (2022)

*Description:*

Gleditsch and Ward numeric Country Code

**2.27.1.5 ISO Code (isoab)**

*Long tag:* views\_cm\_02\_24\_isoab

*Original tag:* isoab

*Dataset citation:* Hegre et al. (2022)

*Description:*

ISO 3-letter country code.

**2.27.1.6 Year (year)**

*Long tag:* views\_cm\_02\_24\_year

*Original tag:* year

*Dataset citation:* Hegre et al. (2022)

*Description:*

Year for which scores are predicted.

**2.27.1.7 Month (month)**

*Long tag:* views\_cm\_02\_24\_month

*Original tag:* month

*Dataset citation:* Hegre et al. (2022)

*Description:*

Month of the year for which scores are predicted.

**2.27.2 Predictions**

Variables in this section present the VIEWS predictions for state-based conflict over a rolling three-year forecasting window. The month and year listed in the dataset name(s) and dataset tag(s) refer to the last month of input data informing the predictions at hand.

**2.27.2.1 Predicted log number of fatalities (main\_mean\_ln)**

*Long tag:* views\_cm\_02\_24\_main\_mean\_ln

*Original tag:* main\_mean\_ln

*Dataset citation:* Hegre et al. (2022)

*Description:*

Point prediction of the log number of fatalities in impending conflict, presented per type of violence and level of analysis. Expressed in natural logged form plus 1 [ $\ln(Y+1)$ ].

**2.27.2.2 Predicted number of fatalities (main\_mean)**

*Long tag:* views\_cm\_02\_24\_main\_mean

*Original tag:* main\_mean

*Dataset citation:* Hegre et al. (2022)

*Description:*

Point prediction of the number of fatalities in impending conflict, presented per type of violence and level of analysis.

**2.27.2.3 Predicted probability of conflict (main\_dich)**

*Long tag:* views\_cm\_02\_24\_main\_dich

*Original tag:* main\_dich

*Dataset citation:* Hegre et al. (2022)

*Description:*

Predicted probability of at least 25 battle-related deaths (BRDs) per country-month. Estimated from the ensemble model results of the VIEWS model for the applicable type of violence and level of analysis.

## 2.28 VIEWS Country-Month Conflict Predictions (Last Input Data: March 2022)

**Dataset tag:** views\_cm\_03\_22

**Output Unit:** VIEWS Country-Month, i.e., data is predicted per country and month. This means that each row in the dataset can be identified through a combination of the variables country\_id and month\_id.

Rows in the dataset can also be identified through a combination of month\_id and isoab, gwcode or name.

*Description:*

A global dataset containing the Violence Impacts Early-Warning System predictions for state-based conflict over a rolling three-year forecasting window. The month and year listed in the dataset name refer to the last month of input data informing the predictions. The forecasts are provided as point predictions for the number of people killed per country and month (expressed in natural logged form plus 1, i.e.  $\ln(\text{fatalities}+1)$ ).

*Dataset citation:*

Hegre, H. et al. (2022) 'Forecasting fatalities', Uppsala University, Technical report. URN: urn:nbn:se:uu:diva-476476.

Hegre, H. et al. (2021) 'ViEWS2020: Revising and evaluating the ViEWS political Violence Early-Warning System', *Journal of Peace Research*, 58(3), pp. 599–611. doi:10.1177/0022343320962157.

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More detailed information on the dataset can be found at the following web page: <https://viewsforecasting.org/resources/#downloads> and <https://viewsforecasting.org/methodology/definitions/>

### 2.28.1 Identifier Variables

Variables or combination of variables in this section identify rows in the dataset.

#### 2.28.1.1 Country ID (country\_id)

*Long tag:* views\_cm\_03\_22\_country\_id

*Original tag:* country\_id

*Dataset citation:* Hegre et al. (2022)

*Description:*

VIEWS Country ID

#### 2.28.1.2 Month ID (month\_id)

*Long tag:* views\_cm\_03\_22\_month\_id

*Original tag:* month\_id

*Dataset citation:* Hegre et al. (2022)

*Description:*

A VIEWS month\_id, where month\_id is a sequence with 1 being January 1980.

**2.28.1.3 Country Name (name)***Long tag:* views\_cm\_03\_22\_name*Original tag:* name*Dataset citation:* Hegre et al. (2022)*Description:*

Country name

**2.28.1.4 GW Country Code (gwcode)***Long tag:* views\_cm\_03\_22\_gwcode*Original tag:* gwcode*Dataset citation:* Hegre et al. (2022)*Description:*

Gleditsch and Ward numeric Country Code

**2.28.1.5 ISO Code (isoab)***Long tag:* views\_cm\_03\_22\_isoab*Original tag:* isoab*Dataset citation:* Hegre et al. (2022)*Description:*

ISO 3-letter country code.

**2.28.1.6 Year (year)***Long tag:* views\_cm\_03\_22\_year*Original tag:* year*Dataset citation:* Hegre et al. (2022)*Description:*

Year for which scores are predicted.

**2.28.1.7 Month (month)***Long tag:* views\_cm\_03\_22\_month*Original tag:* month*Dataset citation:* Hegre et al. (2022)*Description:*

Month of the year for which scores are predicted.

**2.28.2 Predictions**

Variables in this section present the VIEWS predictions for state-based conflict over a rolling three-year forecasting window. The month and year listed in the dataset name(s) and dataset tag(s) refer to the last month of input data informing the predictions at hand.

**2.28.2.1 Country-month state-based fatalities predictions (sc\_cm\_sb\_main)***Long tag:* views\_cm\_03\_22\_sc\_cm\_sb\_main*Original tag:* sc\_cm\_sb\_main*Dataset citation:* Hegre et al. (2022)*Description:*

**Originating from:** Main ensemble model for number of fatalities in state-based conflict at the country-month level of analysis.

**Development ID:** fatalities001, please see  
<https://github.com/priodata/viewsforecasting/blob/main/CHANGELOG.md>.

**Outcome:** Continuous predictions for the number of fatalities per country-month in impending state-based conflict.

**Type of Violence:** State-based conflict, as defined and compiled by the Uppsala Conflict Data Program (Sundberg & Melander, 2013), please see <https://www.pcr.uu.se/research/ucdp/definitions/>.

**Level of Analysis:** Country-month. The set of countries is derived from the Gleditsch & Ward (1999) list of independent states, and their geographical extent from CShapes 0.6 (Weidmann, Kuse & Gleditsch, 2010).

**Description:** Predicted number of fatalities in impending conflict at country-month level of analysis, expressed in natural logged form plus 1  $[\ln(Y+1)]$ . The predictions are produced by a genetic ensemble trained for this type of violence and level of analysis. For more information about the ensemble and the current composition of its constituent models (sub-models), please see <https://github.com/prio-data/viewsforecasting/blob/main/CHANGELOG.md> and <https://www.divaportal.org/smash/get/diva2:1667048/FULLTEXT01.pdf>.

### 2.28.2.2 Country-month state-based dichotomous probability predictions (sc\_cm\_sb\_dich\_main)

*Long tag:* views\_cm\_03\_22\_sc\_cm\_sb\_dich\_main

*Original tag:* sc\_cm\_sb\_dich\_main

*Dataset citation:* Hegre et al. (2022)

*Description:*

**Originating from:** Main ensemble model for number of fatalities in state-based conflict at the country-month level of analysis.

**Development ID:** fatalities001, please see <https://github.com/prio-data/viewsforecasting/blob/main/CHANGELOG.md>.

**Outcome:** Dichotomous predictions for the probability of at least 25 BRDs per country-month in impending state-based conflict.

**Type of Violence:** State-based conflict, as defined and compiled by the Uppsala Conflict Data Program (Sundberg & Melander, 2013), please see <https://www.pcr.uu.se/research/ucdp/definitions/>.

**Level of Analysis:** Country-month. The set of countries is derived from the Gleditsch & Ward (1999) list of independent states, and their geographical extent from CShapes 0.6 (Weidmann, Kuse & Gleditsch, 2010).

**Description:** Predicted probability of at least 25 battle-related deaths (BRDs) per country-month, derived from the country-level ensemble predictions. For more information about the ensemble underlying these predictions (sc\_cm\_sb\_main) and the current composition of its constituent models (sub-models), please see <https://github.com/priodata/\viewsforecasting/blob/main/CHANGELOG.md> and <https://www.divaportal.org/smash/get/diva2:1667048/FULLTEXT01.pdf>.

## 2.29 VIEWS Country-Month Conflict Predictions (Last Input Data: March 2023)

*Dataset tag:* views\_cm\_03\_23

**Output Unit:** VIEWS Country-Month, i.e., data is predicted per country and month. This means that each row in the dataset can be identified through a combination of the variables country\_id

and month\_id.

Rows in the dataset can also be identified through a combination of month\_id and isoab, gwcode or name.

**Description:**

A global dataset containing the Violence Impacts Early-Warning System predictions for state-based conflict over a rolling three-year forecasting window. The month and year listed in the dataset name refer to the last month of input data informing the predictions. The forecasts are provided as point predictions for the number of people killed per country and month (expressed in natural logged form plus 1, i.e.  $\ln(\text{fatalities}+1)$ ).

**Dataset citation:**

Hegre, H. et al. (2022) ‘Forecasting fatalities’, Uppsala University, Technical report. URN: urn:nbn:se:uu:diva-476476.

Hegre, H. et al. (2021) ‘ViEWS2020: Revising and evaluating the ViEWS political Violence Early-Warning System’, *Journal of Peace Research*, 58(3), pp. 599–611. doi:10.1177/0022343320962157.

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More detailed information on the dataset can be found at the following web page:

<https://viewsforecasting.org/resources/#downloads>

and

<https://viewsforecasting.org/methodology/definitions/>

## 2.29.1 Identifier Variables

Variables or combination of variables in this section identify rows in the dataset.

### 2.29.1.1 Country ID (country\_id)

*Long tag:* views\_cm\_03\_23\_country\_id

*Original tag:* country\_id

*Dataset citation:* Hegre et al. (2022)

*Description:*

VIEWS Country ID

### 2.29.1.2 Month ID (month\_id)

*Long tag:* views\_cm\_03\_23\_month\_id

*Original tag:* month\_id

*Dataset citation:* Hegre et al. (2022)

*Description:*

A VIEWS month\_id, where month\_id is a sequence with 1 being January 1980.

### 2.29.1.3 Country Name (name)

*Long tag:* views\_cm\_03\_23\_name

*Original tag:* name

*Dataset citation:* Hegre et al. (2022)

*Description:*

Country name

### 2.29.1.4 GW Country Code (gwcode)

*Long tag:* views\_cm\_03\_23\_gwcode

*Original tag:* gwcode

*Dataset citation:* Hegre et al. (2022)

*Description:*

Gleditsch and Ward numeric Country Code

#### 2.29.1.5 ISO Code (isoab)

*Long tag:* views\_cm\_03\_23\_isoab

*Original tag:* isoab

*Dataset citation:* Hegre et al. (2022)

*Description:*

ISO 3-letter country code.

#### 2.29.1.6 Year (year)

*Long tag:* views\_cm\_03\_23\_year

*Original tag:* year

*Dataset citation:* Hegre et al. (2022)

*Description:*

Year for which scores are predicted.

#### 2.29.1.7 Month (month)

*Long tag:* views\_cm\_03\_23\_month

*Original tag:* month

*Dataset citation:* Hegre et al. (2022)

*Description:*

Month of the year for which scores are predicted.

### 2.29.2 Predictions

Variables in this section present the VIEWS predictions for state-based conflict over a rolling three-year forecasting window. The month and year listed in the dataset name(s) and dataset tag(s) refer to the last month of input data informing the predictions at hand. To learn about the type(s) of violence predicted in the VIEWS datasets, and the level(s) of analysis for which they are presented, please visit <https://viewsforecasting.org/methodology/definitions/>.

#### 2.29.2.1 Country-month state-based fatalities predictions (sc\_cm\_sb\_main)

*Long tag:* views\_cm\_03\_23\_sc\_cm\_sb\_main

*Original tag:* sc\_cm\_sb\_main

*Dataset citation:* Hegre et al. (2022)

*Description:*

**Originating from:** Main ensemble model for number of fatalities in state-based conflict at the country-month level of analysis.

**Development ID:** fatalities001, please see <https://github.com/priodata/viewsforecasting/blob/main/CHANGELOG.md>.

**Outcome:** Continuous predictions for the number of fatalities per country-month in impending state-based conflict.

**Type of Violence:** State-based conflict, as defined and compiled by the Uppsala Conflict Data Program (Sundberg & Melander, 2013), please see <https://www.pcr.uu.se/research/ucdp/definitions/>.

**Level of Analysis:** Country-month. The set of countries is derived from the Gleditsch & Ward (1999) list of independent states, and their geographical extent from CShapes



0.6 (Weidmann, Kuse & Gleditsch, 2010).

**Description:** Predicted number of fatalities in impending conflict at country-month level of analysis, expressed in natural logged form plus 1  $[\ln(Y+1)]$ . The predictions are produced by a genetic ensemble trained for this type of violence and level of analysis. For more information about the ensemble and the current composition of its constituent models (sub-models), please see <https://github.com/prio-data/viewsforecasting/blob/main/CHANGELOG.md> and <https://www.divaportal.org/smash/get/diva2:1667048/FULLTEXT01.pdf>.

### 2.29.2.2 Country-month state-based dichotomous probability predictions (sc\_cm\_sb\_dich\_main)

*Long tag:* views\_cm\_03\_23\_sc\_cm\_sb\_dich\_main

*Original tag:* sc\_cm\_sb\_dich\_main

*Dataset citation:* Hegre et al. (2022)

*Description:*

**Originating from:** Main ensemble model for number of fatalities in state-based conflict at the country-month level of analysis.

**Development ID:** fatalities001, please see <https://github.com/prio-data/viewsforecasting/blob/main/CHANGELOG.md>.

**Outcome:** Dichotomous predictions for the probability of at least 25 BRDs per country-month in impending state-based conflict.

**Type of Violence:** State-based conflict, as defined and compiled by the Uppsala Conflict Data Program (Sundberg & Melander, 2013), please see <https://www.pcr.uu.se/research/ucdp/definitions/>.

**Level of Analysis:** Country-month. The set of countries is derived from the Gleditsch & Ward (1999) list of independent states, and their geographical extent from CShapes 0.6 (Weidmann, Kuse & Gleditsch, 2010).

**Description:** Predicted probability of at least 25 battle-related deaths (BRDs) per country-month, derived from the country-level ensemble predictions. For more information about the ensemble underlying these predictions (sc\_cm\_sb\_main) and the current composition of its constituent models (sub-models), please see <https://github.com/priodata/viewsforecasting/blob/main/CHANGELOG.md> and <https://www.divaportal.org/smash/get/diva2:1667048/FULLTEXT01.pdf>.

## 2.30 VIEWS Country-Month Conflict Predictions (Last Input Data: March 2024)

*Dataset tag:* views\_cm\_03\_24

**Output Unit:** VIEWS Country-Month, i.e., data is predicted per country and month. This means that each row in the dataset can be identified through a combination of the variables country\_id and month\_id. Rows in the dataset can also be identified through a combination of month\_id and isoab, gwcode or name.

*Description:*

A global dataset containing the Violence and Impacts Early-Warning System predictions for state-based conflict per country and month over a rolling three-year forecasting window. The month and year listed in the dataset name refer to the last month of input data informing the predictions. The forecasts are provided as point predictions for the number of people that will be killed per country and month (expressed in both logged and non-logged form), as well as in the form of dichotomous predictions for the probability that at least 25 battle-related deaths will be reached or

exceeded in any country-month).

**Dataset citation:**

Hegre, H. et al. (2022) ‘Forecasting fatalities’, Uppsala University, Technical report. URN: urn:nbn:se:uu:diva-476476.

Hegre, H. et al. (2021) ‘ViEWS2020: Revising and evaluating the ViEWS political Violence Early-Warning System’, *Journal of Peace Research*, 58(3), pp. 599–611. doi:10.1177/0022343320962157.

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More detailed information on the dataset can be found at the following web page:

<https://viewsforecasting.org/resources/#downloads>

and

<https://viewsforecasting.org/methodology/definitions/>

### 2.30.1 Identifier

These variables identify rows in the dataset.

#### 2.30.1.1 Country ID (country\_id)

*Long tag:* views\_cm\_03\_24\_country\_id

*Original tag:* country\_id

*Dataset citation:* Hegre et al. (2022)

*Description:*

VIEWS Country ID

#### 2.30.1.2 Month ID (month\_id)

*Long tag:* views\_cm\_03\_24\_month\_id

*Original tag:* month\_id

*Dataset citation:* Hegre et al. (2022)

*Description:*

A VIEWS month\_id, where month\_id is a sequence with 1 being January 1980.

#### 2.30.1.3 Country Name (name)

*Long tag:* views\_cm\_03\_24\_name

*Original tag:* name

*Dataset citation:* Hegre et al. (2022)

*Description:*

Country name

#### 2.30.1.4 GW Country Code (gwcode)

*Long tag:* views\_cm\_03\_24\_gwcode

*Original tag:* gwcode

*Dataset citation:* Hegre et al. (2022)

*Description:*

Gleditsch and Ward numeric Country Code

#### 2.30.1.5 ISO Code (isoab)

*Long tag:* views\_cm\_03\_24\_isoab

*Original tag:* isoab

*Dataset citation:* Hegre et al. (2022)

*Description:*

ISO 3-letter country code.

**2.30.1.6 Year (year)**

*Long tag:* views\_cm\_03\_24\_year

*Original tag:* year

*Dataset citation:* Hegre et al. (2022)

*Description:*

Year for which scores are predicted.

**2.30.1.7 Month (month)**

*Long tag:* views\_cm\_03\_24\_month

*Original tag:* month

*Dataset citation:* Hegre et al. (2022)

*Description:*

Month of the year for which scores are predicted.

**2.30.2 Predictions**

Variables in this section present the VIEWS predictions for state-based conflict over a rolling three-year forecasting window. The month and year listed in the dataset name(s) and dataset tag(s) refer to the last month of input data informing the predictions at hand.

**2.30.2.1 Predicted log number of fatalities (main\_mean\_ln)**

*Long tag:* views\_cm\_03\_24\_main\_mean\_ln

*Original tag:* main\_mean\_ln

*Dataset citation:* Hegre et al. (2022)

*Description:*

Point prediction of the log number of fatalities in impending conflict, presented per type of violence and level of analysis. Expressed in natural logged form plus 1  $[\ln(Y+1)]$ .

**2.30.2.2 Predicted number of fatalities (main\_mean)**

*Long tag:* views\_cm\_03\_24\_main\_mean

*Original tag:* main\_mean

*Dataset citation:* Hegre et al. (2022)

*Description:*

Point prediction of the number of fatalities in impending conflict, presented per type of violence and level of analysis.

**2.30.2.3 Predicted probability of conflict (main\_dich)**

*Long tag:* views\_cm\_03\_24\_main\_dich

*Original tag:* main\_dich

*Dataset citation:* Hegre et al. (2022)

*Description:*

Predicted probability of at least 25 battle-related deaths (BRDs) per country-month. Estimated from the ensemble model results of the VIEWS model for the applicable type of violence and level of analysis.

## 2.31 VIEWS Country-Month Conflict Predictions (Last Input Data: April 2022)

**Dataset tag:** `views_cm_04_22`

**Output Unit:** VIEWS Country-Month, i.e., data is predicted per country and month. This means that each row in the dataset can be identified through a combination of the variables `country_id` and `month_id`.

Rows in the dataset can also be identified through a combination of `month_id` and `isoab`, `gocode` or `name`.

### **Description:**

A global dataset containing the Violence Impacts Early-Warning System predictions for state-based conflict over a rolling three-year forecasting window. The month and year listed in the dataset name refer to the last month of input data informing the predictions. The forecasts are provided as point predictions for the number of people killed per country and month (expressed in natural logged form plus 1, i.e.  $\ln(\text{fatalities}+1)$ ).

### **Dataset citation:**

Hegre, H. et al. (2022) 'Forecasting fatalities', Uppsala University, Technical report. URN: [urn:nbn:se:uu:diva-476476](https://nbn-resolving.org/urn:nbn:se:uu:diva-476476).

Hegre, H. et al. (2021) 'ViEWS2020: Revising and evaluating the ViEWS political Violence Early-Warning System', *Journal of Peace Research*, 58(3), pp. 599–611. doi:10.1177/0022343320962157.

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More detailed information on the dataset can be found at the following web page: <https://viewsforecasting.org/resources/#downloads> and <https://viewsforecasting.org/methodology/definitions/>

### 2.31.1 Identifier Variables

Variables or combination of variables in this section identify rows in the dataset.

#### 2.31.1.1 Country ID (`country_id`)

*Long tag:* `views_cm_04_22_country_id`

*Original tag:* `country_id`

*Dataset citation:* Hegre et al. (2022)

*Description:*

VIEWS Country ID

#### 2.31.1.2 Month ID (`month_id`)

*Long tag:* `views_cm_04_22_month_id`

*Original tag:* `month_id`

*Dataset citation:* Hegre et al. (2022)

*Description:*

A VIEWS `month_id`, where `month_id` is a sequence with 1 being January 1980.

#### 2.31.1.3 Country Name (`name`)

*Long tag:* `views_cm_04_22_name`

*Original tag:* `name`

*Dataset citation:* Hegre et al. (2022)

*Description:*

Country name

**2.31.1.4 GW Country Code (gwcode)***Long tag:* views\_cm\_04\_22\_gwcode*Original tag:* gwcode*Dataset citation:* Hegre et al. (2022)*Description:*

Gleditsch and Ward numeric Country Code

**2.31.1.5 ISO Code (isoab)***Long tag:* views\_cm\_04\_22\_isoab*Original tag:* isoab*Dataset citation:* Hegre et al. (2022)*Description:*

ISO 3-letter country code.

**2.31.1.6 Year (year)***Long tag:* views\_cm\_04\_22\_year*Original tag:* year*Dataset citation:* Hegre et al. (2022)*Description:*

Year for which scores are predicted.

**2.31.1.7 Month (month)***Long tag:* views\_cm\_04\_22\_month*Original tag:* month*Dataset citation:* Hegre et al. (2022)*Description:*

Month of the year for which scores are predicted.

**2.31.2 Predictions**

Variables in this section present the VIEWS predictions for state-based conflict over a rolling three-year forecasting window. The month and year listed in the dataset name(s) and dataset tag(s) refer to the last month of input data informing the predictions at hand.

**2.31.2.1 Country-month state-based fatalities predictions (sc\_cm\_sb\_main)***Long tag:* views\_cm\_04\_22\_sc\_cm\_sb\_main*Original tag:* sc\_cm\_sb\_main*Dataset citation:* Hegre et al. (2022)*Description:*

**Originating from:** Main ensemble model for number of fatalities in state-based conflict at the country-month level of analysis.

**Development ID:** fatalities001, please see <https://github.com/priodata/viewsforecasting/blob/main/CHANGELOG.md>.

**Outcome:** Continuous predictions for the number of fatalities per country-month in impending state-based conflict.

**Type of Violence:** State-based conflict, as defined and compiled by the Uppsala Conflict

Data Program (Sundberg & Melander, 2013), please see <https://www.pcr.uu.se/research/ucdp/definitions/>.

**Level of Analysis:** Country-month. The set of countries is derived from the Gleditsch & Ward (1999) list of independent states, and their geographical extent from CShapes 0.6 (Weidmann, Kuse & Gleditsch, 2010).

**Description:** Predicted number of fatalities in impending conflict at country-month level of analysis, expressed in natural logged form plus 1  $[\ln(Y+1)]$ . The predictions are produced by a genetic ensemble trained for this type of violence and level of analysis. For more information about the ensemble and the current composition of its constituent models (sub-models), please see <https://github.com/prio-data/viewsforecasting/blob/main/CHANGELOG.md> and <https://www.divaportal.org/smash/get/diva2:1667048/FULLTEXT01.pdf>.

### 2.31.2.2 Country-month state-based dichotomous probability predictions (sc\_cm\_sb\_dich\_main)

*Long tag:* views\_cm\_04\_22\_sc\_cm\_sb\_dich\_main

*Original tag:* sc\_cm\_sb\_dich\_main

*Dataset citation:* Hegre et al. (2022)

*Description:*

**Originating from:** Main ensemble model for number of fatalities in state-based conflict at the country-month level of analysis.

**Development ID:** fatalities001, please see <https://github.com/prio-data/viewsforecasting/blob/main/CHANGELOG.md>.

**Outcome:** Dichotomous predictions for the probability of at least 25 BRDs per country-month in impending state-based conflict.

**Type of Violence:** State-based conflict, as defined and compiled by the Uppsala Conflict Data Program (Sundberg & Melander, 2013), please see <https://www.pcr.uu.se/research/ucdp/definitions/>.

**Level of Analysis:** Country-month. The set of countries is derived from the Gleditsch & Ward (1999) list of independent states, and their geographical extent from CShapes 0.6 (Weidmann, Kuse & Gleditsch, 2010).

**Description:** Predicted probability of at least 25 battle-related deaths (BRDs) per country-month, derived from the country-level ensemble predictions. For more information about the ensemble underlying these predictions (sc\_cm\_sb\_main) and the current composition of its constituent models (sub-models), please see <https://github.com/priodata/viewsforecasting/blob/main/CHANGELOG.md> and <https://www.divaportal.org/smash/get/diva2:1667048/FULLTEXT01.pdf>.

## 2.32 VIEWS Country-Month Conflict Predictions (Last Input Data: April 2023)

*Dataset tag:* views\_cm\_04\_23

**Output Unit:** VIEWS Country-Month, i.e., data is predicted per country and month. This means that each row in the dataset can be identified through a combination of the variables country\_id and month\_id.

Rows in the dataset can also be identified through a combination of month\_id and isoab, gwcode or name.

**Description:**

A global dataset containing the Violence and Impacts Early-Warning System predictions for state-based conflict per country and month over a rolling three-year forecasting window. The month and year listed in the dataset name refer to the last month of input data informing the predictions. The forecasts are provided as point predictions for the number of people that will be killed per country and month (expressed in both logged and non-logged form), as well as in the form of dichotomous predictions for the probability that at least 25 battle-related deaths will be reached or exceeded in any country-month).

**Dataset citation:**

Hegre, H. et al. (2022) 'Forecasting fatalities', Uppsala University, Technical report. URN: urn:nbn:se:uu:diva-476476.

Hegre, H. et al. (2021) 'ViEWS2020: Revising and evaluating the ViEWS political Violence Early-Warning System', *Journal of Peace Research*, 58(3), pp. 599–611. doi:10.1177/0022343320962157.

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More detailed information on the dataset can be found at the following web page:  
<https://viewsforecasting.org/resources/#downloads> and  
<https://viewsforecasting.org/methodology/definitions/>

**2.32.1 Identifier Variables**

Variables or combination of variables in this section identify rows in the dataset.

**2.32.1.1 Country ID (country\_id)**

*Long tag:* views\_cm\_04\_23\_country\_id

*Original tag:* country\_id

*Dataset citation:* Hegre et al. (2022)

*Description:*

VIEWS Country ID

**2.32.1.2 Month ID (month\_id)**

*Long tag:* views\_cm\_04\_23\_month\_id

*Original tag:* month\_id

*Dataset citation:* Hegre et al. (2022)

*Description:*

A VIEWS month\_id, where month\_id is a sequence with 1 being January 1980.

**2.32.1.3 Country Name (name)**

*Long tag:* views\_cm\_04\_23\_name

*Original tag:* name

*Dataset citation:* Hegre et al. (2022)

*Description:*

Country name

**2.32.1.4 GW Country Code (gwcode)**

*Long tag:* views\_cm\_04\_23\_gwcode

*Original tag:* gwcode

*Dataset citation:* Hegre et al. (2022)

*Description:*

Gleditsch and Ward numeric Country Code

**2.32.1.5 ISO Code (isoab)**

*Long tag:* views\_cm\_04\_23\_isoab

*Original tag:* isoab

*Dataset citation:* Hegre et al. (2022)

*Description:*

ISO 3-letter country code.

**2.32.1.6 Year (year)**

*Long tag:* views\_cm\_04\_23\_year

*Original tag:* year

*Dataset citation:* Hegre et al. (2022)

*Description:*

Year for which scores are predicted.

**2.32.1.7 Month (month)**

*Long tag:* views\_cm\_04\_23\_month

*Original tag:* month

*Dataset citation:* Hegre et al. (2022)

*Description:*

Month of the year for which scores are predicted.

**2.32.2 Predictions**

Variables in this section present the VIEWS predictions for state-based conflict over a rolling three-year forecasting window. The month and year listed in the dataset name(s) and dataset tag(s) refer to the last month of input data informing the predictions at hand. To learn about the type(s) of violence predicted in the VIEWS datasets, and the level(s) of analysis for which they are presented, please visit <https://viewsforecasting.org/methodology/definitions/>.

**2.32.2.1 Predicted log number of fatalities (main\_mean\_ln)**

*Long tag:* views\_cm\_04\_23\_main\_mean\_ln

*Original tag:* main\_mean\_ln

*Dataset citation:* Hegre et al. (2022)

*Description:*

Point prediction of the log number of fatalities in impending conflict, presented per type of violence and level of analysis. Expressed in natural logged form plus 1 [ $\ln(Y+1)$ ].

**2.32.2.2 Predicted number of fatalities (main\_mean)**

*Long tag:* views\_cm\_04\_23\_main\_mean

*Original tag:* main\_mean

*Dataset citation:* Hegre et al. (2022)

*Description:*

Point prediction of the number of fatalities in impending conflict, presented per type of violence and level of analysis.

**2.32.2.3 Predicted probability of conflict (main\_dich)**

*Long tag:* views\_cm\_04\_23\_main\_dich



*Original tag:* main\_dich

*Dataset citation:* Hegre et al. (2022)

*Description:*

Predicted probability of at least 25 battle-related deaths (BRDs) per country-month. Estimated from the ensemble model results of the VIEWS model for the applicable type of violence and level of analysis.

## 2.33 VIEWS Country-Month Conflict Predictions (Last Input Data: April 2024)

**Dataset tag:** views\_cm\_04\_24

**Output Unit:** VIEWS Country-Month, i.e., data is predicted per country and month. This means that each row in the dataset can be identified through a combination of the variables country\_id and month\_id. Rows in the dataset can also be identified through a combination of month\_id and isoab, gwcode or name.

**Description:**

A global dataset containing the Violence and Impacts Early-Warning System predictions for state-based conflict per country and month over a rolling three-year forecasting window. The month and year listed in the dataset name refer to the last month of input data informing the predictions. The forecasts are provided as point predictions for the number of people that will be killed per country and month (expressed in both logged and non-logged form), as well as in the form of dichotomous predictions for the probability that at least 25 battle-related deaths will be reached or exceeded in any country-month).

**Dataset citation:**

Hegre, H. et al. (2022) 'Forecasting fatalities', Uppsala University, Technical report. URN: urn:nbn:se:uu:diva-476476.

Hegre, H. et al. (2021) 'ViEWS2020: Revising and evaluating the ViEWS political Violence Early-Warning System', *Journal of Peace Research*, 58(3), pp. 599–611. doi:10.1177/0022343320962157.

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More detailed information on the dataset can be found at the following web page: <https://viewsforecasting.org/resources/#downloads> and <https://viewsforecasting.org/methodology/definitions/>

### 2.33.1 Identifier

These variables identify rows in the dataset.

#### 2.33.1.1 Country ID (country\_id)

*Long tag:* views\_cm\_04\_24\_country\_id

*Original tag:* country\_id

*Dataset citation:* Hegre et al. (2022)

*Description:*

VIEWS Country ID

#### 2.33.1.2 Month ID (month\_id)

*Long tag:* views\_cm\_04\_24\_month\_id

*Original tag:* month\_id

*Dataset citation:* Hegre et al. (2022)

*Description:*

A VIEWS month\_id, where month\_id is a sequence with 1 being January 1980.

**2.33.1.3 Country Name (name)**

*Long tag:* views\_cm\_04\_24\_name

*Original tag:* name

*Dataset citation:* Hegre et al. (2022)

*Description:*

Country name

**2.33.1.4 GW Country Code (gwcode)**

*Long tag:* views\_cm\_04\_24\_gwcode

*Original tag:* gwcode

*Dataset citation:* Hegre et al. (2022)

*Description:*

Gleditsch and Ward numeric Country Code

**2.33.1.5 ISO Code (isoab)**

*Long tag:* views\_cm\_04\_24\_isoab

*Original tag:* isoab

*Dataset citation:* Hegre et al. (2022)

*Description:*

ISO 3-letter country code.

**2.33.1.6 Year (year)**

*Long tag:* views\_cm\_04\_24\_year

*Original tag:* year

*Dataset citation:* Hegre et al. (2022)

*Description:*

Year for which scores are predicted.

**2.33.1.7 Month (month)**

*Long tag:* views\_cm\_04\_24\_month

*Original tag:* month

*Dataset citation:* Hegre et al. (2022)

*Description:*

Month of the year for which scores are predicted.

**2.33.2 Predictions**

Variables in this section present the VIEWS predictions for state-based conflict over a rolling three-year forecasting window. The month and year listed in the dataset name(s) and dataset tag(s) refer to the last month of input data informing the predictions at hand.

**2.33.2.1 Predicted log number of fatalities (main\_mean\_ln)**

*Long tag:* views\_cm\_04\_24\_main\_mean\_ln

*Original tag:* main\_mean\_ln

*Dataset citation:* Hegre et al. (2022)

*Description:*

Point prediction of the log number of fatalities in impending conflict, presented per type of

violence and level of analysis. Expressed in natural logged form plus 1  $[\ln(Y+1)]$ .

### 2.33.2.2 Predicted number of fatalities (main\_mean)

*Long tag:* views\_cm\_04\_24\_main\_mean

*Original tag:* main\_mean

*Dataset citation:* Hegre et al. (2022)

*Description:*

Point prediction of the number of fatalities in impending conflict, presented per type of violence and level of analysis.

### 2.33.2.3 Predicted probability of conflict (main\_dich)

*Long tag:* views\_cm\_04\_24\_main\_dich

*Original tag:* main\_dich

*Dataset citation:* Hegre et al. (2022)

*Description:*

Predicted probability of at least 25 battle-related deaths (BRDs) per country-month. Estimated from the ensemble model results of the VIEWS model for the applicable type of violence and level of analysis.

## 2.34 VIEWS Country-Month Conflict Predictions (Last Input Data: May 2022)

*Dataset tag:* views\_cm\_05\_22

**Output Unit:** VIEWS Country-Month, i.e., data is predicted per country and month. This means that each row in the dataset can be identified through a combination of the variables country\_id and month\_id.

Rows in the dataset can also be identified through a combination of month\_id and isoab, gwcode or name.

**Description:**

A global dataset containing the Violence Impacts Early-Warning System predictions for state-based conflict over a rolling three-year forecasting window. The month and year listed in the dataset name refer to the last month of input data informing the predictions. The forecasts are provided as point predictions for the number of people killed per country and month (expressed in natural logged form plus 1, i.e.  $\ln(\text{fatalities}+1)$ ).

**Dataset citation:**

Hegre, H. et al. (2022) 'Forecasting fatalities', Uppsala University, Technical report. URN: urn:nbn:se:uu:diva-476476.

Hegre, H. et al. (2021) 'ViEWS2020: Revising and evaluating the ViEWS political Violence Early-Warning System', *Journal of Peace Research*, 58(3), pp. 599–611. doi:10.1177/0022343320962157.

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More detailed information on the dataset can be found at the following web page:  
<https://viewsforecasting.org/resources/#downloads> and  
<https://viewsforecasting.org/methodology/definitions/>

### 2.34.1 Identifier Variables

Variables or combination of variables in this section identify rows in the dataset.

#### 2.34.1.1 Country ID (`country_id`)

*Long tag:* `views_cm_05_22_country_id`

*Original tag:* `country_id`

*Dataset citation:* Hegre et al. (2022)

*Description:*

VIEWS Country ID

#### 2.34.1.2 Month ID (`month_id`)

*Long tag:* `views_cm_05_22_month_id`

*Original tag:* `month_id`

*Dataset citation:* Hegre et al. (2022)

*Description:*

A VIEWS `month_id`, where `month_id` is a sequence with 1 being January 1980.

#### 2.34.1.3 Country Name (`name`)

*Long tag:* `views_cm_05_22_name`

*Original tag:* `name`

*Dataset citation:* Hegre et al. (2022)

*Description:*

Country name

#### 2.34.1.4 GW Country Code (`gwcode`)

*Long tag:* `views_cm_05_22_gwcode`

*Original tag:* `gwcode`

*Dataset citation:* Hegre et al. (2022)

*Description:*

Gleditsch and Ward numeric Country Code

#### 2.34.1.5 ISO Code (`isoab`)

*Long tag:* `views_cm_05_22_isoab`

*Original tag:* `isoab`

*Dataset citation:* Hegre et al. (2022)

*Description:*

ISO 3-letter country code.

#### 2.34.1.6 Year (`year`)

*Long tag:* `views_cm_05_22_year`

*Original tag:* `year`

*Dataset citation:* Hegre et al. (2022)

*Description:*

Year for which scores are predicted.

#### 2.34.1.7 Month (`month`)

*Long tag:* `views_cm_05_22_month`

*Original tag:* `month`

*Dataset citation:* Hegre et al. (2022)

*Description:*

Month of the year for which scores are predicted.

**2.34.2 Predictions**

Variables in this section present the VIEWS predictions for state-based conflict over a rolling three-year forecasting window. The month and year listed in the dataset name(s) and dataset tag(s) refer to the last month of input data informing the predictions at hand.

**2.34.2.1 Country-month state-based fatalities predictions (sc\_cm\_sb\_main)**

*Long tag:* views\_cm\_05\_22\_sc\_cm\_sb\_main

*Original tag:* sc\_cm\_sb\_main

*Dataset citation:* Hegre et al. (2022)

*Description:*

**Originating from:** Main ensemble model for number of fatalities in state-based conflict at the country-month level of analysis.

**Development ID:** fatalities001, please see <https://github.com/priodata/viewforecasting/blob/main/CHANGELOG.md>.

**Outcome:** Continuous predictions for the number of fatalities per country-month in impending state-based conflict.

**Type of Violence:** State-based conflict, as defined and compiled by the Uppsala Conflict Data Program (Sundberg & Melander, 2013), please see <https://www.pcr.uu.se/research/ucdp/definitions/>.

**Level of Analysis:** Country-month. The set of countries is derived from the Gleditsch & Ward (1999) list of independent states, and their geographical extent from CShapes 0.6 (Weidmann, Kuse & Gleditsch, 2010).

**Description:** Predicted number of fatalities in impending conflict at country-month level of analysis, expressed in natural logged form plus 1  $[\ln(Y+1)]$ . The predictions are produced by a genetic ensemble trained for this type of violence and level of analysis. For more information about the ensemble and the current composition of its constituent models (sub-models), please see <https://github.com/prio-data/viewforecasting/blob/main/CHANGELOG.md> and <https://www.divaportal.org/smash/get/diva2:1667048/FULLTEXT01.pdf>.

**2.34.2.2 Country-month state-based dichotomous probability predictions (sc\_cm\_sb\_dich\_main)**

*Long tag:* views\_cm\_05\_22\_sc\_cm\_sb\_dich\_main

*Original tag:* sc\_cm\_sb\_dich\_main

*Dataset citation:* Hegre et al. (2022)

*Description:*

**Originating from:** Main ensemble model for number of fatalities in state-based conflict at the country-month level of analysis.

**Development ID:** fatalities001, please see <https://github.com/prio-data/viewforecasting/blob/main/CHANGELOG.md>.

**Outcome:** Dichotomous predictions for the probability of at least 25 BRDs per country-month in impending state-based conflict.

**Type of Violence:** State-based conflict, as defined and compiled by the Uppsala Conflict Data Program (Sundberg & Melander, 2013), please see

<https://www.pcr.uu.se/research/ucdp/definitions/>.

**Level of Analysis:** Country-month. The set of countries is derived from the Gleditsch & Ward (1999) list of independent states, and their geographical extent from CShapes 0.6 (Weidmann, Kuse & Gleditsch, 2010).

**Description:** Predicted probability of at least 25 battle-related deaths (BRDs) per country-month, derived from the country-level ensemble predictions. For more information about the ensemble underlying these predictions (sc\_cm\_sb\_main) and the current composition of its constituent models (sub-models), please see <https://github.com/priodata/viewsforecasting/blob/main/CHANGELOG.md> and <https://www.divaportal.org/smash/get/diva2:1667048/FULLTEXT01.pdf>.

## 2.35 VIEWS Country-Month Conflict Predictions (Last Input Data: May 2023)

**Dataset tag:** views\_cm\_05\_23

**Output Unit:** VIEWS Country-Month, i.e., data is predicted per country and month. This means that each row in the dataset can be identified through a combination of the variables country\_id and month\_id.

Rows in the dataset can also be identified through a combination of month\_id and isoab, gwcode or name.

### **Description:**

A global dataset containing the Violence and Impacts Early-Warning System predictions for state-based conflict per country and month over a rolling three-year forecasting window. The month and year listed in the dataset name refer to the last month of input data informing the predictions. The forecasts are provided as point predictions for the number of people that will be killed per country and month (expressed in both logged and non-logged form), as well as in the form of dichotomous predictions for the probability that at least 25 battle-related deaths will be reached or exceeded in any country-month).

### **Dataset citation:**

Hegre, H. et al. (2022) 'Forecasting fatalities', Uppsala University, Technical report. URN: urn:nbn:se:uu:diva-476476.

Hegre, H. et al. (2021) 'ViEWS2020: Revising and evaluating the ViEWS political Violence Early-Warning System', *Journal of Peace Research*, 58(3), pp. 599–611. doi:10.1177/0022343320962157.

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More detailed information on the dataset can be found at the following web page: <https://viewsforecasting.org/resources/#downloads> and <https://viewsforecasting.org/methodology/definitions/>

### 2.35.1 Identifier Variables

Variables or combination of variables in this section identify rows in the dataset.

#### 2.35.1.1 Country ID (country\_id)

*Long tag:* views\_cm\_05\_23\_country\_id

*Original tag:* country\_id

*Dataset citation:* Hegre et al. (2022)

*Description:*

VIEWS Country ID

**2.35.1.2 Month ID (month\_id)***Long tag:* views\_cm\_05\_23\_month\_id*Original tag:* month\_id*Dataset citation:* Hegre et al. (2022)*Description:*

A VIEWS month\_id, where month\_id is a sequence with 1 being January 1980.

**2.35.1.3 Country Name (name)***Long tag:* views\_cm\_05\_23\_name*Original tag:* name*Dataset citation:* Hegre et al. (2022)*Description:*

Country name

**2.35.1.4 GW Country Code (gwcode)***Long tag:* views\_cm\_05\_23\_gwcode*Original tag:* gwcode*Dataset citation:* Hegre et al. (2022)*Description:*

Gleditsch and Ward numeric Country Code

**2.35.1.5 ISO Code (isoab)***Long tag:* views\_cm\_05\_23\_isoab*Original tag:* isoab*Dataset citation:* Hegre et al. (2022)*Description:*

ISO 3-letter country code.

**2.35.1.6 Year (year)***Long tag:* views\_cm\_05\_23\_year*Original tag:* year*Dataset citation:* Hegre et al. (2022)*Description:*

Year for which scores are predicted.

**2.35.1.7 Month (month)***Long tag:* views\_cm\_05\_23\_month*Original tag:* month*Dataset citation:* Hegre et al. (2022)*Description:*

Month of the year for which scores are predicted.

**2.35.2 Predictions**

Variables in this section present the VIEWS predictions for state-based conflict over a rolling three-year forecasting window. The month and year listed in the dataset name(s) and dataset tag(s) refer to the last month of input data informing the predictions at hand. To learn about the type(s) of

violence predicted in the VIEWS datasets, and the level(s) of analysis for which they are presented, please visit <https://viewsforecasting.org/methodology/definitions/>.

### 2.35.2.1 Predicted log number of fatalities (main\_mean\_ln)

*Long tag:* views\_cm\_05\_23\_main\_mean\_ln

*Original tag:* main\_mean\_ln

*Dataset citation:* Hegre et al. (2022)

*Description:*

Point prediction of the log number of fatalities in impending conflict, presented per type of violence and level of analysis. Expressed in natural logged form plus 1 [ $\ln(Y+1)$ ].

### 2.35.2.2 Predicted number of fatalities (main\_mean)

*Long tag:* views\_cm\_05\_23\_main\_mean

*Original tag:* main\_mean

*Dataset citation:* Hegre et al. (2022)

*Description:*

Point prediction of the number of fatalities in impending conflict, presented per type of violence and level of analysis.

### 2.35.2.3 Predicted probability of conflict (main\_dich)

*Long tag:* views\_cm\_05\_23\_main\_dich

*Original tag:* main\_dich

*Dataset citation:* Hegre et al. (2022)

*Description:*

Predicted probability of at least 25 battle-related deaths (BRDs) per country-month. Estimated from the ensemble model results of the VIEWS model for the applicable type of violence and level of analysis.

## 2.36 VIEWS Country-Month Conflict Predictions (Last Input Data: May 2024)

*Dataset tag:* views\_cm\_05\_24

**Output Unit:** VIEWS Country-Month, i.e., data is predicted per country and month. This means that each row in the dataset can be identified through a combination of the variables `country_id` and `month_id`. Rows in the dataset can also be identified through a combination of `month_id` and `isoab`, `gwcode` or `name`.

**Description:**

A global dataset containing the Violence and Impacts Early-Warning System predictions for state-based conflict per country and month over a rolling three-year forecasting window. The month and year listed in the dataset name refer to the last month of input data informing the predictions. The forecasts are provided as point predictions for the number of people that will be killed per country and month (expressed in both logged and non-logged form), as well as in the form of dichotomous predictions for the probability that at least 25 battle-related deaths will be reached or exceeded in any country-month).

**Dataset citation:**

Hegre, H. et al. (2022) 'Forecasting fatalities', Uppsala University, Technical report. URN: urn:nbn:se:uu:diva-476476.

Hegre, H. et al. (2021) 'ViEWS2020: Revising and evaluating the ViEWS political Violence Early-Warning System', *Journal of Peace Research*, 58(3), pp. 599–611. doi:10.1177/0022343320962157.



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More detailed information on the dataset can be found at the following web page:

<https://viewsforecasting.org/resources/#downloads>

and

<https://viewsforecasting.org/methodology/definitions/>

### 2.36.1 Identifier

These variables identify rows in the dataset.

#### 2.36.1.1 Country ID (`country_id`)

*Long tag:* `views_cm_05_24_country_id`

*Original tag:* `country_id`

*Dataset citation:* Hegre et al. (2022)

*Description:*

VIEWS Country ID

#### 2.36.1.2 Month ID (`month_id`)

*Long tag:* `views_cm_05_24_month_id`

*Original tag:* `month_id`

*Dataset citation:* Hegre et al. (2022)

*Description:*

A VIEWS `month_id`, where `month_id` is a sequence with 1 being January 1980.

#### 2.36.1.3 Country Name (`name`)

*Long tag:* `views_cm_05_24_name`

*Original tag:* `name`

*Dataset citation:* Hegre et al. (2022)

*Description:*

Country name

#### 2.36.1.4 GW Country Code (`gwcode`)

*Long tag:* `views_cm_05_24_gwcode`

*Original tag:* `gwcode`

*Dataset citation:* Hegre et al. (2022)

*Description:*

Gleditsch and Ward numeric Country Code

#### 2.36.1.5 ISO Code (`isoab`)

*Long tag:* `views_cm_05_24_isoab`

*Original tag:* `isoab`

*Dataset citation:* Hegre et al. (2022)

*Description:*

ISO 3-letter country code.

#### 2.36.1.6 Year (`year`)

*Long tag:* `views_cm_05_24_year`

*Original tag:* `year`

*Dataset citation:* Hegre et al. (2022)

*Description:*

Year for which scores are predicted.

**2.36.1.7 Month (month)**

*Long tag:* views\_cm\_05\_24\_month

*Original tag:* month

*Dataset citation:* Hegre et al. (2022)

*Description:*

Month of the year for which scores are predicted.

**2.36.2 Predictions**

Variables in this section present the VIEWS predictions for state-based conflict over a rolling three-year forecasting window. The month and year listed in the dataset name(s) and dataset tag(s) refer to the last month of input data informing the predictions at hand.

**2.36.2.1 Predicted log number of fatalities (main\_mean\_ln)**

*Long tag:* views\_cm\_05\_24\_main\_mean\_ln

*Original tag:* main\_mean\_ln

*Dataset citation:* Hegre et al. (2022)

*Description:*

Point prediction of the log number of fatalities in impending conflict, presented per type of violence and level of analysis. Expressed in natural logged form plus 1 [ $\ln(Y+1)$ ].

**2.36.2.2 Predicted number of fatalities (main\_mean)**

*Long tag:* views\_cm\_05\_24\_main\_mean

*Original tag:* main\_mean

*Dataset citation:* Hegre et al. (2022)

*Description:*

Point prediction of the number of fatalities in impending conflict, presented per type of violence and level of analysis.

**2.36.2.3 Predicted probability of conflict (main\_dich)**

*Long tag:* views\_cm\_05\_24\_main\_dich

*Original tag:* main\_dich

*Dataset citation:* Hegre et al. (2022)

*Description:*

Predicted probability of at least 25 battle-related deaths (BRDs) per country-month. Estimated from the ensemble model results of the VIEWS model for the applicable type of violence and level of analysis.

**2.37 VIEWS Country-Month Conflict Predictions (Last Input Data: June 2022)**

**Dataset tag:** views\_cm\_06\_22

**Output Unit:** VIEWS Country-Month, i.e., data is predicted per country and month. This means that each row in the dataset can be identified through a combination of the variables country\_id and month\_id.

Rows in the dataset can also be identified through a combination of month\_id and isoab, gwcode or name.

**Description:**

A global dataset containing the Violence Impacts Early-Warning System predictions for state-based conflict over a rolling three-year forecasting window. The month and year listed in the dataset name refer to the last month of input data informing the predictions. The forecasts are provided as point predictions for the number of people killed per country and month (expressed in natural logged form plus 1, i.e.  $\ln(\text{fatalities}+1)$ ).

**Dataset citation:**

Hegre, H. et al. (2022) 'Forecasting fatalities', Uppsala University, Technical report. URN: urn:nbn:se:uu:diva-476476.

Hegre, H. et al. (2021) 'ViEWS2020: Revising and evaluating the ViEWS political Violence Early-Warning System', *Journal of Peace Research*, 58(3), pp. 599–611. doi:10.1177/0022343320962157.

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More detailed information on the dataset can be found at the following web page: <https://viewsforecasting.org/resources/#downloads> and

<https://viewsforecasting.org/methodology/definitions/>

**2.37.1 Identifier Variables**

Variables or combination of variables in this section identify rows in the dataset.

**2.37.1.1 Country ID (country\_id)**

*Long tag:* views\_cm\_06\_22\_country\_id

*Original tag:* country\_id

*Dataset citation:* Hegre et al. (2022)

*Description:*

VIEWS Country ID

**2.37.1.2 Month ID (month\_id)**

*Long tag:* views\_cm\_06\_22\_month\_id

*Original tag:* month\_id

*Dataset citation:* Hegre et al. (2022)

*Description:*

A VIEWS month\_id, where month\_id is a sequence with 1 being January 1980.

**2.37.1.3 Country Name (name)**

*Long tag:* views\_cm\_06\_22\_name

*Original tag:* name

*Dataset citation:* Hegre et al. (2022)

*Description:*

Country name

**2.37.1.4 GW Country Code (gwcode)**

*Long tag:* views\_cm\_06\_22\_gwcode

*Original tag:* gwcode

*Dataset citation:* Hegre et al. (2022)

*Description:*

Gleditsch and Ward numeric Country Code

**2.37.1.5 ISO Code (isoab)***Long tag:* views\_cm\_06\_22\_isoab*Original tag:* isoab*Dataset citation:* Hegre et al. (2022)*Description:*

ISO 3-letter country code.

**2.37.1.6 Year (year)***Long tag:* views\_cm\_06\_22\_year*Original tag:* year*Dataset citation:* Hegre et al. (2022)*Description:*

Year for which scores are predicted.

**2.37.1.7 Month (month)***Long tag:* views\_cm\_06\_22\_month*Original tag:* month*Dataset citation:* Hegre et al. (2022)*Description:*

Month of the year for which scores are predicted.

**2.37.2 Predictions**

Variables in this section present the VIEWS predictions for state-based conflict over a rolling three-year forecasting window. The month and year listed in the dataset name(s) and dataset tag(s) refer to the last month of input data informing the predictions at hand.

**2.37.2.1 Country-month state-based fatalities predictions (sc\_cm\_sb\_main)***Long tag:* views\_cm\_06\_22\_sc\_cm\_sb\_main*Original tag:* sc\_cm\_sb\_main*Dataset citation:* Hegre et al. (2022)*Description:*

**Originating from:** Main ensemble model for number of fatalities in state-based conflict at the country-month level of analysis.

**Development ID:** fatalities001, please see <https://github.com/priodata/viewsforecasting/blob/main/CHANGELOG.md>.

**Outcome:** Continuous predictions for the number of fatalities per country-month in impending state-based conflict.

**Type of Violence:** State-based conflict, as defined and compiled by the Uppsala Conflict Data Program (Sundberg & Melander, 2013), please see <https://www.pcr.uu.se/research/ucdp/definitions/>.

**Level of Analysis:** Country-month. The set of countries is derived from the Gleditsch & Ward (1999) list of independent states, and their geographical extent from CShapes 0.6 (Weidmann, Kuse & Gleditsch, 2010).

**Description:** Predicted number of fatalities in impending conflict at country-month level of analysis, expressed in natural logged form plus 1  $[\ln(Y+1)]$ . The predictions are produced by a genetic ensemble trained for this type of violence and level of analysis. For more information about the ensemble and the current composition of its constituent models (sub-models), please see

<https://github.com/prio-data/viewsforecasting/blob/main/CHANGELOG.md> and  
<https://www.divaportal.org/smash/get/diva2:1667048/FULLTEXT01.pdf>.

### 2.37.2.2 Country-month state-based dichotomous probability predictions (sc\_cm\_sb\_dich\_main)

*Long tag:* views\_cm\_06\_22\_sc\_cm\_sb\_dich\_main

*Original tag:* sc\_cm\_sb\_dich\_main

*Dataset citation:* Hegre et al. (2022)

*Description:*

**Originating from:** Main ensemble model for number of fatalities in state-based conflict at the country-month level of analysis.

**Development ID:** fatalities001, please see <https://github.com/prio-data/viewsforecasting/blob/main/CHANGELOG.md>.

**Outcome:** Dichotomous predictions for the probability of at least 25 BRDs per country-month in impending state-based conflict.

**Type of Violence:** State-based conflict, as defined and compiled by the Uppsala Conflict Data Program (Sundberg & Melander, 2013), please see <https://www.pcr.uu.se/research/ucdp/definitions/>.

**Level of Analysis:** Country-month. The set of countries is derived from the Gleditsch & Ward (1999) list of independent states, and their geographical extent from CShapes 0.6 (Weidmann, Kuse & Gleditsch, 2010).

**Description:** Predicted probability of at least 25 battle-related deaths (BRDs) per country-month, derived from the country-level ensemble predictions. For more information about the ensemble underlying these predictions (sc\_cm\_sb\_main) and the current composition of its constituent models (sub-models), please see <https://github.com/priodata/\viewsforecasting/blob/main/CHANGELOG.md> and <https://www.divaportal.org/smash/get/diva2:1667048/FULLTEXT01.pdf>.

## 2.38 VIEWS Country-Month Conflict Predictions (Last Input Data: June 2023)

*Dataset tag:* views\_cm\_06\_23

**Output Unit:** VIEWS Country-Month, i.e., data is predicted per country and month. This means that each row in the dataset can be identified through a combination of the variables country\_id and month\_id. Rows in the dataset can also be identified through a combination of month\_id and isoab, gwcode or name.

*Description:*

A global dataset containing the Violence and Impacts Early-Warning System predictions for state-based conflict per country and month over a rolling three-year forecasting window. The month and year listed in the dataset name refer to the last month of input data informing the predictions. The forecasts are provided as point predictions for the number of people that will be killed per country and month (expressed in both logged and non-logged form), as well as in the form of dichotomous predictions for the probability that at least 25 battle-related deaths will be reached or exceeded in any country-month).

*Dataset citation:*

Hegre, H. et al. (2022) 'Forecasting fatalities', Uppsala University, Technical report. URN: urn:nbn:se:uu:diva-476476.

Hegre, H. et al. (2021) 'ViEWS2020: Revising and evaluating the ViEWS political Violence Early-Warning System', *Journal of Peace Research*, 58(3), pp. 599–611.

doi:10.1177/0022343320962157.

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More detailed information on the dataset can be found at the following web page:  
<https://viewsforecasting.org/resources/#downloads> and  
<https://viewsforecasting.org/methodology/definitions/>

### 2.38.1 Identifier Variables

Variables or combination of variables in this section identify rows in the dataset.

#### 2.38.1.1 Country ID (`country_id`)

*Long tag:* `views_cm_06_23_country_id`

*Original tag:* `country_id`

*Dataset citation:* Hegre et al. (2022)

*Description:*

VIEWS Country ID

#### 2.38.1.2 Month ID (`month_id`)

*Long tag:* `views_cm_06_23_month_id`

*Original tag:* `month_id`

*Dataset citation:* Hegre et al. (2022)

*Description:*

A VIEWS `month_id`, where `month_id` is a sequence with 1 being January 1980.

#### 2.38.1.3 Country Name (`name`)

*Long tag:* `views_cm_06_23_name`

*Original tag:* `name`

*Dataset citation:* Hegre et al. (2022)

*Description:*

Country name

#### 2.38.1.4 GW Country Code (`gwcode`)

*Long tag:* `views_cm_06_23_gwcode`

*Original tag:* `gwcode`

*Dataset citation:* Hegre et al. (2022)

*Description:*

Gleditsch and Ward numeric Country Code

#### 2.38.1.5 ISO Code (`isoab`)

*Long tag:* `views_cm_06_23_isoab`

*Original tag:* `isoab`

*Dataset citation:* Hegre et al. (2022)

*Description:*

ISO 3-letter country code.

#### 2.38.1.6 Year (`year`)

*Long tag:* `views_cm_06_23_year`

*Original tag:* `year`

*Dataset citation:* Hegre et al. (2022)

*Description:*

Year for which scores are predicted.

### 2.38.1.7 Month (month)

*Long tag:* views\_cm\_06\_23\_month

*Original tag:* month

*Dataset citation:* Hegre et al. (2022)

*Description:*

Month of the year for which scores are predicted.

## 2.38.2 Predictions

Variables in this section present the VIEWS predictions for state-based conflict over a rolling three-year forecasting window. The month and year listed in the dataset name(s) and dataset tag(s) refer to the last month of input data informing the predictions at hand. To learn about the type(s) of violence predicted in the VIEWS datasets, and the level(s) of analysis for which they are presented, please visit <https://viewsforecasting.org/methodology/definitions/>.

### 2.38.2.1 Predicted log number of fatalities (main\_mean\_ln)

*Long tag:* views\_cm\_06\_23\_main\_mean\_ln

*Original tag:* main\_mean\_ln

*Dataset citation:* Hegre et al. (2022)

*Description:*

Point prediction of the log number of fatalities in impending conflict, presented per type of violence and level of analysis. Expressed in natural logged form plus 1 [ $\ln(Y+1)$ ].

### 2.38.2.2 Predicted number of fatalities (main\_mean)

*Long tag:* views\_cm\_06\_23\_main\_mean

*Original tag:* main\_mean

*Dataset citation:* Hegre et al. (2022)

*Description:*

Point prediction of the number of fatalities in impending conflict, presented per type of violence and level of analysis.

### 2.38.2.3 Predicted probability of conflict (main\_dich)

*Long tag:* views\_cm\_06\_23\_main\_dich

*Original tag:* main\_dich

*Dataset citation:* Hegre et al. (2022)

*Description:*

Predicted probability of at least 25 battle-related deaths (BRDs) per country-month. Estimated from the ensemble model results of the VIEWS model for the applicable type of violence and level of analysis.

## 2.39 VIEWS Country-Month Conflict Predictions (Last Input Data: June 2024)

**Dataset tag:** views\_cm\_06\_24

**Output Unit:** VIEWS Country-Month, i.e., data is predicted per country and month. This means that each row in the dataset can be identified through a combination of the variables country\_id and month\_id.

Rows in the dataset can also be identified through a combination of month\_id and isoab, gwcode or name.

**Description:**

A global dataset containing the Violence and Impacts Early-Warning System predictions for state-based conflict per country and month over a rolling three-year forecasting window. The month and year listed in the dataset name refer to the last month of input data informing the predictions. The forecasts are provided as point predictions for the number of people that will be killed per country and month (expressed in both logged and non-logged form), as well as in the form of dichotomous predictions for the probability that at least 25 battle-related deaths will be reached or exceeded in any country-month).

**Dataset citation:**

Hegre, H. et al. (2022) 'Forecasting fatalities', Uppsala University, Technical report. URN: urn:nbn:se:uu:diva-476476.

Hegre, H. et al. (2021) 'ViEWS2020: Revising and evaluating the ViEWS political Violence Early-Warning System', *Journal of Peace Research*, 58(3), pp. 599–611. doi:10.1177/0022343320962157.

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More detailed information on the dataset can be found at the following web page: <https://viewsforecasting.org/resources/#downloads> and

<https://viewsforecasting.org/methodology/definitions/>

### 2.39.1 Identifier

These variables identify rows in the dataset.

#### 2.39.1.1 Country ID (country\_id)

*Long tag:* views\_cm\_06\_24\_country\_id

*Original tag:* country\_id

*Dataset citation:* Hegre et al. (2022)

*Description:*

VIEWS Country ID

#### 2.39.1.2 Month ID (month\_id)

*Long tag:* views\_cm\_06\_24\_month\_id

*Original tag:* month\_id

*Dataset citation:* Hegre et al. (2022)

*Description:*

A VIEWS month\_id, where month\_id is a sequence with 1 being January 1980.

#### 2.39.1.3 Country Name (name)

*Long tag:* views\_cm\_06\_24\_name

*Original tag:* name

*Dataset citation:* Hegre et al. (2022)

*Description:*

Country name

#### 2.39.1.4 GW Country Code (gwcode)

*Long tag:* views\_cm\_06\_24\_gwcode



*Original tag:* gwcode

*Dataset citation:* Hegre et al. (2022)

*Description:*

Gleditsch and Ward numeric Country Code

### **2.39.1.5 ISO Code (isoab)**

*Long tag:* views\_cm\_06\_24\_isoab

*Original tag:* isoab

*Dataset citation:* Hegre et al. (2022)

*Description:*

ISO 3-letter country code.

### **2.39.1.6 Year (year)**

*Long tag:* views\_cm\_06\_24\_year

*Original tag:* year

*Dataset citation:* Hegre et al. (2022)

*Description:*

Year for which scores are predicted.

### **2.39.1.7 Month (month)**

*Long tag:* views\_cm\_06\_24\_month

*Original tag:* month

*Dataset citation:* Hegre et al. (2022)

*Description:*

Month of the year for which scores are predicted.

## **2.39.2 Predictions**

Variables in this section present the VIEWS predictions for state-based conflict over a rolling three-year forecasting window. The month and year listed in the dataset name(s) and dataset tag(s) refer to the last month of input data informing the predictions at hand.

### **2.39.2.1 Predicted log number of fatalities (main\_mean\_ln)**

*Long tag:* views\_cm\_06\_24\_main\_mean\_ln

*Original tag:* main\_mean\_ln

*Dataset citation:* Hegre et al. (2022)

*Description:*

Point prediction of the log number of fatalities in impending conflict, presented per type of violence and level of analysis. Expressed in natural logged form plus 1 [ $\ln(Y+1)$ ].

### **2.39.2.2 Predicted number of fatalities (main\_mean)**

*Long tag:* views\_cm\_06\_24\_main\_mean

*Original tag:* main\_mean

*Dataset citation:* Hegre et al. (2022)

*Description:*

Point prediction of the number of fatalities in impending conflict, presented per type of violence and level of analysis.

### **2.39.2.3 Predicted probability of conflict (main\_dich)**

*Long tag:* views\_cm\_06\_24\_main\_dich

*Original tag:* main\_dich

*Dataset citation:* Hegre et al. (2022)

*Description:*

Predicted probability of at least 25 battle-related deaths (BRDs) per country-month. Estimated from the ensemble model results of the VIEWS model for the applicable type of violence and level of analysis.

## 2.40 VIEWS Country-Month Conflict Predictions (Last Input Data: July 2022)

**Dataset tag:** views\_cm\_07\_22

**Output Unit:** VIEWS Country-Month, i.e., data is predicted per country and month. This means that each row in the dataset can be identified through a combination of the variables country\_id and month\_id.

Rows in the dataset can also be identified through a combination of month\_id and isoab, gwcode or name.

**Description:**

A global dataset containing the Violence Impacts Early-Warning System predictions for state-based conflict over a rolling three-year forecasting window. The month and year listed in the dataset name refer to the last month of input data informing the predictions. The forecasts are provided as point predictions for the number of people killed per country and month (expressed in natural logged form plus 1, i.e.  $\ln(\text{fatalities}+1)$ ).

**Dataset citation:**

Hegre, H. et al. (2022) 'Forecasting fatalities', Uppsala University, Technical report. URN: urn:nbn:se:uu:diva-476476.

Hegre, H. et al. (2021) 'ViEWS2020: Revising and evaluating the ViEWS political Violence Early-Warning System', *Journal of Peace Research*, 58(3), pp. 599–611. doi:10.1177/0022343320962157.

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More detailed information on the dataset can be found at the following web page:  
<https://viewsforecasting.org/resources/#downloads> and  
<https://viewsforecasting.org/methodology/definitions/>

### 2.40.1 Identifier Variables

Variables or combination of variables in this section identify rows in the dataset.

#### 2.40.1.1 Country ID (country\_id)

*Long tag:* views\_cm\_07\_22\_country\_id

*Original tag:* country\_id

*Dataset citation:* Hegre et al. (2022)

*Description:*

VIEWS Country ID

#### 2.40.1.2 Month ID (month\_id)

*Long tag:* views\_cm\_07\_22\_month\_id

*Original tag:* month\_id

*Dataset citation:* Hegre et al. (2022)

*Description:*

A VIEWS month\_id, where month\_id is a sequence with 1 being January 1980.

**2.40.1.3 Country Name (name)**

*Long tag:* views\_cm\_07\_22\_name

*Original tag:* name

*Dataset citation:* Hegre et al. (2022)

*Description:*

Country name

**2.40.1.4 GW Country Code (gwcode)**

*Long tag:* views\_cm\_07\_22\_gwcode

*Original tag:* gwcode

*Dataset citation:* Hegre et al. (2022)

*Description:*

Gleditsch and Ward numeric Country Code

**2.40.1.5 ISO Code (isoab)**

*Long tag:* views\_cm\_07\_22\_isoab

*Original tag:* isoab

*Dataset citation:* Hegre et al. (2022)

*Description:*

ISO 3-letter country code.

**2.40.1.6 Year (year)**

*Long tag:* views\_cm\_07\_22\_year

*Original tag:* year

*Dataset citation:* Hegre et al. (2022)

*Description:*

Year for which scores are predicted.

**2.40.1.7 Month (month)**

*Long tag:* views\_cm\_07\_22\_month

*Original tag:* month

*Dataset citation:* Hegre et al. (2022)

*Description:*

Month of the year for which scores are predicted.

**2.40.2 Predictions**

Variables in this section present the VIEWS predictions for state-based conflict over a rolling three-year forecasting window. The month and year listed in the dataset name(s) and dataset tag(s) refer to the last month of input data informing the predictions at hand.

**2.40.2.1 Country-month state-based fatalities predictions (sc\_cm\_sb\_main)**

*Long tag:* views\_cm\_07\_22\_sc\_cm\_sb\_main

*Original tag:* sc\_cm\_sb\_main

*Dataset citation:* Hegre et al. (2022)

*Description:*

**Originating from:** Main ensemble model for number of fatalities in state-based conflict at the country-month level of analysis.

**Development ID:** fatalities001, please see <https://github.com/priodata/viewsforecasting/blob/main/CHANGELOG.md>.

**Outcome:** Continuous predictions for the number of fatalities per country-month in impending state-based conflict.

**Type of Violence:** State-based conflict, as defined and compiled by the Uppsala Conflict Data Program (Sundberg & Melander, 2013), please see <https://www.pcr.uu.se/research/ucdp/definitions/>.

**Level of Analysis:** Country-month. The set of countries is derived from the Gleditsch & Ward (1999) list of independent states, and their geographical extent from CShapes 0.6 (Weidmann, Kuse & Gleditsch, 2010).

**Description:** Predicted number of fatalities in impending conflict at country-month level of analysis, expressed in natural logged form plus 1 [ $\ln(Y+1)$ ]. The predictions are produced by a genetic ensemble trained for this type of violence and level of analysis. For more information about the ensemble and the current composition of its constituent models (sub-models), please see <https://github.com/prio-data/viewsforecasting/blob/main/CHANGELOG.md> and <https://www.divaportal.org/smash/get/diva2:1667048/FULLTEXT01.pdf>.

#### 2.40.2.2 Country-month state-based dichotomous probability predictions (sc\_cm\_sb\_dich\_main)

*Long tag:* views\_cm\_07\_22\_sc\_cm\_sb\_dich\_main

*Original tag:* sc\_cm\_sb\_dich\_main

*Dataset citation:* Hegre et al. (2022)

*Description:*

**Originating from:** Main ensemble model for number of fatalities in state-based conflict at the PRIO-GRID-month level of analysis.

**Development ID:** fatalities001, please see <https://github.com/prio-data/viewsforecasting/blob/main/CHANGELOG.md>.

**Outcome:** Dichotomous predictions for the probability of at least 1 BRD per PRIO-GRID-month in impending state-based conflict.

**Type of Violence:** State-based conflict, as defined and compiled by the Uppsala Conflict Data Program (Sundberg & Melander, 2013), please see <https://www.pcr.uu.se/research/ucdp/definitions/>.

**Level of Analysis:** PRIO-GRID-month. Uses calendar months as the temporal units of analysis, and spatial units derived from PRIO-GRID 2.0 (Tollefsen, Strand & Buhaug, 2012). The latter is a standardized spatial grid structure consisting of quadratic grid cells that jointly cover all areas of the world at a resolution of 0.5 x 0.5 decimal degrees, approximately 55x55 km around the equator.

**Description:** Predicted probability of at least 1 battle-related death (BRD) per PRIO-GRID-month, derived from the PRIO-GRID-level ensemble predictions. For more information about the ensemble underlying these predictions (sc\_pgm\_sb\_main) and the current composition of its constituent models (sub-models), please see <https://github.com/priodata/viewsforecasting/blob/main/CHANGELOG.md> and <https://www.divaportal.org/smash/get/diva2:1667048/FULLTEXT01.pdf>.

## 2.41 VIEWS Country-Month Conflict Predictions (Last Input Data: July 2023)

**Dataset tag:** views\_cm\_07\_23

**Output Unit:** VIEWS Country-Month, i.e., data is predicted per country and month. This means that each row in the dataset can be identified through a combination of the variables country\_id and month\_id. Rows in the dataset can also be identified through a combination of month\_id and isoab, gwcode or name.

**Description:**

A global dataset containing the Violence and Impacts Early-Warning System predictions for state-based conflict per country and month over a rolling three-year forecasting window. The month and year listed in the dataset name refer to the last month of input data informing the predictions. The forecasts are provided as point predictions for the number of people that will be killed per country and month (expressed in both logged and non-logged form), as well as in the form of dichotomous predictions for the probability that at least 25 battle-related deaths will be reached or exceeded in any country-month).

**Dataset citation:**

Hegre, H. et al. (2022) ‘Forecasting fatalities’, Uppsala University, Technical report. URN: urn:nbn:se:uu:diva-476476.

Hegre, H. et al. (2021) ‘ViEWS2020: Revising and evaluating the ViEWS political Violence Early-Warning System’, *Journal of Peace Research*, 58(3), pp. 599–611. doi:10.1177/0022343320962157.

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More detailed information on the dataset can be found at the following web page: <https://viewsforecasting.org/resources/#downloads> and <https://viewsforecasting.org/methodology/definitions/>

### 2.41.1 Identifier Variables

Variables or combination of variables in this section identify rows in the dataset.

#### 2.41.1.1 Country ID (country\_id)

*Long tag:* views\_cm\_07\_23\_country\_id

*Original tag:* country\_id

*Dataset citation:* Hegre et al. (2022)

*Description:*

VIEWS Country ID

#### 2.41.1.2 Month ID (month\_id)

*Long tag:* views\_cm\_07\_23\_month\_id

*Original tag:* month\_id

*Dataset citation:* Hegre et al. (2022)

*Description:*

A VIEWS month\_id, where month\_id is a sequence with 1 being January 1980.

#### 2.41.1.3 Country Name (name)

*Long tag:* views\_cm\_07\_23\_name

*Original tag:* name

*Dataset citation:* Hegre et al. (2022)

*Description:*

Country name

**2.41.1.4 GW Country Code (gwcode)***Long tag:* views\_cm\_07\_23\_gwcode*Original tag:* gwcode*Dataset citation:* Hegre et al. (2022)*Description:*

Gleditsch and Ward numeric Country Code

**2.41.1.5 ISO Code (isoab)***Long tag:* views\_cm\_07\_23\_isoab*Original tag:* isoab*Dataset citation:* Hegre et al. (2022)*Description:*

ISO 3-letter country code.

**2.41.1.6 Year (year)***Long tag:* views\_cm\_07\_23\_year*Original tag:* year*Dataset citation:* Hegre et al. (2022)*Description:*

Year for which scores are predicted.

**2.41.1.7 Month (month)***Long tag:* views\_cm\_07\_23\_month*Original tag:* month*Dataset citation:* Hegre et al. (2022)*Description:*

Month of the year for which scores are predicted.

**2.41.2 Predictions**

Variables in this section present the VIEWS predictions for state-based conflict over a rolling three-year forecasting window. The month and year listed in the dataset name(s) and dataset tag(s) refer to the last month of input data informing the predictions at hand. To learn about the type(s) of violence predicted in the VIEWS datasets, and the level(s) of analysis for which they are presented, please visit <https://viewsforecasting.org/methodology/definitions/>.

**2.41.2.1 Predicted log number of fatalities (main\_mean\_ln)***Long tag:* views\_cm\_07\_23\_main\_mean\_ln*Original tag:* main\_mean\_ln*Dataset citation:* Hegre et al. (2022)*Description:*

Point prediction of the log number of fatalities in impending conflict, presented per type of violence and level of analysis. Expressed in natural logged form plus 1 [ $\ln(Y+1)$ ].

**2.41.2.2 Predicted number of fatalities (main\_mean)***Long tag:* views\_cm\_07\_23\_main\_mean*Original tag:* main\_mean

*Dataset citation:* Hegre et al. (2022)

*Description:*

Point prediction of the number of fatalities in impending conflict, presented per type of violence and level of analysis.

### 2.41.2.3 Predicted probability of conflict (main\_dich)

*Long tag:* views\_cm\_07\_23\_main\_dich

*Original tag:* main\_dich

*Dataset citation:* Hegre et al. (2022)

*Description:*

Dichotomous predictions, probability that X number of fatalities will be observed in a given time and place.

## 2.42 VIEWS Country-Month Conflict Predictions (Last Input Data: July 2024)

*Dataset tag:* views\_cm\_07\_24

**Output Unit:** VIEWS Country-Month, i.e., data is predicted per country and month. This means that each row in the dataset can be identified through a combination of the variables country\_id and month\_id.

Rows in the dataset can also be identified through a combination of month\_id and isoab, gwcode or name.

**Description:**

A global dataset containing the Violence and Impacts Early-Warning System predictions for state-based conflict per country and month over a rolling three-year forecasting window. The month and year listed in the dataset name refer to the last month of input data informing the predictions. The forecasts are provided as point predictions for the number of people that will be killed per country and month (expressed in both logged and non-logged form), as well as in the form of dichotomous predictions for the probability that at least 25 battle-related deaths will be reached or exceeded in any country-month).

**Dataset citation:**

Hegre, H. et al. (2022) 'Forecasting fatalities', Uppsala University, Technical report. URN: urn:nbn:se:uu:diva-476476.

Hegre, H. et al. (2021) 'ViEWS2020: Revising and evaluating the ViEWS political Violence Early-Warning System', *Journal of Peace Research*, 58(3), pp. 599–611. doi:10.1177/0022343320962157.

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More detailed information on the dataset can be found at the following web page:

<https://viewsforecasting.org/resources/#downloads>

and

<https://viewsforecasting.org/methodology/definitions/>

### 2.42.1 Identifier

These variables identify rows in the dataset.

#### 2.42.1.1 Country ID (country\_id)

*Long tag:* views\_cm\_07\_24\_country\_id

*Original tag:* country\_id

*Dataset citation:* Hegre et al. (2022)

*Description:*

VIEWS Country ID

#### **2.42.1.2 Month ID (month\_id)**

*Long tag:* views\_cm\_07\_24\_month\_id

*Original tag:* month\_id

*Dataset citation:* Hegre et al. (2022)

*Description:*

A VIEWS month\_id, where month\_id is a sequence with 1 being January 1980.

#### **2.42.1.3 Country Name (name)**

*Long tag:* views\_cm\_07\_24\_name

*Original tag:* name

*Dataset citation:* Hegre et al. (2022)

*Description:*

Country name

#### **2.42.1.4 GW Country Code (gwcode)**

*Long tag:* views\_cm\_07\_24\_gwcode

*Original tag:* gwcode

*Dataset citation:* Hegre et al. (2022)

*Description:*

Gleditsch and Ward numeric Country Code

#### **2.42.1.5 ISO Code (isoab)**

*Long tag:* views\_cm\_07\_24\_isoab

*Original tag:* isoab

*Dataset citation:* Hegre et al. (2022)

*Description:*

ISO 3-letter country code.

#### **2.42.1.6 Year (year)**

*Long tag:* views\_cm\_07\_24\_year

*Original tag:* year

*Dataset citation:* Hegre et al. (2022)

*Description:*

Year for which scores are predicted.

#### **2.42.1.7 Month (month)**

*Long tag:* views\_cm\_07\_24\_month

*Original tag:* month

*Dataset citation:* Hegre et al. (2022)

*Description:*

Month of the year for which scores are predicted.

### **2.42.2 Predictions**

Variables in this section present the VIEWS predictions for state-based conflict over a rolling three-year forecasting window. The month and year listed in the dataset name(s) and dataset tag(s) refer to the last month of input data informing the predictions at hand.



**2.42.2.1 Predicted log number of fatalities (main\_mean\_ln)***Long tag:* views\_cm\_07\_24\_main\_mean\_ln*Original tag:* main\_mean\_ln*Dataset citation:* Hegre et al. (2022)*Description:*

Point prediction of the log number of fatalities in impending conflict, presented per type of violence and level of analysis. Expressed in natural logged form plus 1 [ $\ln(Y+1)$ ].

**2.42.2.2 Predicted number of fatalities (main\_mean)***Long tag:* views\_cm\_07\_24\_main\_mean*Original tag:* main\_mean*Dataset citation:* Hegre et al. (2022)*Description:*

Point prediction of the number of fatalities in impending conflict, presented per type of violence and level of analysis.

**2.42.2.3 Predicted probability of conflict (main\_dich)***Long tag:* views\_cm\_07\_24\_main\_dich*Original tag:* main\_dich*Dataset citation:* Hegre et al. (2022)*Description:*

Predicted probability of at least 25 battle-related deaths (BRDs) per country-month. Estimated from the ensemble model results of the VIEWS model for the applicable type of violence and level of analysis.

**2.43 VIEWS Country-Month Conflict Predictions (Last Input Data: August 2022)***Dataset tag:* views\_cm\_08\_22

**Output Unit:** VIEWS Country-Month, i.e., data is predicted per country and month. This means that each row in the dataset can be identified through a combination of the variables country\_id and month\_id.

Rows in the dataset can also be identified through a combination of month\_id and isoab, gwcode or name.

**Description:**

A global dataset containing the Violence Impacts Early-Warning System predictions for state-based conflict over a rolling three-year forecasting window. The month and year listed in the dataset name refer to the last month of input data informing the predictions. The forecasts are provided as point predictions for the number of people killed per country and month (expressed in natural logged form plus 1, i.e.  $\ln(\text{fatalities}+1)$ ).

**Dataset citation:**

Hegre, H. et al. (2022) 'Forecasting fatalities', Uppsala University, Technical report. URN: urn:nbn:se:uu:diva-476476.

Hegre, H. et al. (2021) 'ViEWS2020: Revising and evaluating the ViEWS political Violence Early-Warning System', *Journal of Peace Research*, 58(3), pp. 599–611. doi:10.1177/0022343320962157.

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More detailed information on the dataset can be found at the following web page:  
<https://viewsforecasting.org/resources/#downloads> and  
<https://viewsforecasting.org/methodology/definitions/>

### 2.43.1 Identifier Variables

Variables or combination of variables in this section identify rows in the dataset.

#### 2.43.1.1 Country ID (`country_id`)

*Long tag:* views\_cm\_08\_22\_country\_id

*Original tag:* country\_id

*Dataset citation:* Hegre et al. (2022)

*Description:*

VIEWS Country ID

#### 2.43.1.2 Month ID (`month_id`)

*Long tag:* views\_cm\_08\_22\_month\_id

*Original tag:* month\_id

*Dataset citation:* Hegre et al. (2022)

*Description:*

A VIEWS month\_id, where month\_id is a sequence with 1 being January 1980.

#### 2.43.1.3 Country Name (`name`)

*Long tag:* views\_cm\_08\_22\_name

*Original tag:* name

*Dataset citation:* Hegre et al. (2022)

*Description:*

Country name

#### 2.43.1.4 GW Country Code (`gwcode`)

*Long tag:* views\_cm\_08\_22\_gwcode

*Original tag:* gwcode

*Dataset citation:* Hegre et al. (2022)

*Description:*

Gleditsch and Ward numeric Country Code

#### 2.43.1.5 ISO Code (`isoab`)

*Long tag:* views\_cm\_08\_22\_isoab

*Original tag:* isoab

*Dataset citation:* Hegre et al. (2022)

*Description:*

ISO 3-letter country code.

#### 2.43.1.6 Year (`year`)

*Long tag:* views\_cm\_08\_22\_year

*Original tag:* year

*Dataset citation:* Hegre et al. (2022)

*Description:*

Year for which scores are predicted.

**2.43.1.7 Month (month)***Long tag:* views\_cm\_08\_22\_month*Original tag:* month*Dataset citation:* Hegre et al. (2022)*Description:*

Month of the year for which scores are predicted.

**2.43.2 Predictions**

Variables in this section present the VIEWS predictions for state-based conflict over a rolling three-year forecasting window. The month and year listed in the dataset name(s) and dataset tag(s) refer to the last month of input data informing the predictions at hand.

**2.43.2.1 Country-month state-based fatalities predictions (sc\_cm\_sb\_main)***Long tag:* views\_cm\_08\_22\_sc\_cm\_sb\_main*Original tag:* sc\_cm\_sb\_main*Dataset citation:* Hegre et al. (2022)*Description:*

**Originating from:** Main ensemble model for number of fatalities in state-based conflict at the country-month level of analysis.

**Development ID:** fatalities001, please see <https://github.com/priodata/viewforecasting/blob/main/CHANGELOG.md>.

**Outcome:** Continuous predictions for the number of fatalities per country-month in impending state-based conflict.

**Type of Violence:** State-based conflict, as defined and compiled by the Uppsala Conflict Data Program (Sundberg & Melander, 2013), please see <https://www.pcr.uu.se/research/ucdp/definitions/>.

**Level of Analysis:** Country-month. The set of countries is derived from the Gleditsch & Ward (1999) list of independent states, and their geographical extent from CShapes 0.6 (Weidmann, Kuse & Gleditsch, 2010).

**Description:** Predicted number of fatalities in impending conflict at country-month level of analysis, expressed in natural logged form plus 1 [ $\ln(Y+1)$ ]. The predictions are produced by a genetic ensemble trained for this type of violence and level of analysis. For more information about the ensemble and the current composition of its constituent models (sub-models), please see <https://github.com/prio-data/viewforecasting/blob/main/CHANGELOG.md> and <https://www.divaportal.org/smash/get/diva2:1667048/FULLTEXT01.pdf>.

**2.43.2.2 Country-month state-based dichotomous probability predictions (sc\_cm\_sb\_dich\_main)***Long tag:* views\_cm\_08\_22\_sc\_cm\_sb\_dich\_main*Original tag:* sc\_cm\_sb\_dich\_main*Dataset citation:* Hegre et al. (2022)*Description:*

**Originating from:** Main ensemble model for number of fatalities in state-based conflict at the country-month level of analysis.

**Development ID:** fatalities001, please see <https://github.com/prio-data/viewforecasting/blob/main/CHANGELOG.md>.

**Outcome:** Dichotomous predictions for the probability of at least 25 BRDs per country-month in impending state-based conflict.

**Type of Violence:** State-based conflict, as defined and compiled by the Uppsala Conflict Data Program (Sundberg & Melander, 2013), please see <https://www.pcr.uu.se/research/ucdp/definitions/>.

**Level of Analysis:** Country-month. The set of countries is derived from the Gleditsch & Ward (1999) list of independent states, and their geographical extent from CShapes 0.6 (Weidmann, Kuse & Gleditsch, 2010).

**Description:** Predicted probability of at least 25 battle-related deaths (BRDs) per country-month, derived from the country-level ensemble predictions. For more information about the ensemble underlying these predictions (sc\_cm\_sb\_main) and the current composition of its constituent models (sub-models), please see <https://github.com/priodata/\viewsforecasting/blob/main/CHANGELOG.md> and <https://www.divaportal.org/smash/get/diva2:1667048/FULLTEXT01.pdf>.

## 2.44 VIEWS Country-Month Conflict Predictions (Last Input Data: August 2023)

**Dataset tag:** views\_cm\_08\_23

**Output Unit:** VIEWS Country-Month, i.e., data is predicted per country and month. This means that each row in the dataset can be identified through a combination of the variables country\_id and month\_id.

Rows in the dataset can also be identified through a combination of month\_id and isoab, gwcode or name.

### **Description:**

A global dataset containing the Violence and Impacts Early-Warning System predictions for state-based conflict per country and month over a rolling three-year forecasting window. The month and year listed in the dataset name refer to the last month of input data informing the predictions. The forecasts are provided as point predictions for the number of people that will be killed per country and month (expressed in both logged and non-logged form), as well as in the form of dichotomous predictions for the probability that at least 25 battle-related deaths will be reached or exceeded in any country-month).

### **Dataset citation:**

Hegre, H. et al. (2022) 'Forecasting fatalities', Uppsala University, Technical report. URN: urn:nbn:se:uu:diva-476476.

Hegre, H. et al. (2021) 'ViEWS2020: Revising and evaluating the ViEWS political Violence Early-Warning System', *Journal of Peace Research*, 58(3), pp. 599–611. doi:10.1177/0022343320962157.

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More detailed information on the dataset can be found at the following web page: <https://viewsforecasting.org/resources/#downloads> and <https://viewsforecasting.org/methodology/definitions/>

### 2.44.1 Identifier Variables

Variables or combination of variables in this section identify rows in the dataset.

**2.44.1.1 Country ID (country\_id)**

*Long tag:* views\_cm\_08\_23\_country\_id

*Original tag:* country\_id

*Dataset citation:* Hegre et al. (2022)

*Description:*

VIEWS Country ID

**2.44.1.2 Month ID (month\_id)**

*Long tag:* views\_cm\_08\_23\_month\_id

*Original tag:* month\_id

*Dataset citation:* Hegre et al. (2022)

*Description:*

A VIEWS month\_id, where month\_id is a sequence with 1 being January 1980.

**2.44.1.3 Country Name (name)**

*Long tag:* views\_cm\_08\_23\_name

*Original tag:* name

*Dataset citation:* Hegre et al. (2022)

*Description:*

Country name

**2.44.1.4 GW Country Code (gwcode)**

*Long tag:* views\_cm\_08\_23\_gwcode

*Original tag:* gwcode

*Dataset citation:* Hegre et al. (2022)

*Description:*

Gleditsch and Ward numeric Country Code

**2.44.1.5 ISO Code (isoab)**

*Long tag:* views\_cm\_08\_23\_isoab

*Original tag:* isoab

*Dataset citation:* Hegre et al. (2022)

*Description:*

ISO 3-letter country code.

**2.44.1.6 Year (year)**

*Long tag:* views\_cm\_08\_23\_year

*Original tag:* year

*Dataset citation:* Hegre et al. (2022)

*Description:*

Year for which scores are predicted.

**2.44.1.7 Month (month)**

*Long tag:* views\_cm\_08\_23\_month

*Original tag:* month

*Dataset citation:* Hegre et al. (2022)

*Description:*

Month of the year for which scores are predicted.

### 2.44.2 Predictions

Variables in this section present the VIEWS predictions for state-based conflict over a rolling three-year forecasting window. The month and year listed in the dataset name(s) and dataset tag(s) refer to the last month of input data informing the predictions at hand.

#### 2.44.2.1 Predicted log number of fatalities (main\_mean\_ln)

*Long tag:* views\_cm\_08\_23\_main\_mean\_ln

*Original tag:* main\_mean\_ln

*Dataset citation:* Hegre et al. (2022)

*Description:*

Point prediction of the log number of fatalities in impending conflict, presented per type of violence and level of analysis. Expressed in natural logged form plus 1 [ $\ln(Y+1)$ ].

#### 2.44.2.2 Predicted number of fatalities (main\_mean)

*Long tag:* views\_cm\_08\_23\_main\_mean

*Original tag:* main\_mean

*Dataset citation:* Hegre et al. (2022)

*Description:*

Point prediction of the number of fatalities in impending conflict, presented per type of violence and level of analysis.

#### 2.44.2.3 Predicted probability of conflict (main\_dich)

*Long tag:* views\_cm\_08\_23\_main\_dich

*Original tag:* main\_dich

*Dataset citation:* Hegre et al. (2022)

*Description:*

Predicted probability of at least 25 battle-related deaths (BRDs) per country-month. Estimated from the ensemble model results of the VIEWS model for the applicable type of violence and level of analysis.

## 2.45 VIEWS Country-Month Conflict Predictions (Last Input Data: September 2022)

*Dataset tag:* views\_cm\_09\_22

**Output Unit:** VIEWS Country-Month, i.e., data is predicted per country and month. This means that each row in the dataset can be identified through a combination of the variables country\_id and month\_id.

Rows in the dataset can also be identified through a combination of month\_id and isoab, gwcode or name.

**Description:**

A global dataset containing the Violence Impacts Early-Warning System predictions for state-based conflict over a rolling three-year forecasting window. The month and year listed in the dataset name refer to the last month of input data informing the predictions. The forecasts are provided as point predictions for the number of people killed per country and month (expressed in natural logged form plus 1, i.e.  $\ln(\text{fatalities}+1)$ ).

**Dataset citation:**

Hegre, H. et al. (2022) 'Forecasting fatalities', Uppsala University, Technical report. URN: urn:nbn:se:uu:diva-476476.

Hegre, H. et al. (2021) 'ViEWS2020: Revising and evaluating the ViEWS political Violence Early-Warning System', *Journal of Peace Research*, 58(3), pp. 599–611. doi:10.1177/0022343320962157.

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More detailed information on the dataset can be found at the following web page:  
<https://viewsforecasting.org/resources/#downloads> and  
<https://viewsforecasting.org/methodology/definitions/>

### 2.45.1 Identifier Variables

Variables or combination of variables in this section identify rows in the dataset.

#### 2.45.1.1 Country ID (`country_id`)

*Long tag:* views\_cm\_09\_22\_country\_id

*Original tag:* country\_id

*Dataset citation:* Hegre et al. (2022)

*Description:*

VIEWS Country ID

#### 2.45.1.2 Month ID (`month_id`)

*Long tag:* views\_cm\_09\_22\_month\_id

*Original tag:* month\_id

*Dataset citation:* Hegre et al. (2022)

*Description:*

A VIEWS month\_id, where month\_id is a sequence with 1 being January 1980.

#### 2.45.1.3 Country Name (`name`)

*Long tag:* views\_cm\_09\_22\_name

*Original tag:* name

*Dataset citation:* Hegre et al. (2022)

*Description:*

Country name

#### 2.45.1.4 GW Country Code (`gwcode`)

*Long tag:* views\_cm\_09\_22\_gwcode

*Original tag:* gwcode

*Dataset citation:* Hegre et al. (2022)

*Description:*

Gleditsch and Ward numeric Country Code

#### 2.45.1.5 ISO Code (`isoab`)

*Long tag:* views\_cm\_09\_22\_isoab

*Original tag:* isoab

*Dataset citation:* Hegre et al. (2022)

*Description:*

ISO 3-letter country code.

#### 2.45.1.6 Year (`year`)

*Long tag:* views\_cm\_09\_22\_year

*Original tag:* year

*Dataset citation:* Hegre et al. (2022)

*Description:*

Year for which scores are predicted.

#### 2.45.1.7 Month (month)

*Long tag:* views\_cm\_09\_22\_month

*Original tag:* month

*Dataset citation:* Hegre et al. (2022)

*Description:*

Month of the year for which scores are predicted.

### 2.45.2 Predictions

Variables in this section present the VIEWS predictions for state-based conflict over a rolling three-year forecasting window. The month and year listed in the dataset name(s) and dataset tag(s) refer to the last month of input data informing the predictions at hand.

#### 2.45.2.1 Country-month state-based fatalities predictions (sc\_cm\_sb\_main)

*Long tag:* views\_cm\_09\_22\_sc\_cm\_sb\_main

*Original tag:* sc\_cm\_sb\_main

*Dataset citation:* Hegre et al. (2022)

*Description:*

**Originating from:** Main ensemble model for number of fatalities in state-based conflict at the country-month level of analysis.

**Development ID:** fatalities001, please see <https://github.com/priodata/viewforecasting/blob/main/CHANGELOG.md>.

**Outcome:** Continuous predictions for the number of fatalities per country-month in impending state-based conflict.

**Type of Violence:** State-based conflict, as defined and compiled by the Uppsala Conflict Data Program (Sundberg & Melander, 2013), please see <https://www.pcr.uu.se/research/ucdp/definitions/>.

**Level of Analysis:** Country-month. The set of countries is derived from the Gleditsch & Ward (1999) list of independent states, and their geographical extent from CShapes 0.6 (Weidmann, Kuse & Gleditsch, 2010).

**Description:** Predicted number of fatalities in impending conflict at country-month level of analysis, expressed in natural logged form plus 1 [ $\ln(Y+1)$ ]. The predictions are produced by a genetic ensemble trained for this type of violence and level of analysis. For more information about the ensemble and the current composition of its constituent models (sub-models), please see <https://github.com/prio-data/viewforecasting/blob/main/CHANGELOG.md> and <https://www.divaportal.org/smash/get/diva2:1667048/FULLTEXT01.pdf>.

#### 2.45.2.2 Country-month state-based dichotomous probability predictions (sc\_cm\_sb\_dich\_main)

*Long tag:* views\_cm\_09\_22\_sc\_cm\_sb\_dich\_main

*Original tag:* sc\_cm\_sb\_dich\_main

*Dataset citation:* Hegre et al. (2022)



*Description:*

**Originating from:** Main ensemble model for number of fatalities in state-based conflict at the country-month level of analysis.

**Development ID:** fatalities001, please see <https://github.com/prio-data/viewsforecasting/blob/main/CHANGELOG.md>.

**Outcome:** Dichotomous predictions for the probability of at least 25 BRDs per country-month in impending state-based conflict.

**Type of Violence:** State-based conflict, as defined and compiled by the Uppsala Conflict Data Program (Sundberg & Melander, 2013), please see <https://www.pcr.uu.se/research/ucdp/definitions/>.

**Level of Analysis:** Country-month. The set of countries is derived from the Gleditsch & Ward (1999) list of independent states, and their geographical extent from CShapes 0.6 (Weidmann, Kuse & Gleditsch, 2010).

**Description:** Predicted probability of at least 25 battle-related deaths (BRDs) per country-month, derived from the country-level ensemble predictions. For more information about the ensemble underlying these predictions (sc\_cm\_sb\_main) and the current composition of its constituent models (sub-models), please see <https://github.com/priodata/viewsforecasting/blob/main/CHANGELOG.md> and <https://www.divaportal.org/smash/get/diva2:1667048/FULLTEXT01.pdf>.

## 2.46 VIEWS Country-Month Conflict Predictions (Last Input Data: September 2023)

**Dataset tag:** views\_cm\_09\_23

**Output Unit:** VIEWS Country-Month, i.e., data is predicted per country and month. This means that each row in the dataset can be identified through a combination of the variables country\_id and month\_id.

Rows in the dataset can also be identified through a combination of month\_id and isoab, gwcode or name.

*Description:*

A global dataset containing the Violence and Impacts Early-Warning System predictions for state-based conflict per country and month over a rolling three-year forecasting window. The month and year listed in the dataset name refer to the last month of input data informing the predictions. The forecasts are provided as point predictions for the number of people that will be killed per country and month (expressed in both logged and non-logged form), as well as in the form of dichotomous predictions for the probability that at least 25 battle-related deaths will be reached or exceeded in any country-month).

*Dataset citation:*

Hegre, H. et al. (2022) 'Forecasting fatalities', Uppsala University, Technical report. URN: urn:nbn:se:uu:diva-476476.

Hegre, H. et al. (2021) 'ViEWS2020: Revising and evaluating the ViEWS political Violence Early-Warning System', *Journal of Peace Research*, 58(3), pp. 599–611. doi:10.1177/0022343320962157.

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More detailed information on the dataset can be found at the following web page: <https://viewsforecasting.org/resources/#downloads> and

<https://viewsforecasting.org/methodology/definitions/>

### 2.46.1 Identifier Variables

Variables or combination of variables in this section identify rows in the dataset.

#### 2.46.1.1 Country ID (`country_id`)

*Long tag:* views\_cm\_09\_23\_country\_id

*Original tag:* country\_id

*Dataset citation:* Hegre et al. (2022)

*Description:*

VIEWS Country ID

#### 2.46.1.2 Month ID (`month_id`)

*Long tag:* views\_cm\_09\_23\_month\_id

*Original tag:* month\_id

*Dataset citation:* Hegre et al. (2022)

*Description:*

A VIEWS month\_id, where month\_id is a sequence with 1 being January 1980.

#### 2.46.1.3 Country Name (`name`)

*Long tag:* views\_cm\_09\_23\_name

*Original tag:* name

*Dataset citation:* Hegre et al. (2022)

*Description:*

Country name

#### 2.46.1.4 GW Country Code (`gwcode`)

*Long tag:* views\_cm\_09\_23\_gwcode

*Original tag:* gwcode

*Dataset citation:* Hegre et al. (2022)

*Description:*

Gleditsch and Ward numeric Country Code

#### 2.46.1.5 ISO Code (`isoab`)

*Long tag:* views\_cm\_09\_23\_isoab

*Original tag:* isoab

*Dataset citation:* Hegre et al. (2022)

*Description:*

ISO 3-letter country code.

#### 2.46.1.6 Year (`year`)

*Long tag:* views\_cm\_09\_23\_year

*Original tag:* year

*Dataset citation:* Hegre et al. (2022)

*Description:*

Year for which scores are predicted.

#### 2.46.1.7 Month (`month`)

*Long tag:* views\_cm\_09\_23\_month

*Original tag:* month

*Dataset citation:* Hegre et al. (2022)

*Description:*

Month of the year for which scores are predicted.

## 2.46.2 Predictions

Variables in this section present the VIEWS predictions for state-based conflict over a rolling three-year forecasting window. The month and year listed in the dataset name(s) and dataset tag(s) refer to the last month of input data informing the predictions at hand.

### 2.46.2.1 Predicted log number of fatalities (main\_mean\_ln)

*Long tag:* views\_cm\_09\_23\_main\_mean\_ln

*Original tag:* main\_mean\_ln

*Dataset citation:* Hegre et al. (2022)

*Description:*

Point prediction of the log number of fatalities in impending conflict, presented per type of violence and level of analysis. Expressed in natural logged form plus 1  $[\ln(Y+1)]$ .

### 2.46.2.2 Predicted number of fatalities (main\_mean)

*Long tag:* views\_cm\_09\_23\_main\_mean

*Original tag:* main\_mean

*Dataset citation:* Hegre et al. (2022)

*Description:*

Point prediction of the number of fatalities in impending conflict, presented per type of violence and level of analysis.

### 2.46.2.3 Predicted probability of conflict (main\_dich)

*Long tag:* views\_cm\_09\_23\_main\_dich

*Original tag:* main\_dich

*Dataset citation:* Hegre et al. (2022)

*Description:*

Predicted probability of at least 25 battle-related deaths (BRDs) per country-month. Estimated from the ensemble model results of the VIEWS model for the applicable type of violence and level of analysis.

## 2.47 VIEWS Country-Month Conflict Predictions (Last Input Data: October 2022)

*Dataset tag:* views\_cm\_10\_22

**Output Unit:** VIEWS Country-Month, i.e., data is predicted per country and month. This means that each row in the dataset can be identified through a combination of the variables `country_id` and `month_id`.

Rows in the dataset can also be identified through a combination of `month_id` and `isoab`, `gwcode` or `name`.

**Description:**

A global dataset containing the Violence Impacts Early-Warning System predictions for state-based conflict over a rolling three-year forecasting window. The month and year listed in the dataset name refer to the last month of input data informing the predictions. The forecasts are provided as point predictions for the number of people killed per country and month (expressed in

natural logged form plus 1, i.e.  $\ln(\text{fatalities}+1)$ ).

**Dataset citation:**

Hegre, H. et al. (2022) ‘Forecasting fatalities’, Uppsala University, Technical report. URN: urn:nbn:se:uu:diva-476476.

Hegre, H. et al. (2021) ‘ViEWS2020: Revising and evaluating the ViEWS political Violence Early-Warning System’, *Journal of Peace Research*, 58(3), pp. 599–611. doi:10.1177/0022343320962157.

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More detailed information on the dataset can be found at the following web page:

<https://viewsforecasting.org/resources/#downloads>

and

<https://viewsforecasting.org/methodology/definitions/>

### 2.47.1 Identifier Variables

Variables or combination of variables in this section identify rows in the dataset.

#### 2.47.1.1 Country ID (country\_id)

*Long tag:* views\_cm\_10\_22\_country\_id

*Original tag:* country\_id

*Dataset citation:* Hegre et al. (2022)

*Description:*

VIEWS Country ID

#### 2.47.1.2 Month ID (month\_id)

*Long tag:* views\_cm\_10\_22\_month\_id

*Original tag:* month\_id

*Dataset citation:* Hegre et al. (2022)

*Description:*

A VIEWS month\_id, where month\_id is a sequence with 1 being January 1980.

#### 2.47.1.3 Country Name (name)

*Long tag:* views\_cm\_10\_22\_name

*Original tag:* name

*Dataset citation:* Hegre et al. (2022)

*Description:*

Country name

#### 2.47.1.4 GW Country Code (gwcode)

*Long tag:* views\_cm\_10\_22\_gwcode

*Original tag:* gwcode

*Dataset citation:* Hegre et al. (2022)

*Description:*

Gleditsch and Ward numeric Country Code

#### 2.47.1.5 ISO Code (isoab)

*Long tag:* views\_cm\_10\_22\_isoab

*Original tag:* isoab

*Dataset citation:* Hegre et al. (2022)

*Description:*

ISO 3-letter country code.

**2.47.1.6 Year (year)**

*Long tag:* views\_cm\_10\_22\_year

*Original tag:* year

*Dataset citation:* Hegre et al. (2022)

*Description:*

Year for which scores are predicted.

**2.47.1.7 Month (month)**

*Long tag:* views\_cm\_10\_22\_month

*Original tag:* month

*Dataset citation:* Hegre et al. (2022)

*Description:*

Month of the year for which scores are predicted.

**2.47.2 Predictions**

Variables in this section present the VIEWS predictions for state-based conflict over a rolling three-year forecasting window. The month and year listed in the dataset name(s) and dataset tag(s) refer to the last month of input data informing the predictions at hand. To learn about the type(s) of violence predicted in the VIEWS datasets, and the level(s) of analysis for which they are presented, please visit <https://viewsforecasting.org/methodology/definitions/>.

**2.47.2.1 Country-month state-based fatalities predictions (sc\_cm\_sb\_main)**

*Long tag:* views\_cm\_10\_22\_sc\_cm\_sb\_main

*Original tag:* sc\_cm\_sb\_main

*Dataset citation:* Hegre et al. (2022)

*Description:*

**Originating from:** Main ensemble model for number of fatalities in state-based conflict at the country-month level of analysis.

**Development ID:** fatalities001, please see <https://github.com/priodata/viewsforecasting/blob/main/CHANGELOG.md>.

**Outcome:** Continuous predictions for the number of fatalities per country-month in impending state-based conflict.

**Type of Violence:** State-based conflict, as defined and compiled by the Uppsala Conflict Data Program (Sundberg & Melander, 2013), please see <https://www.pcr.uu.se/research/ucdp/definitions/>.

**Level of Analysis:** Country-month. The set of countries is derived from the Gleditsch & Ward (1999) list of independent states, and their geographical extent from CShapes 0.6 (Weidmann, Kuse & Gleditsch, 2010).

**Description:** Predicted number of fatalities in impending conflict at country-month level of analysis, expressed in natural logged form plus 1 [ $\ln(Y+1)$ ]. The predictions are produced by a genetic ensemble trained for this type of violence and level of analysis. For more information about the ensemble and the current composition of its constituent models (sub-models), please see <https://github.com/prio-data/viewsforecasting/blob/main/CHANGELOG.md> and <https://www.divaportal.org/smash/get/diva2:1667048/FULLTEXT01.pdf>.

### 2.47.2.2 Country-month state-based dichotomous probability predictions (sc\_cm\_sb\_dich\_main)

*Long tag:* views\_cm\_10\_22\_sc\_cm\_sb\_dich\_main

*Original tag:* sc\_cm\_sb\_dich\_main

*Dataset citation:* Hegre et al. (2022)

*Description:*

**Originating from:** Main ensemble model for number of fatalities in state-based conflict at the country-month level of analysis.

**Development ID:** fatalities001, please see <https://github.com/prio-data/viewsforecasting/blob/main/CHANGELOG.md>.

**Outcome:** Dichotomous predictions for the probability of at least 25 BRDs per country-month in impending state-based conflict.

**Type of Violence:** State-based conflict, as defined and compiled by the Uppsala Conflict Data Program (Sundberg & Melander, 2013), please see <https://www.pcr.uu.se/research/ucdp/definitions/>.

**Level of Analysis:** Country-month. The set of countries is derived from the Gleditsch & Ward (1999) list of independent states, and their geographical extent from CShapes 0.6 (Weidmann, Kuse & Gleditsch, 2010).

**Description:** Predicted probability of at least 25 battle-related deaths (BRDs) per country-month, derived from the country-level ensemble predictions. For more information about the ensemble underlying these predictions (sc\_cm\_sb\_main) and the current composition of its constituent models (sub-models), please see <https://github.com/priodata/\viewsforecasting/blob/main/CHANGELOG.md> and <https://www.divaportal.org/smash/get/diva2:1667048/FULLTEXT01.pdf>.

## 2.48 VIEWS Country-Month Conflict Predictions (Last Input Data: October 2023)

*Dataset tag:* views\_cm\_10\_23

**Output Unit:** VIEWS Country-Month, i.e., data is predicted per country and month. This means that each row in the dataset can be identified through a combination of the variables country\_id and month\_id.

Rows in the dataset can also be identified through a combination of month\_id and isoab, gwcode or name.

**Description:**

A global dataset containing the Violence and Impacts Early-Warning System predictions for state-based conflict per country and month over a rolling three-year forecasting window. The month and year listed in the dataset name refer to the last month of input data informing the predictions. The forecasts are provided as point predictions for the number of people that will be killed per country and month (expressed in both logged and non-logged form), as well as in the form of dichotomous predictions for the probability that at least 25 battle-related deaths will be reached or exceeded in any country-month).

**Dataset citation:**

Hegre, H. et al. (2022) 'Forecasting fatalities', Uppsala University, Technical report. URN: urn:nbn:se:uu:diva-476476.

Hegre, H. et al. (2021) 'ViEWS2020: Revising and evaluating the ViEWS political Violence Early-Warning System', *Journal of Peace Research*, 58(3), pp. 599–611. doi:10.1177/0022343320962157.

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More detailed information on the dataset can be found at the following web page:

<https://viewsforecasting.org/resources/#downloads>

and

<https://viewsforecasting.org/methodology/definitions/>

### 2.48.1 Identifier Variables

Variables or combination of variables in this section identify rows in the dataset.

#### 2.48.1.1 Country ID (`country_id`)

*Long tag:* `views_cm_10_23_country_id`

*Original tag:* `country_id`

*Dataset citation:* Hegre et al. (2022)

*Description:*

VIEWS Country ID

#### 2.48.1.2 Month ID (`month_id`)

*Long tag:* `views_cm_10_23_month_id`

*Original tag:* `month_id`

*Dataset citation:* Hegre et al. (2022)

*Description:*

A VIEWS `month_id`, where `month_id` is a sequence with 1 being January 1980.

#### 2.48.1.3 Country Name (`name`)

*Long tag:* `views_cm_10_23_name`

*Original tag:* `name`

*Dataset citation:* Hegre et al. (2022)

*Description:*

Country name

#### 2.48.1.4 GW Country Code (`gwcode`)

*Long tag:* `views_cm_10_23_gwcode`

*Original tag:* `gwcode`

*Dataset citation:* Hegre et al. (2022)

*Description:*

Gleditsch and Ward numeric Country Code

#### 2.48.1.5 ISO Code (`isoab`)

*Long tag:* `views_cm_10_23_isoab`

*Original tag:* `isoab`

*Dataset citation:* Hegre et al. (2022)

*Description:*

ISO 3-letter country code.

#### 2.48.1.6 Year (`year`)

*Long tag:* `views_cm_10_23_year`

*Original tag:* `year`

*Dataset citation:* Hegre et al. (2022)

*Description:*

Year for which scores are predicted.

**2.48.1.7 Month (month)**

*Long tag:* views\_cm\_10\_23\_month

*Original tag:* month

*Dataset citation:* Hegre et al. (2022)

*Description:*

Month of the year for which scores are predicted.

**2.48.2 Predictions**

Variables in this section present the VIEWS predictions for state-based conflict over a rolling three-year forecasting window. The month and year listed in the dataset name(s) and dataset tag(s) refer to the last month of input data informing the predictions at hand.

**2.48.2.1 Predicted log number of fatalities (main\_mean\_ln)**

*Long tag:* views\_cm\_10\_23\_main\_mean\_ln

*Original tag:* main\_mean\_ln

*Dataset citation:* Hegre et al. (2022)

*Description:*

Point prediction of the log number of fatalities in impending conflict, presented per type of violence and level of analysis. Expressed in natural logged form plus 1 [ $\ln(Y+1)$ ].

**2.48.2.2 Predicted number of fatalities (main\_mean)**

*Long tag:* views\_cm\_10\_23\_main\_mean

*Original tag:* main\_mean

*Dataset citation:* Hegre et al. (2022)

*Description:*

Point prediction of the number of fatalities in impending conflict, presented per type of violence and level of analysis.

**2.48.2.3 Predicted probability of conflict (main\_dich)**

*Long tag:* views\_cm\_10\_23\_main\_dich

*Original tag:* main\_dich

*Dataset citation:* Hegre et al. (2022)

*Description:*

Predicted probability of at least 25 battle-related deaths (BRDs) per country-month. Estimated from the ensemble model results of the VIEWS model for the applicable type of violence and level of analysis.

**2.49 VIEWS Country-Month Conflict Predictions (Last Input Data: November 2022)**

*Dataset tag:* views\_cm\_11\_22

**Output Unit:** VIEWS Country-Month, i.e., data is predicted per country and month. This means that each row in the dataset can be identified through a combination of the variables country\_id and month\_id.

Rows in the dataset can also be identified through a combination of month\_id and isoab, gwcode or name.



**Description:**

A global dataset containing the Violence Impacts Early-Warning System predictions for state-based conflict over a rolling three-year forecasting window. The month and year listed in the dataset name refer to the last month of input data informing the predictions. The forecasts are provided as point predictions for the number of people killed per country and month (expressed in natural logged form plus 1, i.e.  $\ln(\text{fatalities}+1)$ ).

**Dataset citation:**

Hegre, H. et al. (2022) 'Forecasting fatalities', Uppsala University, Technical report. URN: urn:nbn:se:uu:diva-476476.

Hegre, H. et al. (2021) 'ViEWS2020: Revising and evaluating the ViEWS political Violence Early-Warning System', *Journal of Peace Research*, 58(3), pp. 599–611. doi:10.1177/0022343320962157.

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More detailed information on the dataset can be found at the following web page: <https://viewsforecasting.org/resources/#downloads> and

<https://viewsforecasting.org/methodology/definitions/>

**2.49.1 Identifier Variables**

Variables or combination of variables in this section identify rows in the dataset.

**2.49.1.1 Country ID (country\_id)**

*Long tag:* views\_cm\_11\_22\_country\_id

*Original tag:* country\_id

*Dataset citation:* Hegre et al. (2022)

*Description:*

VIEWS Country ID

**2.49.1.2 Month ID (month\_id)**

*Long tag:* views\_cm\_11\_22\_month\_id

*Original tag:* month\_id

*Dataset citation:* Hegre et al. (2022)

*Description:*

A VIEWS month\_id, where month\_id is a sequence with 1 being January 1980.

**2.49.1.3 Country Name (name)**

*Long tag:* views\_cm\_11\_22\_name

*Original tag:* name

*Dataset citation:* Hegre et al. (2022)

*Description:*

Country name

**2.49.1.4 GW Country Code (gwcode)**

*Long tag:* views\_cm\_11\_22\_gwcode

*Original tag:* gwcode

*Dataset citation:* Hegre et al. (2022)

*Description:*

Gleditsch and Ward numeric Country Code

**2.49.1.5 ISO Code (isoab)***Long tag:* views\_cm\_11\_22\_isoab*Original tag:* isoab*Dataset citation:* Hegre et al. (2022)*Description:*

ISO 3-letter country code.

**2.49.1.6 Year (year)***Long tag:* views\_cm\_11\_22\_year*Original tag:* year*Dataset citation:* Hegre et al. (2022)*Description:*

Year for which scores are predicted.

**2.49.1.7 Month (month)***Long tag:* views\_cm\_11\_22\_month*Original tag:* month*Dataset citation:* Hegre et al. (2022)*Description:*

Month of the year for which scores are predicted.

**2.49.2 Predictions**

Variables in this section present the VIEWS predictions for state-based conflict over a rolling three-year forecasting window. The month and year listed in the dataset name(s) and dataset tag(s) refer to the last month of input data informing the predictions at hand.

**2.49.2.1 Country-month state-based fatalities predictions (sc\_cm\_sb\_main)***Long tag:* views\_cm\_11\_22\_sc\_cm\_sb\_main*Original tag:* sc\_cm\_sb\_main*Dataset citation:* Hegre et al. (2022)*Description:*

**Originating from:** Main ensemble model for number of fatalities in state-based conflict at the country-month level of analysis.

**Development ID:** fatalities001, please see <https://github.com/priodata/viewsforecasting/blob/main/CHANGELOG.md>.

**Outcome:** Continuous predictions for the number of fatalities per country-month in impending state-based conflict.

**Type of Violence:** State-based conflict, as defined and compiled by the Uppsala Conflict Data Program (Sundberg & Melander, 2013), please see <https://www.pcr.uu.se/research/ucdp/definitions/>.

**Level of Analysis:** Country-month. The set of countries is derived from the Gleditsch & Ward (1999) list of independent states, and their geographical extent from CShapes 0.6 (Weidmann, Kuse & Gleditsch, 2010).

**Description:** Predicted number of fatalities in impending conflict at country-month level of analysis, expressed in natural logged form plus 1  $[\ln(Y+1)]$ . The predictions are produced by a genetic ensemble trained for this type of violence and level of analysis. For more information about the ensemble and the current composition of its constituent models (sub-models), please see

<https://github.com/prio-data/viewsforecasting/blob/main/CHANGELOG.md> and  
<https://www.divaportal.org/smash/get/diva2:1667048/FULLTEXT01.pdf>.

### 2.49.2.2 Country-month state-based dichotomous probability predictions (sc\_cm\_sb\_dich\_main)

*Long tag:* views\_cm\_11\_22\_sc\_cm\_sb\_dich\_main

*Original tag:* sc\_cm\_sb\_dich\_main

*Dataset citation:* Hegre et al. (2022)

*Description:*

**Originating from:** Main ensemble model for number of fatalities in state-based conflict at the country-month level of analysis.

**Development ID:** fatalities001, please see  
<https://github.com/prio-data/viewsforecasting/blob/main/CHANGELOG.md>.

**Outcome:** Dichotomous predictions for the probability of at least 25 BRDs per country-month in impending state-based conflict.

**Type of Violence:** State-based conflict, as defined and compiled by the Uppsala Conflict Data Program (Sundberg & Melander, 2013), please see  
<https://www.pcr.uu.se/research/ucdp/definitions/>.

**Level of Analysis:** Country-month. The set of countries is derived from the Gleditsch & Ward (1999) list of independent states, and their geographical extent from CShapes 0.6 (Weidmann, Kuse & Gleditsch, 2010).

**Description:** Predicted probability of at least 25 battle-related deaths (BRDs) per country-month, derived from the country-level ensemble predictions. For more information about the ensemble underlying these predictions (sc\_cm\_sb\_main) and the current composition of its constituent models (sub-models), please see <https://github.com/priodata/\viewsforecasting/blob/main/CHANGELOG.md> and <https://www.divaportal.org/smash/get/diva2:1667048/FULLTEXT01.pdf>.

## 2.50 VIEWS Country-Month Conflict Predictions (Last Input Data: November 2023)

*Dataset tag:* views\_cm\_11\_23

**Output Unit:** VIEWS Country-Month, i.e., data is predicted per country and month. This means that each row in the dataset can be identified through a combination of the variables country\_id and month\_id.

Rows in the dataset can also be identified through a combination of month\_id and isoab, gwcode or name.

**Description:**

A global dataset containing the Violence and Impacts Early-Warning System predictions for state-based conflict per country and month over a rolling three-year forecasting window. The month and year listed in the dataset name refer to the last month of input data informing the predictions. The forecasts are provided as point predictions for the number of people that will be killed per country and month (expressed in both logged and non-logged form), as well as in the form of dichotomous predictions for the probability that at least 25 battle-related deaths will be reached or exceeded in any country-month).

**Dataset citation:**

Hegre, H. et al. (2022) 'Forecasting fatalities', Uppsala University, Technical report. URN: urn:nbn:se:uu:diva-476476.

Hegre, H. et al. (2021) ‘ViEWS2020: Revising and evaluating the ViEWS political Violence Early-Warning System’, *Journal of Peace Research*, 58(3), pp. 599–611. doi:10.1177/0022343320962157.

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More detailed information on the dataset can be found at the following web page:  
<https://viewsforecasting.org/resources/#downloads> and  
<https://viewsforecasting.org/methodology/definitions/>

### 2.50.1 Identifier Variables

Variables or combination of variables in this section identify rows in the dataset.

#### 2.50.1.1 Country ID (country\_id)

*Long tag:* views\_cm\_11\_23\_country\_id

*Original tag:* country\_id

*Dataset citation:* Hegre et al. (2022)

*Description:*

VIEWS Country ID

#### 2.50.1.2 Month ID (month\_id)

*Long tag:* views\_cm\_11\_23\_month\_id

*Original tag:* month\_id

*Dataset citation:* Hegre et al. (2022)

*Description:*

A VIEWS month\_id, where month\_id is a sequence with 1 being January 1980.

#### 2.50.1.3 Country Name (name)

*Long tag:* views\_cm\_11\_23\_name

*Original tag:* name

*Dataset citation:* Hegre et al. (2022)

*Description:*

Country name

#### 2.50.1.4 GW Country Code (gwcode)

*Long tag:* views\_cm\_11\_23\_gwcode

*Original tag:* gwcode

*Dataset citation:* Hegre et al. (2022)

*Description:*

Gleditsch and Ward numeric Country Code

#### 2.50.1.5 ISO Code (isoab)

*Long tag:* views\_cm\_11\_23\_isoab

*Original tag:* isoab

*Dataset citation:* Hegre et al. (2022)

*Description:*

ISO 3-letter country code.

#### 2.50.1.6 Year (year)

*Long tag:* views\_cm\_11\_23\_year

*Original tag:* year

*Dataset citation:* Hegre et al. (2022)

*Description:*

Year for which scores are predicted.

### 2.50.1.7 Month (month)

*Long tag:* views\_cm\_11\_23\_month

*Original tag:* month

*Dataset citation:* Hegre et al. (2022)

*Description:*

Month of the year for which scores are predicted.

## 2.50.2 Predictions

Variables in this section present the VIEWS predictions for state-based conflict over a rolling three-year forecasting window. The month and year listed in the dataset name(s) and dataset tag(s) refer to the last month of input data informing the predictions at hand.

### 2.50.2.1 Predicted log number of fatalities (main\_mean\_ln)

*Long tag:* views\_cm\_11\_23\_main\_mean\_ln

*Original tag:* main\_mean\_ln

*Dataset citation:* Hegre et al. (2022)

*Description:*

Point prediction of the log number of fatalities in impending conflict, presented per type of violence and level of analysis. Expressed in natural logged form plus 1 [ $\ln(Y+1)$ ].

### 2.50.2.2 Predicted number of fatalities (main\_mean)

*Long tag:* views\_cm\_11\_23\_main\_mean

*Original tag:* main\_mean

*Dataset citation:* Hegre et al. (2022)

*Description:*

Point prediction of the number of fatalities in impending conflict, presented per type of violence and level of analysis.

### 2.50.2.3 Predicted probability of conflict (main\_dich)

*Long tag:* views\_cm\_11\_23\_main\_dich

*Original tag:* main\_dich

*Dataset citation:* Hegre et al. (2022)

*Description:*

Predicted probability of at least 25 battle-related deaths (BRDs) per country-month. Estimated from the ensemble model results of the VIEWS model for the applicable type of violence and level of analysis.

## 2.51 VIEWS Country-Month Conflict Predictions (Last Input Data: December 2022)

*Dataset tag:* views\_cm\_12\_22

**Output Unit:** VIEWS Country-Month, i.e., data is predicted per country and month. This means that each row in the dataset can be identified through a combination of the variables `country_id` and `month_id`.

Rows in the dataset can also be identified through a combination of month\_id and isoab, gwcode or name.

**Description:**

A global dataset containing the Violence Impacts Early-Warning System predictions for state-based conflict over a rolling three-year forecasting window. The month and year listed in the dataset name refer to the last month of input data informing the predictions. The forecasts are provided as point predictions for the number of people killed per country and month (expressed in natural logged form plus 1, i.e.  $\ln(\text{fatalities}+1)$ ).

**Dataset citation:**

Hegre, H. et al. (2022) ‘Forecasting fatalities’, Uppsala University, Technical report. URN: urn:nbn:se:uu:diva-476476.

Hegre, H. et al. (2021) ‘ViEWS2020: Revising and evaluating the ViEWS political Violence Early-Warning System’, *Journal of Peace Research*, 58(3), pp. 599–611. doi:10.1177/0022343320962157.

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More detailed information on the dataset can be found at the following web page:

<https://viewsforecasting.org/resources/#downloads>

and

<https://viewsforecasting.org/methodology/definitions/>

### 2.51.1 Identifier Variables

Variables or combination of variables in this section identify rows in the dataset.

#### 2.51.1.1 Country ID (country\_id)

*Long tag:* views\_cm\_12\_22\_country\_id

*Original tag:* country\_id

*Dataset citation:* Hegre et al. (2022)

*Description:*

VIEWS Country ID

#### 2.51.1.2 Month ID (month\_id)

*Long tag:* views\_cm\_12\_22\_month\_id

*Original tag:* month\_id

*Dataset citation:* Hegre et al. (2022)

*Description:*

A VIEWS month\_id, where month\_id is a sequence with 1 being January 1980.

#### 2.51.1.3 Country Name (name)

*Long tag:* views\_cm\_12\_22\_name

*Original tag:* name

*Dataset citation:* Hegre et al. (2022)

*Description:*

Country name

#### 2.51.1.4 GW Country Code (gwcode)

*Long tag:* views\_cm\_12\_22\_gwcode

*Original tag:* gwcode

*Dataset citation:* Hegre et al. (2022)

*Description:*

Gleditsch and Ward numeric Country Code

#### 2.51.1.5 ISO Code (isoab)

*Long tag:* views\_cm\_12\_22\_isoab

*Original tag:* isoab

*Dataset citation:* Hegre et al. (2022)

*Description:*

ISO 3-letter country code.

#### 2.51.1.6 Year (year)

*Long tag:* views\_cm\_12\_22\_year

*Original tag:* year

*Dataset citation:* Hegre et al. (2022)

*Description:*

Year for which scores are predicted.

#### 2.51.1.7 Month (month)

*Long tag:* views\_cm\_12\_22\_month

*Original tag:* month

*Dataset citation:* Hegre et al. (2022)

*Description:*

Month of the year for which scores are predicted.

### 2.51.2 Predictions

Variables in this section present the VIEWS predictions for state-based conflict over a rolling three-year forecasting window. The month and year listed in the dataset name(s) and dataset tag(s) refer to the last month of input data informing the predictions at hand.

#### 2.51.2.1 Country-month state-based fatalities predictions (sc\_cm\_sb\_main)

*Long tag:* views\_cm\_12\_22\_sc\_cm\_sb\_main

*Original tag:* sc\_cm\_sb\_main

*Dataset citation:* Hegre et al. (2022)

*Description:*

**Originating from:** Main ensemble model for number of fatalities in state-based conflict at the country-month level of analysis.

**Development ID:** fatalities001, please see <https://github.com/priodata/viewsforecasting/blob/main/CHANGELOG.md>.

**Outcome:** Continuous predictions for the number of fatalities per country-month in impending state-based conflict.

**Type of Violence:** State-based conflict, as defined and compiled by the Uppsala Conflict Data Program (Sundberg & Melander, 2013), please see <https://www.pcr.uu.se/research/ucdp/definitions/>.

**Level of Analysis:** Country-month. The set of countries is derived from the Gleditsch & Ward (1999) list of independent states, and their geographical extent from CShapes 0.6 (Weidmann, Kuse & Gleditsch, 2010).

**Description:** Predicted number of fatalities in impending conflict at country-month level of analysis, expressed in natural logged form plus 1 [ $\ln(Y+1)$ ]. The predictions are produced by a genetic ensemble trained for this type of violence and level of analysis. For more information about the ensemble and the current composition of its constituent models (sub-models), please see <https://github.com/prio-data/viewsforecasting/blob/main/CHANGELOG.md> and <https://www.divaportal.org/smash/get/diva2:1667048/FULLTEXT01.pdf>.

### 2.51.2.2 Country-month state-based dichotomous probability predictions (sc\_cm\_sb\_dich\_main)

*Long tag:* views\_cm\_12\_22\_sc\_cm\_sb\_dich\_main

*Original tag:* sc\_cm\_sb\_dich\_main

*Dataset citation:* Hegre et al. (2022)

*Description:*

**Originating from:** Main ensemble model for number of fatalities in state-based conflict at the country-month level of analysis.

**Development ID:** fatalities001, please see <https://github.com/prio-data/viewsforecasting/blob/main/CHANGELOG.md>.

**Outcome:** Dichotomous predictions for the probability of at least 25 BRDs per country-month in impending state-based conflict.

**Type of Violence:** State-based conflict, as defined and compiled by the Uppsala Conflict Data Program (Sundberg & Melander, 2013), please see <https://www.pcr.uu.se/research/ucdp/definitions/>.

**Level of Analysis:** Country-month. The set of countries is derived from the Gleditsch & Ward (1999) list of independent states, and their geographical extent from CShapes 0.6 (Weidmann, Kuse & Gleditsch, 2010).

**Description:** Predicted probability of at least 25 battle-related deaths (BRDs) per country-month, derived from the country-level ensemble predictions. For more information about the ensemble underlying these predictions (sc\_cm\_sb\_main) and the current composition of its constituent models (sub-models), please see <https://github.com/priodata/viewsforecasting/blob/main/CHANGELOG.md> and <https://www.divaportal.org/smash/get/diva2:1667048/FULLTEXT01.pdf>.

## 2.52 VIEWS Country-Month Conflict Predictions (Last Input Data: December 2023)

*Dataset tag:* views\_cm\_12\_23

**Output Unit:** VIEWS Country-Month, i.e., data is predicted per country and month. This means that each row in the dataset can be identified through a combination of the variables country\_id and month\_id. Rows in the dataset can also be identified through a combination of month\_id and isoab, gwcode or name.

**Description:**

A global dataset containing the Violence and Impacts Early-Warning System predictions for state-based conflict per country and month over a rolling three-year forecasting window. The month and year listed in the dataset name refer to the last month of input data informing the predictions. The forecasts are provided as point predictions for the number of people that will be killed per country and month (expressed in both logged and non-logged form), as well as in the form of dichotomous predictions for the probability that at least 25 battle-related deaths will be reached or exceeded in any country-month).



**Dataset citation:**

Hegre, H. et al. (2022) 'Forecasting fatalities', Uppsala University, Technical report. URN: urn:nbn:se:uu:diva-476476.

Hegre, H. et al. (2021) 'ViEWS2020: Revising and evaluating the ViEWS political Violence Early-Warning System', *Journal of Peace Research*, 58(3), pp. 599–611. doi:10.1177/0022343320962157.

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More detailed information on the dataset can be found at the following web page: <https://viewsforecasting.org/resources/#downloads> and

<https://viewsforecasting.org/methodology/definitions/>

**2.52.1 Identifier Variables**

Variables or combination of variables in this section identify rows in the dataset.

**2.52.1.1 Country ID (country\_id)**

*Long tag:* views\_cm\_12\_23\_country\_id

*Original tag:* country\_id

*Dataset citation:* Hegre et al. (2022)

*Description:*

VIEWS Country ID

**2.52.1.2 Month ID (month\_id)**

*Long tag:* views\_cm\_12\_23\_month\_id

*Original tag:* month\_id

*Dataset citation:* Hegre et al. (2022)

*Description:*

A VIEWS month\_id, where month\_id is a sequence with 1 being January 1980.

**2.52.1.3 Country Name (name)**

*Long tag:* views\_cm\_12\_23\_name

*Original tag:* name

*Dataset citation:* Hegre et al. (2022)

*Description:*

Country name

**2.52.1.4 GW Country Code (gwcode)**

*Long tag:* views\_cm\_12\_23\_gwcode

*Original tag:* gwcode

*Dataset citation:* Hegre et al. (2022)

*Description:*

Gleditsch and Ward numeric Country Code

**2.52.1.5 ISO Code (isoab)**

*Long tag:* views\_cm\_12\_23\_isoab

*Original tag:* isoab

*Dataset citation:* Hegre et al. (2022)

*Description:*

ISO 3-letter country code.

**2.52.1.6 Year (year)***Long tag:* views\_cm\_12\_23\_year*Original tag:* year*Dataset citation:* Hegre et al. (2022)*Description:*

Year for which scores are predicted.

**2.52.1.7 Month (month)***Long tag:* views\_cm\_12\_23\_month*Original tag:* month*Dataset citation:* Hegre et al. (2022)*Description:*

Month of the year for which scores are predicted.

**2.52.2 Predictions**

Variables in this section present the VIEWS predictions for state-based conflict over a rolling three-year forecasting window. The month and year listed in the dataset name(s) and dataset tag(s) refer to the last month of input data informing the predictions at hand.

**2.52.2.1 Predicted log number of fatalities (main\_mean\_ln)***Long tag:* views\_cm\_12\_23\_main\_mean\_ln*Original tag:* main\_mean\_ln*Dataset citation:* Hegre et al. (2022)*Description:*Point prediction of the log number of fatalities in impending conflict, presented per type of violence and level of analysis. Expressed in natural logged form plus 1 [ $\ln(Y+1)$ ].**2.52.2.2 Predicted number of fatalities (main\_mean)***Long tag:* views\_cm\_12\_23\_main\_mean*Original tag:* main\_mean*Dataset citation:* Hegre et al. (2022)*Description:*

Point prediction of the number of fatalities in impending conflict, presented per type of violence and level of analysis.

**2.52.2.3 Predicted probability of conflict (main\_dich)***Long tag:* views\_cm\_12\_23\_main\_dich*Original tag:* main\_dich*Dataset citation:* Hegre et al. (2022)*Description:*

Predicted probability of at least 25 battle-related deaths (BRDs) per country-month. Estimated from the ensemble model results of the VIEWS model for the applicable type of violence and level of analysis.

**2.53 VIEWS PRIO-GRID-Month Conflict Predictions (Last Input Data: January 2022)***Dataset tag:* views\_pgm\_01\_22*Output Unit:* VIEWS PRIO-GRID Cell-Month, i.e., data is predicted per PRIO-GRID cell and

month. This means that each row in the dataset can be identified through a combination of the variables `pg_id` and `month_id`.

***Description:***

A dataset containing the Violence and Impacts Early-Warning System predictions for state-based conflict in Africa and the Middle East over a rolling three-year forecasting window. The month and year listed in the dataset name refer to the last month of input data informing the predictions. The forecasts are provided as point predictions for the number of people killed per PRIO-GRID cell and month (expressed in natural logged form plus 1, i.e.  $\ln(\text{fatalities}+1)$ ). Each grid cell in the dataset measures 0.5x0.5 decimal degrees, or approximately 55x55 km at the Equator.

***Dataset citation:***

Hegre, H. et al. (2022) ‘Forecasting fatalities’, Uppsala University, Technical report. URN: [urn:nbn:se:uu:diva-476476](https://nbn-resolving.org/urn:nbn:se:uu:diva-476476).

Hegre, H. et al. (2021) ‘ViEWS2020: Revising and evaluating the ViEWS political Violence Early-Warning System’, *Journal of Peace Research*, 58(3), pp. 599–611. doi:10.1177/0022343320962157.

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More detailed information on the dataset can be found at the following web page:

<https://viewsforecasting.org/resources/#downloads>

and

<https://viewsforecasting.org/methodology/definitions/>

### 2.53.1 Identifier Variables

Variables or combination of variables in this section identify rows in the dataset.

#### 2.53.1.1 PRIO-GRID ID (`pg_id`)

*Long tag:* `views_pgm_01_22_pg_id`

*Original tag:* `pg_id`

*Dataset citation:* Hegre et al. (2022)

*Description:*

A PrioGRID grid identifier.

#### 2.53.1.2 Month ID (`month_id`)

*Long tag:* `views_pgm_01_22_month_id`

*Original tag:* `month_id`

*Dataset citation:* Hegre et al. (2022)

*Description:*

A VIEWS `month_id`, where `month_id` is a sequence with 1 being January 1980.

### 2.53.2 Predictions

Variables in this section present the VIEWS predictions for state-based conflict over a rolling three-year forecasting window. The month and year listed in the dataset name(s) and dataset tag(s) refer to the last month of input data informing the predictions at hand.

#### 2.53.2.1 PRIO-GRID-month state-based fatalities predictions (`sc_pgm_sb_main`)

*Long tag:* `views_pgm_01_22_sc_pgm_sb_main`

*Original tag:* `sc_pgm_sb_main`

*Dataset citation:* Hegre et al. (2022)

*Description:*

**Originating from:** Main ensemble model for number of fatalities in state-based conflict at

the PRIO-GRID-month level of analysis.

**Development ID:** fatalities001, please see <https://github.com/prio-data/viewsforecasting/blob/main/CHANGELOG.md>.

**Outcome:** Continuous predictions for the number of fatalities per PRIO-GRID-month in impending state-based conflict.

**Type of Violence:** State-based conflict, as defined and compiled by the Uppsala Conflict Data Program (Sundberg & Melander, 2013), please see <https://www.pcr.uu.se/research/ucdp/definitions/>.

**Level of Analysis:** PRIO-GRID-month. Uses calendar months as the temporal units of analysis, and spatial units derived from PRIO-GRID 2.0 (Tollefsen, Strand & Buhaug, 2012). The latter is a standardized spatial grid structure consisting of quadratic grid cells that jointly cover all areas of the world at a resolution of 0.5 x 0.5 decimal degrees, approximately 55x55 km around the equator.

**Description:** Predicted number of fatalities in impending conflict at PRIO-GRID-month level of analysis, expressed in natural logged form plus 1  $[\ln(Y+1)]$ . The predictions are produced by an unweighted ensemble trained for this type of violence and level of analysis. For more information about the ensemble and the current composition of its constituent models (sub-models), please see <https://github.com/prio-data/viewsforecasting/blob/main/CHANGELOG.md> and <https://www.divaportal.org/smash/get/diva2:1667048/FULLTEXT01.pdf>.

### 2.53.2.2 PRIO-GRID-month state-based dichotomous probability predictions (sc\_pgm\_sb\_dich\_main)

*Long tag:* views\_pgm\_01\_22\_sc\_pgm\_sb\_dich\_main

*Original tag:* sc\_pgm\_sb\_dich\_main

*Dataset citation:* Hegre et al. (2022)

*Description:*

**Originating from:** Main ensemble model for number of fatalities in state-based conflict at the PRIO-GRID-month level of analysis.

**Development ID:** fatalities001, please see <https://github.com/prio-data/viewsforecasting/blob/main/CHANGELOG.md>.

**Outcome:** Dichotomous predictions for the probability of at least 1 BRD per PRIO-GRID-month in impending state-based conflict.

**Type of Violence:** State-based conflict, as defined and compiled by the Uppsala Conflict Data Program (Sundberg & Melander, 2013), please see <https://www.pcr.uu.se/research/ucdp/definitions/>.

**Level of Analysis:** PRIO-GRID-month. Uses calendar months as the temporal units of analysis, and spatial units derived from PRIO-GRID 2.0 (Tollefsen, Strand & Buhaug, 2012). The latter is a standardized spatial grid structure consisting of quadratic grid cells that jointly cover all areas of the world at a resolution of 0.5 x 0.5 decimal degrees, approximately 55x55 km around the equator.

**Description:** Predicted probability of at least 1 battle-related death (BRD) per PRIO-GRID-month, derived from the PRIO-GRID-level ensemble predictions. For more information about the ensemble underlying these predictions (sc\_pgm\_sb\_main) and the current composition of its constituent models (sub-models), please see <https://github.com/priodata/viewsforecasting/blob/main/CHANGELOG.md> and <https://www.divaportal.org/smash/get/diva2:1667048/FULLTEXT01.pdf>

## 2.54 VIEWS PRIO-GRID-Month Conflict Predictions (Last Input Data: January 2023)

**Dataset tag:** views\_pgm\_01\_23

**Output Unit:** VIEWS PRIO-GRID Cell-Month, i.e., data is predicted per PRIO-GRID cell and month. This means that each row in the dataset can be identified through a combination of the variables pg\_id and month\_id.

**Description:**

A dataset containing the Violence and Impacts Early-Warning System predictions for state-based conflict in Africa and the Middle East over a rolling three-year forecasting window. The month and year listed in the dataset name refer to the last month of input data informing the predictions. The forecasts are provided as point predictions for the number of people killed per PRIO-GRID cell and month (expressed in natural logged form plus 1, i.e.  $\ln(\text{fatalities}+1)$ ). Each grid cell in the dataset measures 0.5x0.5 decimal degrees, or approximately 55x55 km at the Equator.

**Dataset citation:**

Hegre, H. et al. (2022) ‘Forecasting fatalities’, Uppsala University, Technical report. URN: urn:nbn:se:uu:diva-476476.

Hegre, H. et al. (2021) ‘ViEWS2020: Revising and evaluating the ViEWS political Violence Early-Warning System’, *Journal of Peace Research*, 58(3), pp. 599–611. doi:10.1177/0022343320962157.

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More detailed information on the dataset can be found at the following web page: <https://viewsforecasting.org/resources/#downloads> and <https://viewsforecasting.org/methodology/definitions/>

### 2.54.1 Identifier Variables

Variables or combination of variables in this section identify rows in the dataset.

#### 2.54.1.1 PRIO-GRID ID (pg\_id)

*Long tag:* views\_pgm\_01\_23\_pg\_id

*Original tag:* pg\_id

*Dataset citation:* Hegre et al. (2022)

*Description:*

A PrioGRID grid identifier.

#### 2.54.1.2 Month ID (month\_id)

*Long tag:* views\_pgm\_01\_23\_month\_id

*Original tag:* month\_id

*Dataset citation:* Hegre et al. (2022)

*Description:*

A VIEWS month\_id, where month\_id is a sequence with 1 being January 1980.

### 2.54.2 Predictions

Variables in this section present the VIEWS predictions for state-based conflict over a rolling three-year forecasting window. The month and year listed in the dataset name(s) and dataset tag(s) refer to the last month of input data informing the predictions at hand. To learn about the type(s) of violence predicted in the VIEWS datasets, and the level(s) of analysis for which they are presented, please visit <https://viewsforecasting.org/methodology/definitions/>.

**2.54.2.1 PRIO-GRID-month state-based fatalities predictions (sc\_pgm\_sb\_main)**

*Long tag:* views\_pgm\_01\_23\_sc\_pgm\_sb\_main

*Original tag:* sc\_pgm\_sb\_main

*Dataset citation:* Hegre et al. (2022)

*Description:*

**Originating from:** Main ensemble model for number of fatalities in state-based conflict at the PRIO-GRID-month level of analysis.

**Development ID:** fatalities001, please see <https://github.com/prio-data/viewforecasting/blob/main/CHANGELOG.md>.

**Outcome:** Continuous predictions for the number of fatalities per PRIO-GRID-month in impending state-based conflict.

**Type of Violence:** State-based conflict, as defined and compiled by the Uppsala Conflict Data Program (Sundberg & Melander, 2013), please see <https://www.pcr.uu.se/research/ucdp/definitions/>.

**Level of Analysis:** PRIO-GRID-month. Uses calendar months as the temporal units of analysis, and spatial units derived from PRIO-GRID 2.0 (Tollefsen, Strand & Buhaug, 2012). The latter is a standardized spatial grid structure consisting of quadratic grid cells that jointly cover all areas of the world at a resolution of 0.5 x 0.5 decimal degrees, approximately 55x55 km around the equator.

**Description:** Predicted number of fatalities in impending conflict at PRIO-GRID-month level of analysis, expressed in natural logged form plus 1  $[\ln(Y+1)]$ . The predictions are produced by an unweighted ensemble trained for this type of violence and level of analysis. For more information about the ensemble and the current composition of its constituent models (sub-models), please see <https://github.com/prio-data/viewforecasting/blob/main/CHANGELOG.md> and <https://www.divaportal.org/smash/get/diva2:1667048/FULLTEXT01.pdf>.

**2.54.2.2 PRIO-GRID-month state-based dichotomous probability predictions (sc\_pgm\_sb\_dich\_main)**

*Long tag:* views\_pgm\_01\_23\_sc\_pgm\_sb\_dich\_main

*Original tag:* sc\_pgm\_sb\_dich\_main

*Dataset citation:* Hegre et al. (2022)

*Description:*

**Originating from:** Main ensemble model for number of fatalities in state-based conflict at the PRIO-GRID-month level of analysis.

**Development ID:** fatalities001, please see <https://github.com/prio-data/viewforecasting/blob/main/CHANGELOG.md>.

**Outcome:** Dichotomous predictions for the probability of at least 1 BRD per PRIO-GRID-month in impending state-based conflict.

**Type of Violence:** State-based conflict, as defined and compiled by the Uppsala Conflict Data Program (Sundberg & Melander, 2013), please see <https://www.pcr.uu.se/research/ucdp/definitions/>.

**Level of Analysis:** PRIO-GRID-month. Uses calendar months as the temporal units of analysis, and spatial units derived from PRIO-GRID 2.0 (Tollefsen, Strand & Buhaug, 2012). The latter is a standardized spatial grid structure consisting of quadratic grid cells that jointly cover all areas of the world at a resolution of 0.5 x 0.5 decimal degrees, approximately 55x55 km around the equator.

**Description:** Predicted probability of at least 1 battle-related death (BRD) per PRIO-GRID-month, derived from the PRIO-GRID-level ensemble predictions. For more information about the ensemble underlying these predictions (`sc_pgm_sb_main`) and the current composition of its constituent models (sub-models), please see <https://github.com/priodata/viewsforecasting/blob/main/CHANGELOG.md> and <https://www.divaportal.org/smash/get/diva2:1667048/FULLTEXT01.pdf>

## 2.55 VIEWS PRIO-GRID-Month Conflict Predictions (Last Input Data: January 2024)

**Dataset tag:** `views_pgm_01_24`

**Output Unit:** VIEWS PRIO-GRID Cell-Month, i.e., data is predicted per PRIO-GRID cell and month. This means that each row in the dataset can be identified through a combination of the variables `pg_id` and `month_id`.

### **Description:**

A dataset containing the Violence and Impacts Early-Warning System predictions for state-based conflict in Africa and the Middle East over a rolling three-year forecasting window. The month and year listed in the dataset name refer to the last month of input data informing the predictions. The forecasts are provided as point predictions for the number of people that will be killed per PRIO-GRID cell and month (expressed in both logged and non-logged form), as well as in the form of dichotomous predictions for the probability that at least one battle-related death will be reached or exceeded in any PRIO-GRID-month. Each grid cell in the dataset measures 0.5x0.5 decimal degrees, or approximately 55x55 km at the Equator.

### **Dataset citation:**

Hegre, H. et al. (2022) 'Forecasting fatalities', Uppsala University, Technical report. URN: `urn:nbn:se:uu:diva-476476`.

Hegre, H. et al. (2021) 'ViEWS2020: Revising and evaluating the ViEWS political Violence Early-Warning System', *Journal of Peace Research*, 58(3), pp. 599–611. doi:10.1177/0022343320962157.

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More detailed information on the dataset can be found at the following web page: <https://viewsforecasting.org/resources/#downloads> and <https://viewsforecasting.org/methodology/definitions/>

### 2.55.1 Identifier Variables

Variables or combination of variables in this section identify rows in the dataset.

#### 2.55.1.1 PRIO-GRID ID (`pg_id`)

*Long tag:* `views_pgm_01_24_pg_id`

*Original tag:* `pg_id`

*Dataset citation:* Hegre et al. (2022)

*Description:*

A PrioGRID grid identifier.

#### 2.55.1.2 Month ID (`month_id`)

*Long tag:* `views_pgm_01_24_month_id`

*Original tag:* `month_id`

*Dataset citation:* Hegre et al. (2022)

*Description:*

A VIEWS month\_id, where month\_id is a sequence with 1 being January 1980.

### 2.55.2 Predictions

Variables in this section present the VIEWS predictions for state-based conflict over a rolling three-year forecasting window. The month and year listed in the dataset name(s) and dataset tag(s) refer to the last month of input data informing the predictions at hand.

#### 2.55.2.1 Predicted log number of fatalities (main\_mean\_ln)

*Long tag:* views\_pgm\_01\_24\_main\_mean\_ln

*Original tag:* main\_mean\_ln

*Dataset citation:* Hegre et al. (2022)

*Description:*

Point prediction of the log number of fatalities in impending conflict, presented per type of violence and level of analysis. Expressed in natural logged form plus 1 [ $\ln(Y+1)$ ].

#### 2.55.2.2 Predicted number of fatalities (main\_mean)

*Long tag:* views\_pgm\_01\_24\_main\_mean

*Original tag:* main\_mean

*Dataset citation:* Hegre et al. (2022)

*Description:*

Point prediction of the number of fatalities in impending conflict, presented per type of violence and level of analysis.

#### 2.55.2.3 Predicted probability of conflict (main\_dich)

*Long tag:* views\_pgm\_01\_24\_main\_dich

*Original tag:* main\_dich

*Dataset citation:* Hegre et al. (2022)

*Description:*

Predicted probability of at least one battle-related death (BRD) per PRIO-GRID-month. Estimated from the ensemble model results of the VIEWS model for the applicable type of violence and level of analysis.

## 2.56 VIEWS PRIO-GRID-MONTH CONFLICT PREDICTIONS (Last Input Data: February 2022)

**Dataset tag:** views\_pgm\_02\_22

**Output Unit:** VIEWS PRIO-GRID Cell-Month, i.e., data is predicted per PRIO-GRID cell and month. This means that each row in the dataset can be identified through a combination of the variables pg\_id and month\_id.

**Description:**

A dataset containing the Violence and Impacts Early-Warning System predictions for state-based conflict in Africa and the Middle East over a rolling three-year forecasting window. The month and year listed in the dataset name refer to the last month of input data informing the predictions. The forecasts are provided as point predictions for the number of people killed per PRIO-GRID cell and month (expressed in natural logged form plus 1, i.e.  $\ln(\text{fatalities}+1)$ ). Each grid cell in the dataset measures 0.5x0.5 decimal degrees, or approximately 55x55 km at the Equator.

**Dataset citation:**



Hegre, H. et al. (2022) ‘Forecasting fatalities’, Uppsala University, Technical report. URN: urn:nbn:se:uu:diva-476476.

Hegre, H. et al. (2021) ‘ViEWS2020: Revising and evaluating the ViEWS political Violence Early-Warning System’, *Journal of Peace Research*, 58(3), pp. 599–611. doi:10.1177/0022343320962157.

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More detailed information on the dataset can be found at the following web page: <https://viewsforecasting.org/resources/#downloads> and <https://viewsforecasting.org/methodology/definitions/>

### 2.56.1 Identifier Variables

Variables or combination of variables in this section identify rows in the dataset.

#### 2.56.1.1 PRIO-GRID ID (pg\_id)

*Long tag:* views\_pgm\_02\_22\_pg\_id

*Original tag:* pg\_id

*Dataset citation:* Hegre et al. (2022)

*Description:*

A PrioGRID grid identifier.

#### 2.56.1.2 Month ID (month\_id)

*Long tag:* views\_pgm\_02\_22\_month\_id

*Original tag:* month\_id

*Dataset citation:* Hegre et al. (2022)

*Description:*

A VIEWS month\_id, where month\_id is a sequence with 1 being January 1980.

### 2.56.2 Predictions

Variables in this section present the VIEWS predictions for state-based conflict over a rolling three-year forecasting window. The month and year listed in the dataset name(s) and dataset tag(s) refer to the last month of input data informing the predictions at hand.

#### 2.56.2.1 PRIO-GRID-month state-based fatalities predictions (sc\_pgm\_sb\_main)

*Long tag:* views\_pgm\_02\_22\_sc\_pgm\_sb\_main

*Original tag:* sc\_pgm\_sb\_main

*Dataset citation:* Hegre et al. (2022)

*Description:*

**Originating from:** Main ensemble model for number of fatalities in state-based conflict at the PRIO-GRID-month level of analysis.

**Development ID:** fatalities001, please see <https://github.com/prio-data/viewsforecasting/blob/main/CHANGELOG.md>.

**Outcome:** Continuous predictions for the number of fatalities per PRIO-GRID-month in impending state-based conflict.

**Type of Violence:** State-based conflict, as defined and compiled by the Uppsala Conflict Data Program (Sundberg & Melander, 2013), please see <https://www.pcr.uu.se/research/ucdp/definitions/>.

**Level of Analysis:** PRIO-GRID-month. Uses calendar months as the temporal units of analysis, and spatial units derived from PRIO-GRID 2.0 (Tollefsen, Strand & Buhaug, 2012). The latter is a standardized spatial grid structure consisting of quadratic grid cells that jointly cover all areas of the world at a resolution of 0.5 x 0.5 decimal degrees, approximately 55x55 km around the equator.

**Description:** Predicted number of fatalities in impending conflict at PRIO-GRID-month level of analysis, expressed in natural logged form plus 1  $[\ln(Y+1)]$ . The predictions are produced by an unweighted ensemble trained for this type of violence and level of analysis. For more information about the ensemble and the current composition of its constituent models (sub-models), please see <https://github.com/prio-data/viewsforecasting/blob/main/CHANGELOG.md> and <https://www.divaportal.org/smash/get/diva2:1667048/FULLTEXT01.pdf>.

### 2.56.2.2 PRIO-GRID-month state-based dichotomous probability predictions (sc\_pgm\_sb\_dich\_main)

*Long tag:* views\_pgm\_02\_22\_sc\_pgm\_sb\_dich\_main

*Original tag:* sc\_pgm\_sb\_dich\_main

*Dataset citation:* Hegre et al. (2022)

*Description:*

**Originating from:** Main ensemble model for number of fatalities in state-based conflict at the PRIO-GRID-month level of analysis.

**Development ID:** fatalities001, please see <https://github.com/prio-data/viewsforecasting/blob/main/CHANGELOG.md>.

**Outcome:** Dichotomous predictions for the probability of at least 1 BRD per PRIO-GRID-month in impending state-based conflict.

**Type of Violence:** State-based conflict, as defined and compiled by the Uppsala Conflict Data Program (Sundberg & Melander, 2013), please see <https://www.pcr.uu.se/research/ucdp/definitions/>.

**Level of Analysis:** PRIO-GRID-month. Uses calendar months as the temporal units of analysis, and spatial units derived from PRIO-GRID 2.0 (Tollefsen, Strand & Buhaug, 2012). The latter is a standardized spatial grid structure consisting of quadratic grid cells that jointly cover all areas of the world at a resolution of 0.5 x 0.5 decimal degrees, approximately 55x55 km around the equator.

**Description:** Predicted probability of at least 1 battle-related death (BRD) per PRIO-GRID-month, derived from the PRIO-GRID-level ensemble predictions. For more information about the ensemble underlying these predictions (sc\_pgm\_sb\_main) and the current composition of its constituent models (sub-models), please see <https://github.com/priodata/viewsforecasting/blob/main/CHANGELOG.md> and <https://www.divaportal.org/smash/get/diva2:1667048/FULLTEXT01.pdf>

## 2.57 VIEWS PRIO-GRID-Month Conflict Predictions (Last Input Data: February 2023)

*Dataset tag:* views\_pgm\_02\_23

**Output Unit:** VIEWS PRIO-GRID Cell-Month, i.e., data is predicted per PRIO-GRID cell and month. This means that each row in the dataset can be identified through a combination of the variables pg\_id and month\_id.

*Description:*

A dataset containing the Violence and Impacts Early-Warning System predictions for state-based conflict in Africa and the Middle East over a rolling three-year forecasting window. The month and year listed in the dataset name refer to the last month of input data informing the predictions. The forecasts are provided as point predictions for the number of people killed per PRIO-GRID cell and month (expressed in natural logged form plus 1, i.e.  $\ln(\text{fatalities}+1)$ ). Each grid cell in the dataset measures 0.5x0.5 decimal degrees, or approximately 55x55 km at the Equator.

**Dataset citation:**

Hegre, H. et al. (2022) ‘Forecasting fatalities’, Uppsala University, Technical report. URN: [urn:nbn:se:uu:diva-476476](https://nbn-resolving.org/urn:nbn:se:uu:diva-476476).

Hegre, H. et al. (2021) ‘ViEWS2020: Revising and evaluating the ViEWS political Violence Early-Warning System’, *Journal of Peace Research*, 58(3), pp. 599–611. doi:10.1177/0022343320962157.

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More detailed information on the dataset can be found at the following web page: <https://viewsforecasting.org/resources/#downloads> and

<https://viewsforecasting.org/methodology/definitions/>

### 2.57.1 Identifier Variables

Variables or combination of variables in this section identify rows in the dataset.

#### 2.57.1.1 PRIO-GRID ID (pg\_id)

*Long tag:* views\_pgm\_02\_23\_pg\_id

*Original tag:* pg\_id

*Dataset citation:* Hegre et al. (2022)

*Description:*

A PrioGRID grid identifier.

#### 2.57.1.2 Month ID (month\_id)

*Long tag:* views\_pgm\_02\_23\_month\_id

*Original tag:* month\_id

*Dataset citation:* Hegre et al. (2022)

*Description:*

A VIEWS month\_id, where month\_id is a sequence with 1 being January 1980.

### 2.57.2 Predictions

Variables in this section present the VIEWS predictions for state-based conflict over a rolling three-year forecasting window. The month and year listed in the dataset name(s) and dataset tag(s) refer to the last month of input data informing the predictions at hand. To learn about the type(s) of violence predicted in the VIEWS datasets, and the level(s) of analysis for which they are presented, please visit <https://viewsforecasting.org/methodology/definitions/>.

#### 2.57.2.1 PRIO-GRID-month state-based fatalities predictions (sc\_pgm\_sb\_main)

*Long tag:* views\_pgm\_02\_23\_sc\_pgm\_sb\_main

*Original tag:* sc\_pgm\_sb\_main

*Dataset citation:* Hegre et al. (2022)

*Description:*

**Originating from:** Main ensemble model for number of fatalities in state-based conflict at the PRIO-GRID-month level of analysis.

**Development ID:** fatalities001, please see  
<https://github.com/prio-data/viewsforecasting/blob/main/CHANGELOG.md>.

**Outcome:** Continuous predictions for the number of fatalities per PRIO-GRID-month in impending state-based conflict.

**Type of Violence:** State-based conflict, as defined and compiled by the Uppsala Conflict Data Program (Sundberg & Melander, 2013), please see  
<https://www.pcr.uu.se/research/ucdp/definitions/>.

**Level of Analysis:** PRIO-GRID-month. Uses calendar months as the temporal units of analysis, and spatial units derived from PRIO-GRID 2.0 (Tollefsen, Strand & Buhaug, 2012). The latter is a standardized spatial grid structure consisting of quadratic grid cells that jointly cover all areas of the world at a resolution of 0.5 x 0.5 decimal degrees, approximately 55x55 km around the equator.

**Description:** Predicted number of fatalities in impending conflict at PRIO-GRID-month level of analysis, expressed in natural logged form plus 1 [ $\ln(Y+1)$ ]. The predictions are produced by an unweighted ensemble trained for this type of violence and level of analysis. For more information about the ensemble and the current composition of its constituent models (sub-models), please see  
<https://github.com/prio-data/viewsforecasting/blob/main/CHANGELOG.md> and  
<https://www.divaportal.org/smash/get/diva2:1667048/FULLTEXT01.pdf>.

### 2.57.2.2 PRIO-GRID-month state-based dichotomous probability predictions (sc\_pgm\_sb\_dich\_main)

*Long tag:* views\_pgm\_02\_23\_sc\_pgm\_sb\_dich\_main

*Original tag:* sc\_pgm\_sb\_dich\_main

*Dataset citation:* Hegre et al. (2022)

*Description:*

**Originating from:** Main ensemble model for number of fatalities in state-based conflict at the PRIO-GRID-month level of analysis.

**Development ID:** fatalities001, please see  
<https://github.com/prio-data/viewsforecasting/blob/main/CHANGELOG.md>.

**Outcome:** Dichotomous predictions for the probability of at least 1 BRD per PRIO-GRID-month in impending state-based conflict.

**Type of Violence:** State-based conflict, as defined and compiled by the Uppsala Conflict Data Program (Sundberg & Melander, 2013), please see  
<https://www.pcr.uu.se/research/ucdp/definitions/>.

**Level of Analysis:** PRIO-GRID-month. Uses calendar months as the temporal units of analysis, and spatial units derived from PRIO-GRID 2.0 (Tollefsen, Strand & Buhaug, 2012). The latter is a standardized spatial grid structure consisting of quadratic grid cells that jointly cover all areas of the world at a resolution of 0.5 x 0.5 decimal degrees, approximately 55x55 km around the equator.

**Description:** Predicted probability of at least 1 battle-related death (BRD) per PRIO-GRID-month, derived from the PRIO-GRID-level ensemble predictions. For more information about the ensemble underlying these predictions (sc\_pgm\_sb\_main) and the current composition of its constituent models (sub-models), please see  
<https://github.com/priodata/viewsforecasting/blob/main/CHANGELOG.md> and  
<https://www.divaportal.org/smash/get/diva2:1667048/FULLTEXT01.pdf>

## 2.58 VIEWS PRIO-GRID-Month Conflict Predictions (Last Input Data: February 2024)

**Dataset tag:** `views_pgm_02_24`

**Output Unit:** VIEWS PRIO-GRID Cell-Month, i.e., data is predicted per PRIO-GRID cell and month. This means that each row in the dataset can be identified through a combination of the variables `pg_id` and `month_id`.

**Description:**

A dataset containing the Violence and Impacts Early-Warning System predictions for state-based conflict in Africa and the Middle East over a rolling three-year forecasting window. The month and year listed in the dataset name refer to the last month of input data informing the predictions. The forecasts are provided as point predictions for the number of people that will be killed per PRIO-GRID cell and month (expressed in both logged and non-logged form), as well as in the form of dichotomous predictions for the probability that at least one battle-related death will be reached or exceeded in any PRIO-GRID-month. Each grid cell in the dataset measures 0.5x0.5 decimal degrees, or approximately 55x55 km at the Equator.

**Dataset citation:**

Hegre, H. et al. (2022) 'Forecasting fatalities', Uppsala University, Technical report. URN: [urn:nbn:se:uu:diva-476476](https://nbn-resolving.org/urn:nbn:se:uu:diva-476476).

Hegre, H. et al. (2021) 'ViEWS2020: Revising and evaluating the ViEWS political Violence Early-Warning System', *Journal of Peace Research*, 58(3), pp. 599–611. doi:10.1177/0022343320962157.

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More detailed information on the dataset can be found at the following web page: <https://viewsforecasting.org/resources/#downloads> and <https://viewsforecasting.org/methodology/definitions/>

### 2.58.1 Identifier

These variables identify rows in the dataset.

#### 2.58.1.1 PRIO-GRID ID (`pg_id`)

*Long tag:* `views_pgm_02_24_pg_id`

*Original tag:* `pg_id`

*Dataset citation:* Hegre et al. (2022)

*Description:*

A PrioGRID grid identifier.

#### 2.58.1.2 Month ID (`month_id`)

*Long tag:* `views_pgm_02_24_month_id`

*Original tag:* `month_id`

*Dataset citation:* Hegre et al. (2022)

*Description:*

A VIEWS `month_id`, where `month_id` is a sequence with 1 being January 1980.

### 2.58.2 Predictions

Variables in this section present the VIEWS predictions for state-based conflict over a rolling three-year forecasting window. The month and year listed in the dataset name(s) and dataset tag(s) refer to the last month of input data informing the predictions at hand.

**2.58.2.1 Predicted log number of fatalities (main\_mean\_ln)**

*Long tag:* views\_pgm\_02\_24\_main\_mean\_ln

*Original tag:* main\_mean\_ln

*Dataset citation:* Hegre et al. (2022)

*Description:*

Point prediction of the log number of fatalities in impending conflict, presented per type of violence and level of analysis. Expressed in natural logged form plus 1 [ $\ln(Y+1)$ ].

**2.58.2.2 Predicted probability of conflict (main\_dich)**

*Long tag:* views\_pgm\_02\_24\_main\_dich

*Original tag:* main\_dich

*Dataset citation:* Hegre et al. (2022)

*Description:*

Predicted probability of at least one battle-related death (BRD) per PRIO-GRID-month. Estimated from the ensemble model results of the VIEWS model for the applicable type of violence and level of analysis.

**2.58.2.3 Predicted number of fatalities (main\_mean)**

*Long tag:* views\_pgm\_02\_24\_main\_mean

*Original tag:* main\_mean

*Dataset citation:* Hegre et al. (2022)

*Description:*

Point prediction of the number of fatalities in impending conflict, presented per type of violence and level of analysis.

**2.59 VIEWS PRIO-GRID-Month Conflict Predictions (Last Input Data: March 2022)**

*Dataset tag:* views\_pgm\_03\_22

**Output Unit:** VIEWS PRIO-GRID Cell-Month, i.e., data is predicted per PRIO-GRID cell and month. This means that each row in the dataset can be identified through a combination of the variables pg\_id and month\_id.

**Description:**

A dataset containing the Violence and Impacts Early-Warning System predictions for state-based conflict in Africa and the Middle East over a rolling three-year forecasting window. The month and year listed in the dataset name refer to the last month of input data informing the predictions. The forecasts are provided as point predictions for the number of people killed per PRIO-GRID cell and month (expressed in natural logged form plus 1, i.e.  $\ln(\text{fatalities}+1)$ ). Each grid cell in the dataset measures 0.5x0.5 decimal degrees, or approximately 55x55 km at the Equator.

**Dataset citation:**

Hegre, H. et al. (2022) 'Forecasting fatalities', Uppsala University, Technical report. URN: urn:nbn:se:uu:diva-476476.

Hegre, H. et al. (2021) 'ViEWS2020: Revising and evaluating the ViEWS political Violence Early-Warning System', *Journal of Peace Research*, 58(3), pp. 599-611. doi:10.1177/0022343320962157.

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More detailed information on the dataset can be found at the following web page:

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and

<https://viewsforecasting.org/methodology/definitions/>

### 2.59.1 Identifier Variables

Variables or combination of variables in this section identify rows in the dataset.

#### 2.59.1.1 PRIO-GRID ID (`pg_id`)

*Long tag:* `views_pgm_03_22_pg_id`

*Original tag:* `pg_id`

*Dataset citation:* Hegre et al. (2022)

*Description:*

A PrioGRID grid identifier.

#### 2.59.1.2 Month ID (`month_id`)

*Long tag:* `views_pgm_03_22_month_id`

*Original tag:* `month_id`

*Dataset citation:* Hegre et al. (2022)

*Description:*

A VIEWS `month_id`, where `month_id` is a sequence with 1 being January 1980.

### 2.59.2 Predictions

Variables in this section present the VIEWS predictions for state-based conflict over a rolling three-year forecasting window. The month and year listed in the dataset name(s) and dataset tag(s) refer to the last month of input data informing the predictions at hand.

#### 2.59.2.1 PRIO-GRID-month state-based fatalities predictions (`sc_pgm_sb_main`)

*Long tag:* `views_pgm_03_22_sc_pgm_sb_main`

*Original tag:* `sc_pgm_sb_main`

*Dataset citation:* Hegre et al. (2022)

*Description:*

**Originating from:** Main ensemble model for number of fatalities in state-based conflict at the PRIO-GRID-month level of analysis.

**Development ID:** `fatalities001`, please see <https://github.com/prio-data/viewsforecasting/blob/main/CHANGELOG.md>.

**Outcome:** Continuous predictions for the number of fatalities per PRIO-GRID-month in impending state-based conflict.

**Type of Violence:** State-based conflict, as defined and compiled by the Uppsala Conflict Data Program (Sundberg & Melander, 2013), please see <https://www.pcr.uu.se/research/ucdp/definitions/>.

**Level of Analysis:** PRIO-GRID-month. Uses calendar months as the temporal units of analysis, and spatial units derived from PRIO-GRID 2.0 (Tollefsen, Strand & Buhaug, 2012). The latter is a standardized spatial grid structure consisting of quadratic grid cells that jointly cover all areas of the world at a resolution of 0.5 x 0.5 decimal degrees, approximately 55x55 km around the equator.

**Description:** Predicted number of fatalities in impending conflict at PRIO-GRID-month level of analysis, expressed in natural logged form plus 1  $[\ln(Y+1)]$ . The predictions are produced by an unweighted ensemble trained for this type of

violence and level of analysis. For more information about the ensemble and the current composition of its constituent models (sub-models), please see <https://github.com/prio-data/viewsforecasting/blob/main/CHANGELOG.md> and <https://www.divaportal.org/smash/get/diva2:1667048/FULLTEXT01.pdf>.

### 2.59.2.2 PRIO-GRID-month state-based dichotomous probability predictions (sc\_pgm\_sb\_dich\_main)

*Long tag:* views\_pgm\_03\_22\_sc\_pgm\_sb\_dich\_main

*Original tag:* sc\_pgm\_sb\_dich\_main

*Dataset citation:* Hegre et al. (2022)

*Description:*

**Originating from:** Main ensemble model for number of fatalities in state-based conflict at the PRIO-GRID-month level of analysis.

**Development ID:** fatalities001, please see <https://github.com/prio-data/viewsforecasting/blob/main/CHANGELOG.md>.

**Outcome:** Dichotomous predictions for the probability of at least 1 BRD per PRIO-GRID-month in impending state-based conflict.

**Type of Violence:** State-based conflict, as defined and compiled by the Uppsala Conflict Data Program (Sundberg & Melander, 2013), please see <https://www.pcr.uu.se/research/ucdp/definitions/>.

**Level of Analysis:** PRIO-GRID-month. Uses calendar months as the temporal units of analysis, and spatial units derived from PRIO-GRID 2.0 (Tollefsen, Strand & Buhaug, 2012). The latter is a standardized spatial grid structure consisting of quadratic grid cells that jointly cover all areas of the world at a resolution of 0.5 x 0.5 decimal degrees, approximately 55x55 km around the equator.

**Description:** Predicted probability of at least 1 battle-related death (BRD) per PRIO-GRID-month, derived from the PRIO-GRID-level ensemble predictions. For more information about the ensemble underlying these predictions (sc\_pgm\_sb\_main) and the current composition of its constituent models (sub-models), please see <https://github.com/priodata/viewsforecasting/blob/main/CHANGELOG.md> and <https://www.divaportal.org/smash/get/diva2:1667048/FULLTEXT01.pdf>

## 2.60 VIEWS PRIO-GRID-Month Conflict Predictions (Last Input Data: March 2023)

*Dataset tag:* views\_pgm\_03\_23

**Output Unit:** VIEWS PRIO-GRID Cell-Month, i.e., data is predicted per PRIO-GRID cell and month. This means that each row in the dataset can be identified through a combination of the variables pg\_id and month\_id.

*Description:*

A dataset containing the Violence and Impacts Early-Warning System predictions for state-based conflict in Africa and the Middle East over a rolling three-year forecasting window. The month and year listed in the dataset name refer to the last month of input data informing the predictions. The forecasts are provided as point predictions for the number of people killed per PRIO-GRID cell and month (expressed in natural logged form plus 1, i.e.  $\ln(\text{fatalities}+1)$ ). Each grid cell in the dataset measures 0.5x0.5 decimal degrees, or approximately 55x55 km at the Equator.

*Dataset citation:*

Hegre, H. et al. (2022) 'Forecasting fatalities', Uppsala University, Technical report. URN: urn:nbn:se:uu:diva-476476.



Hegre, H. et al. (2021) ‘ViEWS2020: Revising and evaluating the ViEWS political Violence Early-Warning System’, *Journal of Peace Research*, 58(3), pp. 599–611. doi:10.1177/0022343320962157.

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More detailed information on the dataset can be found at the following web page: <https://viewsforecasting.org/resources/#downloads> and <https://viewsforecasting.org/methodology/definitions/>

### 2.60.1 Identifier Variables

Variables or combination of variables in this section identify rows in the dataset.

#### 2.60.1.1 PRIO-GRID ID (pg\_id)

*Long tag:* views\_pgm\_03\_23\_pg\_id

*Original tag:* pg\_id

*Dataset citation:* Hegre et al. (2022)

*Description:*

A PrioGRID grid identifier.

#### 2.60.1.2 Month ID (month\_id)

*Long tag:* views\_pgm\_03\_23\_month\_id

*Original tag:* month\_id

*Dataset citation:* Hegre et al. (2022)

*Description:*

A VIEWS month\_id, where month\_id is a sequence with 1 being January 1980.

### 2.60.2 Predictions

Variables in this section present the VIEWS predictions for state-based conflict over a rolling three-year forecasting window. The month and year listed in the dataset name(s) and dataset tag(s) refer to the last month of input data informing the predictions at hand. To learn about the type(s) of violence predicted in the VIEWS datasets, and the level(s) of analysis for which they are presented, please visit <https://viewsforecasting.org/methodology/definitions/>.

#### 2.60.2.1 PRIO-GRID-month state-based fatalities predictions (sc\_pgm\_sb\_main)

*Long tag:* views\_pgm\_03\_23\_sc\_pgm\_sb\_main

*Original tag:* sc\_pgm\_sb\_main

*Dataset citation:* Hegre et al. (2022)

*Description:*

**Originating from:** Main ensemble model for number of fatalities in state-based conflict at the PRIO-GRID-month level of analysis.

**Development ID:** fatalities001, please see <https://github.com/prio-data/viewsforecasting/blob/main/CHANGELOG.md>.

**Outcome:** Continuous predictions for the number of fatalities per PRIO-GRID-month in impending state-based conflict.

**Type of Violence:** State-based conflict, as defined and compiled by the Uppsala Conflict Data Program (Sundberg & Melander, 2013), please see <https://www.pcr.uu.se/research/ucdp/definitions/>.

**Level of Analysis:** PRIO-GRID-month. Uses calendar months as the temporal units of analysis, and spatial units derived from PRIO-GRID 2.0 (Tollefsen, Strand & Buhaug, 2012). The latter is a standardized spatial grid structure consisting of quadratic grid cells that jointly cover all areas of the world at a resolution of 0.5 x 0.5 decimal degrees, approximately 55x55 km around the equator.

**Description:** Predicted number of fatalities in impending conflict at PRIO-GRID-month level of analysis, expressed in natural logged form plus 1  $[\ln(Y+1)]$ . The predictions are produced by an unweighted ensemble trained for this type of violence and level of analysis. For more information about the ensemble and the current composition of its constituent models (sub-models), please see <https://github.com/prio-data/viewsforecasting/blob/main/CHANGELOG.md> and <https://www.divaportal.org/smash/get/diva2:1667048/FULLTEXT01.pdf>.

### 2.60.2.2 PRIO-GRID-month state-based dichotomous probability predictions (sc\_pgm\_sb\_dich\_main)

*Long tag:* views\_pgm\_03\_23\_sc\_pgm\_sb\_dich\_main

*Original tag:* sc\_pgm\_sb\_dich\_main

*Dataset citation:* Hegre et al. (2022)

*Description:*

**Originating from:** Main ensemble model for number of fatalities in state-based conflict at the PRIO-GRID-month level of analysis.

**Development ID:** fatalities001, please see <https://github.com/prio-data/viewsforecasting/blob/main/CHANGELOG.md>.

**Outcome:** Dichotomous predictions for the probability of at least 1 BRD per PRIO-GRID-month in impending state-based conflict.

**Type of Violence:** State-based conflict, as defined and compiled by the Uppsala Conflict Data Program (Sundberg & Melander, 2013), please see <https://www.pcr.uu.se/research/ucdp/definitions/>.

**Level of Analysis:** PRIO-GRID-month. Uses calendar months as the temporal units of analysis, and spatial units derived from PRIO-GRID 2.0 (Tollefsen, Strand & Buhaug, 2012). The latter is a standardized spatial grid structure consisting of quadratic grid cells that jointly cover all areas of the world at a resolution of 0.5 x 0.5 decimal degrees, approximately 55x55 km around the equator.

**Description:** Predicted probability of at least 1 battle-related death (BRD) per PRIO-GRID-month, derived from the PRIO-GRID-level ensemble predictions. For more information about the ensemble underlying these predictions (sc\_pgm\_sb\_main) and the current composition of its constituent models (sub-models), please see <https://github.com/priodata/viewsforecasting/blob/main/CHANGELOG.md> and <https://www.divaportal.org/smash/get/diva2:1667048/FULLTEXT01.pdf>

## 2.61 VIEWS PRIO-GRID-Month Conflict Predictions (Last Input Data: March 2024)

*Dataset tag:* views\_pgm\_03\_24

**Output Unit:** VIEWS PRIO-GRID Cell-Month, i.e., data is predicted per PRIO-GRID cell and month. This means that each row in the dataset can be identified through a combination of the variables pg\_id and month\_id.

*Description:*

A dataset containing the Violence and Impacts Early-Warning System predictions for state-based conflict in Africa and the Middle East over a rolling three-year forecasting window. The month and year listed in the dataset name refer to the last month of input data informing the predictions. The forecasts are provided as point predictions for the number of people that will be killed per PRIO-GRID cell and month (expressed in both logged and non-logged form), as well as in the form of dichotomous predictions for the probability that at least one battle-related death will be reached or exceeded in any PRIO-GRID-month. Each grid cell in the dataset measures 0.5x0.5 decimal degrees, or approximately 55x55 km at the Equator.

***Dataset citation:***

Hegre, H. et al. (2022) ‘Forecasting fatalities’, Uppsala University, Technical report. URN: urn:nbn:se:uu:diva-476476.

Hegre, H. et al. (2021) ‘ViEWS2020: Revising and evaluating the ViEWS political Violence Early-Warning System’, *Journal of Peace Research*, 58(3), pp. 599–611. doi:10.1177/0022343320962157.

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More detailed information on the dataset can be found at the following web page: <https://viewsforecasting.org/resources/#downloads> and <https://viewsforecasting.org/methodology/definitions/>

### 2.61.1 Identifier

These variables identify rows in the dataset.

#### 2.61.1.1 PRIO-GRID ID (pg\_id)

*Long tag:* views\_pgm\_03\_24\_pg\_id

*Original tag:* pg\_id

*Dataset citation:* Hegre et al. (2022)

*Description:*

A PrioGRID grid identifier.

#### 2.61.1.2 Month ID (month\_id)

*Long tag:* views\_pgm\_03\_24\_month\_id

*Original tag:* month\_id

*Dataset citation:* Hegre et al. (2022)

*Description:*

A VIEWS month\_id, where month\_id is a sequence with 1 being January 1980.

### 2.61.2 Predictions

Variables in this section present the VIEWS predictions for state-based conflict over a rolling three-year forecasting window. The month and year listed in the dataset name(s) and dataset tag(s) refer to the last month of input data informing the predictions at hand.

#### 2.61.2.1 Predicted log number of fatalities (main\_mean\_ln)

*Long tag:* views\_pgm\_03\_24\_main\_mean\_ln

*Original tag:* main\_mean\_ln

*Dataset citation:* Hegre et al. (2022)

*Description:*

Point prediction of the log number of fatalities in impending conflict, presented per type of violence and level of analysis. Expressed in natural logged form plus 1 [ $\ln(Y+1)$ ].

**2.61.2.2 Predicted probability of conflict (main\_dich)***Long tag:* views\_pgm\_03\_24\_main\_dich*Original tag:* main\_dich*Dataset citation:* Hegre et al. (2022)*Description:*

Predicted probability of at least one battle-related death (BRD) per PRIO-GRID-month. Estimated from the ensemble model results of the VIEWS model for the applicable type of violence and level of analysis.

**2.61.2.3 Predicted number of fatalities (main\_mean)***Long tag:* views\_pgm\_03\_24\_main\_mean*Original tag:* main\_mean*Dataset citation:* Hegre et al. (2022)*Description:*

Point prediction of the number of fatalities in impending conflict, presented per type of violence and level of analysis.

**2.62 VIEWS PRIO-GRID-Month Conflict Predictions (Last Input Data: April 2022)***Dataset tag:* views\_pgm\_04\_22

**Output Unit:** VIEWS PRIO-GRID Cell-Month, i.e., data is predicted per PRIO-GRID cell and month. This means that each row in the dataset can be identified through a combination of the variables pg\_id and month\_id.

*Description:*

A dataset containing the Violence and Impacts Early-Warning System predictions for state-based conflict in Africa and the Middle East over a rolling three-year forecasting window. The month and year listed in the dataset name refer to the last month of input data informing the predictions. The forecasts are provided as point predictions for the number of people killed per PRIO-GRID cell and month (expressed in natural logged form plus 1, i.e.  $\ln(\text{fatalities}+1)$ ). Each grid cell in the dataset measures 0.5x0.5 decimal degrees, or approximately 55x55 km at the Equator.

*Dataset citation:*

Hegre, H. et al. (2022) 'Forecasting fatalities', Uppsala University, Technical report. URN: urn:nbn:se:uu:diva-476476.

Hegre, H. et al. (2021) 'ViEWS2020: Revising and evaluating the ViEWS political Violence Early-Warning System', *Journal of Peace Research*, 58(3), pp. 599–611. doi:10.1177/0022343320962157.

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More detailed information on the dataset can be found at the following web page:  
<https://viewsforecasting.org/resources/#downloads> and  
<https://viewsforecasting.org/methodology/definitions/>

**2.62.1 Identifier Variables**

Variables or combination of variables in this section identify rows in the dataset.

**2.62.1.1 PRIO-GRID ID (pg\_id)***Long tag:* views\_pgm\_04\_22\_pg\_id*Original tag:* pg\_id

*Dataset citation:* Hegre et al. (2022)

*Description:*

A PrioGRID grid identifier.

#### 2.62.1.2 Month ID (`month_id`)

*Long tag:* `views_pgm_04_22_month_id`

*Original tag:* `month_id`

*Dataset citation:* Hegre et al. (2022)

*Description:*

A VIEWS `month_id`, where `month_id` is a sequence with 1 being January 1980.

#### 2.62.1.3 PRIO-GRID-month state-based fatalities predictions (`sc_pgm_sb_main`)

*Long tag:* `views_pgm_04_22_sc_pgm_sb_main`

*Original tag:* `sc_pgm_sb_main`

*Dataset citation:* Hegre et al. (2022)

*Description:*

**Originating from:** Main ensemble model for number of fatalities in state-based conflict at the PRIO-GRID-month level of analysis.

**Development ID:** `fatalities001`, please see <https://github.com/prio-data/viewforecasting/blob/main/CHANGELOG.md>.

**Outcome:** Continuous predictions for the number of fatalities per PRIO-GRID-month in impending state-based conflict.

**Type of Violence:** State-based conflict, as defined and compiled by the Uppsala Conflict Data Program (Sundberg & Melander, 2013), please see <https://www.pcr.uu.se/research/ucdp/definitions/>.

**Level of Analysis:** PRIO-GRID-month. Uses calendar months as the temporal units of analysis, and spatial units derived from PRIO-GRID 2.0 (Tollefsen, Strand & Buhaug, 2012). The latter is a standardized spatial grid structure consisting of quadratic grid cells that jointly cover all areas of the world at a resolution of 0.5 x 0.5 decimal degrees, approximately 55x55 km around the equator.

**Description:** Predicted number of fatalities in impending conflict at PRIO-GRID-month level of analysis, expressed in natural logged form plus 1 [ $\ln(Y+1)$ ]. The predictions are produced by an unweighted ensemble trained for this type of violence and level of analysis. For more information about the ensemble and the current composition of its constituent models (sub-models), please see <https://github.com/prio-data/viewforecasting/blob/main/CHANGELOG.md> and <https://www.divaportal.org/smash/get/diva2:1667048/FULLTEXT01.pdf>.

#### 2.62.1.4 PRIO-GRID-month state-based dichotomous probability predictions (`sc_pgm_sb_dich_main`)

*Long tag:* `views_pgm_04_22_sc_pgm_sb_dich_main`

*Original tag:* `sc_pgm_sb_dich_main`

*Dataset citation:* Hegre et al. (2022)

*Description:*

**Originating from:** Main ensemble model for number of fatalities in state-based conflict at the PRIO-GRID-month level of analysis.

**Development ID:** `fatalities001`, please see <https://github.com/prio-data/viewforecasting/blob/main/CHANGELOG.md>.

**Outcome:** Dichotomous predictions for the probability of at least 1 BRD per PRIO-GRID-month in impending state-based conflict.

**Type of Violence:** State-based conflict, as defined and compiled by the Uppsala Conflict Data Program (Sundberg & Melander, 2013), please see <https://www.pcr.uu.se/research/ucdp/definitions/>.

**Level of Analysis:** PRIO-GRID-month. Uses calendar months as the temporal units of analysis, and spatial units derived from PRIO-GRID 2.0 (Tollefsen, Strand & Buhaug, 2012). The latter is a standardized spatial grid structure consisting of quadratic grid cells that jointly cover all areas of the world at a resolution of 0.5 x 0.5 decimal degrees, approximately 55x55 km around the equator.

**Description:** Predicted probability of at least 1 battle-related death (BRD) per PRIO-GRID-month, derived from the PRIO-GRID-level ensemble predictions. For more information about the ensemble underlying these predictions (`sc_pgm_sb_main`) and the current composition of its constituent models (sub-models), please see <https://github.com/priodata/viewsforecasting/blob/main/CHANGELOG.md> and <https://www.divaportal.org/smash/get/diva2:1667048/FULLTEXT01.pdf>

## 2.63 VIEWS PRIO-GRID-Month Conflict Predictions (Last Input Data: April 2023)

**Dataset tag:** `views_pgm_04_23`

**Output Unit:** VIEWS PRIO-GRID Cell-Month, i.e., data is predicted per PRIO-GRID cell and month. This means that each row in the dataset can be identified through a combination of the variables `pg_id` and `month_id`.

### **Description:**

A dataset containing the Violence and Impacts Early-Warning System predictions for state-based conflict in Africa and the Middle East over a rolling three-year forecasting window. The month and year listed in the dataset name refer to the last month of input data informing the predictions. The forecasts are provided as point predictions for the number of people that will be killed per PRIO-GRID cell and month (expressed in both logged and non-logged form), as well as in the form of dichotomous predictions for the probability that at least one battle-related death will be reached or exceeded in any PRIO-GRID-month. Each grid cell in the dataset measures 0.5x0.5 decimal degrees, or approximately 55x55 km at the Equator.

### **Dataset citation:**

Hegre, H. et al. (2022) 'Forecasting fatalities', Uppsala University, Technical report. URN: `urn:nbn:se:uu:diva-476476`.

Hegre, H. et al. (2021) 'ViEWS2020: Revising and evaluating the ViEWS political Violence Early-Warning System', *Journal of Peace Research*, 58(3), pp. 599–611. doi:10.1177/0022343320962157.

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More detailed information on the dataset can be found at the following web page: <https://viewsforecasting.org/resources/#downloads> and <https://viewsforecasting.org/methodology/definitions/>

### 2.63.1 Identifier Variables

Variables or combination of variables in this section identify rows in the dataset.

**2.63.1.1 PRIO-GRID ID (pg\_id)***Long tag:* views\_pgm\_04\_23\_pg\_id*Original tag:* pg\_id*Dataset citation:* Hegre et al. (2022)*Description:*

A PrioGRID grid identifier.

**2.63.1.2 Month ID (month\_id)***Long tag:* views\_pgm\_04\_23\_month\_id*Original tag:* month\_id*Dataset citation:* Hegre et al. (2022)*Description:*

A VIEWS month\_id, where month\_id is a sequence with 1 being January 1980.

**2.63.2 Predictions**

Variables in this section present the VIEWS predictions for state-based conflict over a rolling three-year forecasting window. The month and year listed in the dataset name(s) and dataset tag(s) refer to the last month of input data informing the predictions at hand. To learn about the type(s) of violence predicted in the VIEWS datasets, and the level(s) of analysis for which they are presented, please visit <https://viewsforecasting.org/methodology/definitions/>.

**2.63.2.1 Predicted probability of conflict (main\_dich)***Long tag:* views\_pgm\_04\_23\_main\_dich*Original tag:* main\_dich*Dataset citation:* Hegre et al. (2022)*Description:*

Predicted probability of at least one battle-related death (BRD) per PRIO-GRID-month. Estimated from the ensemble model results of the VIEWS model for the applicable type of violence and level of analysis.

**2.63.2.2 Predicted number of fatalities (main\_mean)***Long tag:* views\_pgm\_04\_23\_main\_mean*Original tag:* main\_mean*Dataset citation:* Hegre et al. (2022)*Description:*

Point prediction of the number of fatalities in impending conflict, presented per type of violence and level of analysis.

**2.63.2.3 Predicted log number of fatalities (main\_mean\_ln)***Long tag:* views\_pgm\_04\_23\_main\_mean\_ln*Original tag:* main\_mean\_ln*Dataset citation:* Hegre et al. (2022)*Description:*

Point prediction of the log number of fatalities in impending conflict, presented per type of violence and level of analysis. Expressed in natural logged form plus 1  $[\ln(Y+1)]$ .

## 2.64 VIEWS PRIO-GRID-Month Conflict Predictions (Last Input Data: April 2024)

**Dataset tag:** views\_pgm\_04\_24

**Output Unit:** VIEWS PRIO-GRID Cell-Month, i.e., data is predicted per PRIO-GRID cell and month. This means that each row in the dataset can be identified through a combination of the variables pg\_id and month\_id.

### **Description:**

A dataset containing the Violence and Impacts Early-Warning System predictions for state-based conflict in Africa and the Middle East over a rolling three-year forecasting window. The month and year listed in the dataset name refer to the last month of input data informing the predictions. The forecasts are provided as point predictions for the number of people that will be killed per PRIO-GRID cell and month (expressed in both logged and non-logged form), as well as in the form of dichotomous predictions for the probability that at least one battle-related death will be reached or exceeded in any PRIO-GRID-month. Each grid cell in the dataset measures 0.5x0.5 decimal degrees, or approximately 55x55 km at the Equator.

### **Dataset citation:**

Hegre, H. et al. (2022) 'Forecasting fatalities', Uppsala University, Technical report. URN: urn:nbn:se:uu:diva-476476.

Hegre, H. et al. (2021) 'ViEWS2020: Revising and evaluating the ViEWS political Violence Early-Warning System', *Journal of Peace Research*, 58(3), pp. 599–611. doi:10.1177/0022343320962157.

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More detailed information on the dataset can be found at the following web page: <https://viewsforecasting.org/resources/#downloads> and <https://viewsforecasting.org/methodology/definitions/>

### 2.64.1 Identifier

These variables identify rows in the dataset.

#### 2.64.1.1 PRIO-GRID ID (pg\_id)

*Long tag:* views\_pgm\_04\_24\_pg\_id

*Original tag:* pg\_id

*Dataset citation:* Hegre et al. (2022)

*Description:*

A PrioGRID grid identifier.

#### 2.64.1.2 Month ID (month\_id)

*Long tag:* views\_pgm\_04\_24\_month\_id

*Original tag:* month\_id

*Dataset citation:* Hegre et al. (2022)

*Description:*

A VIEWS month\_id, where month\_id is a sequence with 1 being January 1980.

### 2.64.2 Predictions

Variables in this section present the VIEWS predictions for state-based conflict over a rolling three-year forecasting window. The month and year listed in the dataset name(s) and dataset tag(s) refer to the last month of input data informing the predictions at hand.



**2.64.2.1 Predicted log number of fatalities (main\_mean\_ln)**

*Long tag:* views\_pgm\_04\_24\_main\_mean\_ln

*Original tag:* main\_mean\_ln

*Dataset citation:* Hegre et al. (2022)

*Description:*

Point prediction of the log number of fatalities in impending conflict, presented per type of violence and level of analysis. Expressed in natural logged form plus 1 [ $\ln(Y+1)$ ].

**2.64.2.2 Predicted probability of conflict (main\_dich)**

*Long tag:* views\_pgm\_04\_24\_main\_dich

*Original tag:* main\_dich

*Dataset citation:* Hegre et al. (2022)

*Description:*

Predicted probability of at least one battle-related death (BRD) per PRIO-GRID-month. Estimated from the ensemble model results of the VIEWS model for the applicable type of violence and level of analysis.

**2.64.2.3 Predicted number of fatalities (main\_mean)**

*Long tag:* views\_pgm\_04\_24\_main\_mean

*Original tag:* main\_mean

*Dataset citation:* Hegre et al. (2022)

*Description:*

Point prediction of the number of fatalities in impending conflict, presented per type of violence and level of analysis.

**2.65 VIEWS PRIO-GRID-Month Conflict Predictions (Last Input Data: May 2022)**

*Dataset tag:* views\_pgm\_05\_22

**Output Unit:** VIEWS PRIO-GRID Cell-Month, i.e., data is predicted per PRIO-GRID cell and month. This means that each row in the dataset can be identified through a combination of the variables pg\_id and month\_id.

**Description:**

A dataset containing the Violence and Impacts Early-Warning System predictions for state-based conflict in Africa and the Middle East over a rolling three-year forecasting window. The month and year listed in the dataset name refer to the last month of input data informing the predictions. The forecasts are provided as point predictions for the number of people killed per PRIO-GRID cell and month (expressed in natural logged form plus 1, i.e.  $\ln(\text{fatalities}+1)$ ). Each grid cell in the dataset measures 0.5x0.5 decimal degrees, or approximately 55x55 km at the Equator.

**Dataset citation:**

Hegre, H. et al. (2022) 'Forecasting fatalities', Uppsala University, Technical report. URN: urn:nbn:se:uu:diva-476476.

Hegre, H. et al. (2021) 'ViEWS2020: Revising and evaluating the ViEWS political Violence Early-Warning System', *Journal of Peace Research*, 58(3), pp. 599-611. doi:10.1177/0022343320962157.

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More detailed information on the dataset can be found at the following web page:

<https://viewsforecasting.org/resources/#downloads>

and

<https://viewsforecasting.org/methodology/definitions/>

### 2.65.1 Identifier Variables

Variables or combination of variables in this section identify rows in the dataset.

#### 2.65.1.1 PRIO-GRID ID (`pg_id`)

*Long tag:* `views_pgm_05_22_pg_id`

*Original tag:* `pg_id`

*Dataset citation:* Hegre et al. (2022)

*Description:*

A PrioGRID grid identifier.

#### 2.65.1.2 Month ID (`month_id`)

*Long tag:* `views_pgm_05_22_month_id`

*Original tag:* `month_id`

*Dataset citation:* Hegre et al. (2022)

*Description:*

A VIEWS `month_id`, where `month_id` is a sequence with 1 being January 1980.

### 2.65.2 Predictions

Variables in this section present the VIEWS predictions for state-based conflict over a rolling three-year forecasting window. The month and year listed in the dataset name(s) and dataset tag(s) refer to the last month of input data informing the predictions at hand.

#### 2.65.2.1 PRIO-GRID-month state-based fatalities predictions (`sc_pgm_sb_main`)

*Long tag:* `views_pgm_05_22_sc_pgm_sb_main`

*Original tag:* `sc_pgm_sb_main`

*Dataset citation:* Hegre et al. (2022)

*Description:*

**Originating from:** Main ensemble model for number of fatalities in state-based conflict at the PRIO-GRID-month level of analysis.

**Development ID:** `fatalities001`, please see <https://github.com/prio-data/viewsforecasting/blob/main/CHANGELOG.md>.

**Outcome:** Continuous predictions for the number of fatalities per PRIO-GRID-month in impending state-based conflict.

**Type of Violence:** State-based conflict, as defined and compiled by the Uppsala Conflict Data Program (Sundberg & Melander, 2013), please see <https://www.pcr.uu.se/research/ucdp/definitions/>.

**Level of Analysis:** PRIO-GRID-month. Uses calendar months as the temporal units of analysis, and spatial units derived from PRIO-GRID 2.0 (Tollefsen, Strand & Buhaug, 2012). The latter is a standardized spatial grid structure consisting of quadratic grid cells that jointly cover all areas of the world at a resolution of 0.5 x 0.5 decimal degrees, approximately 55x55 km around the equator.

**Description:** Predicted number of fatalities in impending conflict at PRIO-GRID-month level of analysis, expressed in natural logged form plus 1  $[\ln(Y+1)]$ . The predictions are produced by an unweighted ensemble trained for this type of

violence and level of analysis. For more information about the ensemble and the current composition of its constituent models (sub-models), please see <https://github.com/prio-data/viewsforecasting/blob/main/CHANGELOG.md> and <https://www.divaportal.org/smash/get/diva2:1667048/FULLTEXT01.pdf>.

### 2.65.2.2 PRIO-GRID-month state-based dichotomous probability predictions (sc\_pgm\_sb\_dich\_main)

*Long tag:* views\_pgm\_05\_22\_sc\_pgm\_sb\_dich\_main

*Original tag:* sc\_pgm\_sb\_dich\_main

*Dataset citation:* Hegre et al. (2022)

*Description:*

**Originating from:** Main ensemble model for number of fatalities in state-based conflict at the PRIO-GRID-month level of analysis.

**Development ID:** fatalities001, please see <https://github.com/prio-data/viewsforecasting/blob/main/CHANGELOG.md>.

**Outcome:** Dichotomous predictions for the probability of at least 1 BRD per PRIO-GRID-month in impending state-based conflict.

**Type of Violence:** State-based conflict, as defined and compiled by the Uppsala Conflict Data Program (Sundberg & Melander, 2013), please see <https://www.pcr.uu.se/research/ucdp/definitions/>.

**Level of Analysis:** PRIO-GRID-month. Uses calendar months as the temporal units of analysis, and spatial units derived from PRIO-GRID 2.0 (Tollefsen, Strand & Buhaug, 2012). The latter is a standardized spatial grid structure consisting of quadratic grid cells that jointly cover all areas of the world at a resolution of 0.5 x 0.5 decimal degrees, approximately 55x55 km around the equator.

**Description:** Predicted probability of at least 1 battle-related death (BRD) per PRIO-GRID-month, derived from the PRIO-GRID-level ensemble predictions. For more information about the ensemble underlying these predictions (sc\_pgm\_sb\_main) and the current composition of its constituent models (sub-models), please see <https://github.com/priodata/viewsforecasting/blob/main/CHANGELOG.md> and <https://www.divaportal.org/smash/get/diva2:1667048/FULLTEXT01.pdf>

## 2.66 VIEWS PRIO-GRID-Month Conflict Predictions (Last Input Data: May 2023)

*Dataset tag:* views\_pgm\_05\_23

**Output Unit:** VIEWS PRIO-GRID Cell-Month, i.e., data is predicted per PRIO-GRID cell and month. This means that each row in the dataset can be identified through a combination of the variables pg\_id and month\_id.

**Description:**

A dataset containing the Violence and Impacts Early-Warning System predictions for state-based conflict in Africa and the Middle East over a rolling three-year forecasting window. The month and year listed in the dataset name refer to the last month of input data informing the predictions. The forecasts are provided as point predictions for the number of people that will be killed per PRIO-GRID cell and month (expressed in both logged and non-logged form), as well as in the form of dichotomous predictions for the probability that at least one battle-related death will be reached or exceeded in any PRIO-GRID-month. Each grid cell in the dataset measures 0.5x0.5 decimal degrees, or approximately 55x55 km at the Equator.

**Dataset citation:**

Hegre, H. et al. (2022) ‘Forecasting fatalities’, Uppsala University, Technical report. URN: urn:nbn:se:uu:diva-476476.

Hegre, H. et al. (2021) ‘ViEWS2020: Revising and evaluating the ViEWS political Violence Early-Warning System’, *Journal of Peace Research*, 58(3), pp. 599–611. doi:10.1177/0022343320962157.

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More detailed information on the dataset can be found at the following web page: <https://viewsforecasting.org/resources/#downloads> and <https://viewsforecasting.org/methodology/definitions/>

### 2.66.1 Identifier Variables

Variables or combination of variables in this section identify rows in the dataset.

#### 2.66.1.1 PRIO-GRID ID (pg\_id)

*Long tag:* views\_pgm\_05\_23\_pg\_id

*Original tag:* pg\_id

*Dataset citation:* Hegre et al. (2022)

*Description:*

A PrioGRID grid identifier.

#### 2.66.1.2 Month ID (month\_id)

*Long tag:* views\_pgm\_05\_23\_month\_id

*Original tag:* month\_id

*Dataset citation:* Hegre et al. (2022)

*Description:*

A VIEWS month\_id, where month\_id is a sequence with 1 being January 1980.

### 2.66.2 Predictions

Variables in this section present the VIEWS predictions for state-based conflict over a rolling three-year forecasting window. The month and year listed in the dataset name(s) and dataset tag(s) refer to the last month of input data informing the predictions at hand. To learn about the type(s) of violence predicted in the VIEWS datasets, and the level(s) of analysis for which they are presented, please visit <https://viewsforecasting.org/methodology/definitions/>.

#### 2.66.2.1 Predicted probability of conflict (main\_dich)

*Long tag:* views\_pgm\_05\_23\_main\_dich

*Original tag:* main\_dich

*Dataset citation:* Hegre et al. (2022)

*Description:*

Predicted probability of at least one battle-related death (BRD) per PRIO-GRID-month. Estimated from the ensemble model results of the VIEWS model for the applicable type of violence and level of analysis.

#### 2.66.2.2 Predicted number of fatalities (main\_mean)

*Long tag:* views\_pgm\_05\_23\_main\_mean

*Original tag:* main\_mean

*Dataset citation:* Hegre et al. (2022)

*Description:*

Point prediction of the number of fatalities in impending conflict, presented per type of violence and level of analysis.

**2.66.2.3 Predicted log number of fatalities (main\_mean\_ln)**

*Long tag:* views\_pgm\_05\_23\_main\_mean\_ln

*Original tag:* main\_mean\_ln

*Dataset citation:* Hegre et al. (2022)

*Description:*

Point prediction of the log number of fatalities in impending conflict, presented per type of violence and level of analysis. Expressed in natural logged form plus 1  $[\ln(Y+1)]$ .

**2.67 VIEWS PRIO-GRID-Month Conflict Predictions (Last Input Data: May 2024)**

*Dataset tag:* views\_pgm\_05\_24

**Output Unit:** VIEWS PRIO-GRID Cell-Month, i.e., data is predicted per PRIO-GRID cell and month. This means that each row in the dataset can be identified through a combination of the variables pg\_id and month\_id.

*Description:*

A dataset containing the Violence and Impacts Early-Warning System predictions for state-based conflict in Africa and the Middle East over a rolling three-year forecasting window. The month and year listed in the dataset name refer to the last month of input data informing the predictions. The forecasts are provided as point predictions for the number of people that will be killed per PRIO-GRID cell and month (expressed in both logged and non-logged form), as well as in the form of dichotomous predictions for the probability that at least one battle-related death will be reached or exceeded in any PRIO-GRID-month. Each grid cell in the dataset measures 0.5x0.5 decimal degrees, or approximately 55x55 km at the Equator.

*Dataset citation:*

Hegre, H. et al. (2022) 'Forecasting fatalities', Uppsala University, Technical report. URN: urn:nbn:se:uu:diva-476476.

Hegre, H. et al. (2021) 'ViEWS2020: Revising and evaluating the ViEWS political Violence Early-Warning System', *Journal of Peace Research*, 58(3), pp. 599–611. doi:10.1177/0022343320962157.

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More detailed information on the dataset can be found at the following web page:  
<https://viewsforecasting.org/resources/#downloads>  
 and  
<https://viewsforecasting.org/methodology/definitions/>

**2.67.1 Identifier**

These variables identify rows in the dataset.

**2.67.1.1 PRIO-GRID ID (pg\_id)**

*Long tag:* views\_pgm\_05\_24\_pg\_id

*Original tag:* pg\_id

*Dataset citation:* Hegre et al. (2022)

*Description:*

A PrioGRID grid identifier.

**2.67.1.2 Month ID (month\_id)**

*Long tag:* views\_pgm\_05\_24\_month\_id

*Original tag:* month\_id

*Dataset citation:* Hegre et al. (2022)

*Description:*

A VIEWS month\_id, where month\_id is a sequence with 1 being January 1980.

**2.67.2 Predictions**

Variables in this section present the VIEWS predictions for state-based conflict over a rolling three-year forecasting window. The month and year listed in the dataset name(s) and dataset tag(s) refer to the last month of input data informing the predictions at hand.

**2.67.2.1 Predicted log number of fatalities (main\_mean\_ln)**

*Long tag:* views\_pgm\_05\_24\_main\_mean\_ln

*Original tag:* main\_mean\_ln

*Dataset citation:* Hegre et al. (2022)

*Description:*

Point prediction of the log number of fatalities in impending conflict, presented per type of violence and level of analysis. Expressed in natural logged form plus 1 [ $\ln(Y+1)$ ].

**2.67.2.2 Predicted probability of conflict (main\_dich)**

*Long tag:* views\_pgm\_05\_24\_main\_dich

*Original tag:* main\_dich

*Dataset citation:* Hegre et al. (2022)

*Description:*

Predicted probability of at least one battle-related death (BRD) per PRIO-GRID-month. Estimated from the ensemble model results of the VIEWS model for the applicable type of violence and level of analysis.

**2.67.2.3 Predicted number of fatalities (main\_mean)**

*Long tag:* views\_pgm\_05\_24\_main\_mean

*Original tag:* main\_mean

*Dataset citation:* Hegre et al. (2022)

*Description:*

Point prediction of the number of fatalities in impending conflict, presented per type of violence and level of analysis.

**2.68 VIEWS PRIO-GRID-Month Conflict Predictions (Last Input Data: June 2022)**

*Dataset tag:* views\_pgm\_06\_22

**Output Unit:** VIEWS PRIO-GRID Cell-Month, i.e., data is predicted per PRIO-GRID cell and month. This means that each row in the dataset can be identified through a combination of the variables pg\_id and month\_id.

**Description:**

A dataset containing the Violence and Impacts Early-Warning System predictions for state-based

conflict in Africa and the Middle East over a rolling three-year forecasting window. The month and year listed in the dataset name refer to the last month of input data informing the predictions. The forecasts are provided as point predictions for the number of people killed per PRIO-GRID cell and month (expressed in natural logged form plus 1, i.e.  $\ln(\text{fatalities}+1)$ ). Each grid cell in the dataset measures 0.5x0.5 decimal degrees, or approximately 55x55 km at the Equator.

**Dataset citation:**

Hegre, H. et al. (2022) ‘Forecasting fatalities’, Uppsala University, Technical report. URN: urn:nbn:se:uu:diva-476476.

Hegre, H. et al. (2021) ‘ViEWS2020: Revising and evaluating the ViEWS political Violence Early-Warning System’, *Journal of Peace Research*, 58(3), pp. 599–611. doi:10.1177/0022343320962157.

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More detailed information on the dataset can be found at the following web page: <https://viewsforecasting.org/resources/#downloads> and <https://viewsforecasting.org/methodology/definitions/>

### 2.68.1 Identifier Variables

Variables or combination of variables in this section identify rows in the dataset.

#### 2.68.1.1 PRIO-GRID ID (pg\_id)

*Long tag:* views\_pgm\_06\_22\_pg\_id

*Original tag:* pg\_id

*Dataset citation:* Hegre et al. (2022)

*Description:*

A PrioGRID grid identifier.

#### 2.68.1.2 Month ID (month\_id)

*Long tag:* views\_pgm\_06\_22\_month\_id

*Original tag:* month\_id

*Dataset citation:* Hegre et al. (2022)

*Description:*

A VIEWS month\_id, where month\_id is a sequence with 1 being January 1980.

### 2.68.2 Predictions

Variables in this section present the VIEWS predictions for state-based conflict over a rolling three-year forecasting window. The month and year listed in the dataset name(s) and dataset tag(s) refer to the last month of input data informing the predictions at hand.

#### 2.68.2.1 PRIO-GRID-month state-based fatalities predictions (sc\_pgm\_sb\_main)

*Long tag:* views\_pgm\_06\_22\_sc\_pgm\_sb\_main

*Original tag:* sc\_pgm\_sb\_main

*Dataset citation:* Hegre et al. (2022)

*Description:*

**Originating from:** Main ensemble model for number of fatalities in state-based conflict at the PRIO-GRID-month level of analysis.

**Development ID:** fatalities001, please see <https://github.com/prio-data/viewsforecasting/blob/main/CHANGELOG.md>.

**Outcome:** Continuous predictions for the number of fatalities per PRIO-GRID-month in impending state-based conflict.

**Type of Violence:** State-based conflict, as defined and compiled by the Uppsala Conflict Data Program (Sundberg & Melander, 2013), please see <https://www.pcr.uu.se/research/ucdp/definitions/>.

**Level of Analysis:** PRIO-GRID-month. Uses calendar months as the temporal units of analysis, and spatial units derived from PRIO-GRID 2.0 (Tollefsen, Strand & Buhaug, 2012). The latter is a standardized spatial grid structure consisting of quadratic grid cells that jointly cover all areas of the world at a resolution of 0.5 x 0.5 decimal degrees, approximately 55x55 km around the equator.

**Description:** Predicted number of fatalities in impending conflict at PRIO-GRID-month level of analysis, expressed in natural logged form plus 1 [ $\ln(Y+1)$ ]. The predictions are produced by an unweighted ensemble trained for this type of violence and level of analysis. For more information about the ensemble and the current composition of its constituent models (sub-models), please see <https://github.com/prio-data/viewsforecasting/blob/main/CHANGELOG.md> and <https://www.divaportal.org/smash/get/diva2:1667048/FULLTEXT01.pdf>.

### 2.68.2.2 PRIO-GRID-month state-based dichotomous probability predictions (sc\_pgm\_sb\_dich\_main)

*Long tag:* views\_pgm\_06\_22\_sc\_pgm\_sb\_dich\_main

*Original tag:* sc\_pgm\_sb\_dich\_main

*Dataset citation:* Hegre et al. (2022)

*Description:*

**Originating from:** Main ensemble model for number of fatalities in state-based conflict at the PRIO-GRID-month level of analysis.

**Development ID:** fatalities001, please see <https://github.com/prio-data/viewsforecasting/blob/main/CHANGELOG.md>.

**Outcome:** Dichotomous predictions for the probability of at least 1 BRD per PRIO-GRID-month in impending state-based conflict.

**Type of Violence:** State-based conflict, as defined and compiled by the Uppsala Conflict Data Program (Sundberg & Melander, 2013), please see <https://www.pcr.uu.se/research/ucdp/definitions/>.

**Level of Analysis:** PRIO-GRID-month. Uses calendar months as the temporal units of analysis, and spatial units derived from PRIO-GRID 2.0 (Tollefsen, Strand & Buhaug, 2012). The latter is a standardized spatial grid structure consisting of quadratic grid cells that jointly cover all areas of the world at a resolution of 0.5 x 0.5 decimal degrees, approximately 55x55 km around the equator.

**Description:** Predicted probability of at least 1 battle-related death (BRD) per PRIO-GRID-month, derived from the PRIO-GRID-level ensemble predictions. For more information about the ensemble underlying these predictions (sc\_pgm\_sb\_main) and the current composition of its constituent models (sub-models), please see <https://github.com/priodata/viewsforecasting/blob/main/CHANGELOG.md> and <https://www.divaportal.org/smash/get/diva2:1667048/FULLTEXT01.pdf>



## 2.69 VIEWS PRIO-GRID-Month Conflict Predictions (Last Input Data: June 2023)

**Dataset tag:** views\_pgm\_06\_23

**Output Unit:** VIEWS PRIO-GRID Cell-Month, i.e., data is predicted per PRIO-GRID cell and month. This means that each row in the dataset can be identified through a combination of the variables pg\_id and month\_id.

**Description:**

A dataset containing the Violence and Impacts Early-Warning System predictions for state-based conflict in Africa and the Middle East over a rolling three-year forecasting window. The month and year listed in the dataset name refer to the last month of input data informing the predictions. The forecasts are provided as point predictions for the number of people that will be killed per PRIO-GRID cell and month (expressed in both logged and non-logged form), as well as in the form of dichotomous predictions for the probability that at least one battle-related death will be reached or exceeded in any PRIO-GRID-month. Each grid cell in the dataset measures 0.5x0.5 decimal degrees, or approximately 55x55 km at the Equator.

**Dataset citation:**

Hegre, H. et al. (2022) 'Forecasting fatalities', Uppsala University, Technical report. URN: urn:nbn:se:uu:diva-476476.

Hegre, H. et al. (2021) 'ViEWS2020: Revising and evaluating the ViEWS political Violence Early-Warning System', *Journal of Peace Research*, 58(3), pp. 599–611. doi:10.1177/0022343320962157.

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More detailed information on the dataset can be found at the following web page: <https://viewsforecasting.org/resources/#downloads> and <https://viewsforecasting.org/methodology/definitions/>

### 2.69.1 Identifier Variables

Variables or combination of variables in this section identify rows in the dataset.

#### 2.69.1.1 PRIO-GRID ID (pg\_id)

*Long tag:* views\_pgm\_06\_23\_pg\_id

*Original tag:* pg\_id

*Dataset citation:* Hegre et al. (2022)

*Description:*

A PrioGRID grid identifier.

#### 2.69.1.2 Month ID (month\_id)

*Long tag:* views\_pgm\_06\_23\_month\_id

*Original tag:* month\_id

*Dataset citation:* Hegre et al. (2022)

*Description:*

A VIEWS month\_id, where month\_id is a sequence with 1 being January 1980.

### 2.69.2 Predictions

Variables in this section present the VIEWS predictions for state-based conflict over a rolling three-year forecasting window. The month and year listed in the dataset name(s) and dataset tag(s) refer to the last month of input data informing the predictions at hand. To learn about the type(s) of

violence predicted in the VIEWS datasets, and the level(s) of analysis for which they are presented, please visit <https://viewsforecasting.org/methodology/definitions/>.

### 2.69.2.1 Predicted probability of conflict (main\_dich)

*Long tag:* views\_pgm\_06\_23\_main\_dich

*Original tag:* main\_dich

*Dataset citation:* Hegre et al. (2022)

*Description:*

Predicted probability of at least one battle-related death (BRD) per PRIO-GRID-month. Estimated from the ensemble model results of the VIEWS model for the applicable type of violence and level of analysis.

### 2.69.2.2 Predicted number of fatalities (main\_mean)

*Long tag:* views\_pgm\_06\_23\_main\_mean

*Original tag:* main\_mean

*Dataset citation:* Hegre et al. (2022)

*Description:*

Point prediction of the number of fatalities in impending conflict, presented per type of violence and level of analysis.

### 2.69.2.3 Predicted log number of fatalities (main\_mean\_ln)

*Long tag:* views\_pgm\_06\_23\_main\_mean\_ln

*Original tag:* main\_mean\_ln

*Dataset citation:* Hegre et al. (2022)

*Description:*

Point prediction of the log number of fatalities in impending conflict, presented per type of violence and level of analysis. Expressed in natural logged form plus 1 [ $\ln(Y+1)$ ].

## 2.70 VIEWS PRIO-GRID-Month Conflict Predictions (Last Input Data: June 2024)

*Dataset tag:* views\_pgm\_06\_24

**Output Unit:** VIEWS PRIO-GRID Cell-Month, i.e., data is predicted per PRIO-GRID cell and month. This means that each row in the dataset can be identified through a combination of the variables pg\_id and month\_id.

**Description:**

A dataset containing the Violence and Impacts Early-Warning System predictions for state-based conflict in Africa and the Middle East over a rolling three-year forecasting window. The month and year listed in the dataset name refer to the last month of input data informing the predictions. The forecasts are provided as point predictions for the number of people that will be killed per PRIO-GRID cell and month (expressed in both logged and non-logged form), as well as in the form of dichotomous predictions for the probability that at least one battle-related death will be reached or exceeded in any PRIO-GRID-month. Each grid cell in the dataset measures 0.5x0.5 decimal degrees, or approximately 55x55 km at the Equator.

**Dataset citation:**

Hegre, H. et al. (2022) 'Forecasting fatalities', Uppsala University, Technical report. URN: urn:nbn:se:uu:diva-476476.

Hegre, H. et al. (2021) 'ViEWS2020: Revising and evaluating the ViEWS political Violence Early-Warning System', *Journal of Peace Research*, 58(3), pp. 599–611. doi:10.1177/0022343320962157.

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More detailed information on the dataset can be found at the following web page:

<https://viewsforecasting.org/resources/#downloads>

and

<https://viewsforecasting.org/methodology/definitions/>

### 2.70.1 Identifier

These variables identify rows in the dataset.

#### 2.70.1.1 PRIO-GRID ID (`pg_id`)

*Long tag:* `views_pgm_06_24_pg_id`

*Original tag:* `pg_id`

*Dataset citation:* Hegre et al. (2022)

*Description:*

A PrioGRID grid identifier.

#### 2.70.1.2 Month ID (`month_id`)

*Long tag:* `views_pgm_06_24_month_id`

*Original tag:* `month_id`

*Dataset citation:* Hegre et al. (2022)

*Description:*

A VIEWS `month_id`, where `month_id` is a sequence with 1 being January 1980.

### 2.70.2 Predictions

Variables in this section present the VIEWS predictions for state-based conflict over a rolling three-year forecasting window. The month and year listed in the dataset name(s) and dataset tag(s) refer to the last month of input data informing the predictions at hand.

#### 2.70.2.1 Predicted log number of fatalities (`main_mean_ln`)

*Long tag:* `views_pgm_06_24_main_mean_ln`

*Original tag:* `main_mean_ln`

*Dataset citation:* Hegre et al. (2022)

*Description:*

Point prediction of the log number of fatalities in impending conflict, presented per type of violence and level of analysis. Expressed in natural logged form plus 1 [ $\ln(Y+1)$ ].

#### 2.70.2.2 Predicted probability of conflict (`main_dich`)

*Long tag:* `views_pgm_06_24_main_dich`

*Original tag:* `main_dich`

*Dataset citation:* Hegre et al. (2022)

*Description:*

Predicted probability of at least one battle-related death (BRD) per PRIO-GRID-month. Estimated from the ensemble model results of the VIEWS model for the applicable type of violence and level of analysis.

#### 2.70.2.3 Predicted number of fatalities (`main_mean`)

*Long tag:* `views_pgm_06_24_main_mean`

*Original tag:* main\_mean

*Dataset citation:* Hegre et al. (2022)

*Description:*

Point prediction of the number of fatalities in impending conflict, presented per type of violence and level of analysis.

## 2.71 VIEWS PRIO-GRID-Month Conflict Predictions (Last Input Data: July 2022)

**Dataset tag:** views\_pgm\_07\_22

**Output Unit:** VIEWS PRIO-GRID Cell-Month, i.e., data is predicted per PRIO-GRID cell and month. This means that each row in the dataset can be identified through a combination of the variables pg\_id and month\_id.

**Description:**

A dataset containing the Violence and Impacts Early-Warning System predictions for state-based conflict in Africa and the Middle East over a rolling three-year forecasting window. The month and year listed in the dataset name refer to the last month of input data informing the predictions. The forecasts are provided as point predictions for the number of people killed per PRIO-GRID cell and month (expressed in natural logged form plus 1, i.e.  $\ln(\text{fatalities}+1)$ ). Each grid cell in the dataset measures 0.5x0.5 decimal degrees, or approximately 55x55 km at the Equator.

**Dataset citation:**

Hegre, H. et al. (2022) 'Forecasting fatalities', Uppsala University, Technical report. URN: urn:nbn:se:uu:diva-476476.

Hegre, H. et al. (2021) 'ViEWS2020: Revising and evaluating the ViEWS political Violence Early-Warning System', *Journal of Peace Research*, 58(3), pp. 599–611. doi:10.1177/0022343320962157.

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More detailed information on the dataset can be found at the following web page:  
<https://viewsforecasting.org/resources/#downloads> and  
<https://viewsforecasting.org/methodology/definitions/>

### 2.71.1 Identifier Variables

Variables or combination of variables in this section identify rows in the dataset.

#### 2.71.1.1 PRIO-GRID ID (pg\_id)

*Long tag:* views\_pgm\_07\_22\_pg\_id

*Original tag:* pg\_id

*Dataset citation:* Hegre et al. (2022)

*Description:*

A PrioGRID grid identifier.

#### 2.71.1.2 Month ID (month\_id)

*Long tag:* views\_pgm\_07\_22\_month\_id

*Original tag:* month\_id

*Dataset citation:* Hegre et al. (2022)

*Description:*

A VIEWS month\_id, where month\_id is a sequence with 1 being January 1980.

### 2.71.2 Predictions

Variables in this section present the VIEWS predictions for state-based conflict over a rolling three-year forecasting window. The month and year listed in the dataset name(s) and dataset tag(s) refer to the last month of input data informing the predictions at hand.

#### 2.71.2.1 PRIO-GRID-month state-based fatalities predictions (sc\_pgm\_sb\_main)

*Long tag:* views\_pgm\_07\_22\_sc\_pgm\_sb\_main

*Original tag:* sc\_pgm\_sb\_main

*Dataset citation:* Hegre et al. (2022)

*Description:*

**Originating from:** Main ensemble model for number of fatalities in state-based conflict at the PRIO-GRID-month level of analysis.

**Development ID:** fatalities001, please see <https://github.com/prio-data/viewsforecasting/blob/main/CHANGELOG.md>.

**Outcome:** Continuous predictions for the number of fatalities per PRIO-GRID-month in impending state-based conflict.

**Type of Violence:** State-based conflict, as defined and compiled by the Uppsala Conflict Data Program (Sundberg & Melander, 2013), please see <https://www.pcr.uu.se/research/ucdp/definitions/>.

**Level of Analysis:** PRIO-GRID-month. Uses calendar months as the temporal units of analysis, and spatial units derived from PRIO-GRID 2.0 (Tollefsen, Strand & Buhaug, 2012). The latter is a standardized spatial grid structure consisting of quadratic grid cells that jointly cover all areas of the world at a resolution of 0.5 x 0.5 decimal degrees, approximately 55x55 km around the equator.

**Description:** Predicted number of fatalities in impending conflict at PRIO-GRID-month level of analysis, expressed in natural logged form plus 1 [ $\ln(Y+1)$ ]. The predictions are produced by an unweighted ensemble trained for this type of violence and level of analysis. For more information about the ensemble and the current composition of its constituent models (sub-models), please see <https://github.com/prio-data/viewsforecasting/blob/main/CHANGELOG.md> and <https://www.divaportal.org/smash/get/diva2:1667048/FULLTEXT01.pdf>.

#### 2.71.2.2 PRIO-GRID-month state-based dichotomous probability predictions (sc\_pgm\_sb\_dich\_main)

*Long tag:* views\_pgm\_07\_22\_sc\_pgm\_sb\_dich\_main

*Original tag:* sc\_pgm\_sb\_dich\_main

*Dataset citation:* Hegre et al. (2022)

*Description:*

**Originating from:** Main ensemble model for number of fatalities in state-based conflict at the PRIO-GRID-month level of analysis.

**Development ID:** fatalities001, please see <https://github.com/prio-data/viewsforecasting/blob/main/CHANGELOG.md>.

**Outcome:** Dichotomous predictions for the probability of at least 1 BRD per PRIO-GRID-month in impending state-based conflict.

**Type of Violence:** State-based conflict, as defined and compiled by the Uppsala Conflict Data Program (Sundberg & Melander, 2013), please see <https://www.pcr.uu.se/research/ucdp/definitions/>.

**Level of Analysis:** PRIO-GRID-month. Uses calendar months as the temporal units of analysis, and spatial units derived from PRIO-GRID 2.0 (Tollefsen, Strand & Buhaug, 2012). The latter is a standardized spatial grid structure consisting of quadratic grid cells that jointly cover all areas of the world at a resolution of 0.5 x 0.5 decimal degrees, approximately 55x55 km around the equator.

**Description:** Predicted probability of at least 1 battle-related death (BRD) per PRIO-GRID-month, derived from the PRIO-GRID-level ensemble predictions. For more information about the ensemble underlying these predictions (`sc_pgm_sb_main`) and the current composition of its constituent models (sub-models), please see <https://github.com/priodata/viewsforecasting/blob/main/CHANGELOG.md> and <https://www.divaportal.org/smash/get/diva2:1667048/FULLTEXT01.pdf>

## 2.72 VIEWS PRIO-GRID-Month Conflict Predictions (Last Input Data: July 2023)

**Dataset tag:** `views_pgm_07_23`

**Output Unit:** VIEWS PRIO-GRID Cell-Month, i.e., data is predicted per PRIO-GRID cell and month. This means that each row in the dataset can be identified through a combination of the variables `pg_id` and `month_id`.

### **Description:**

A dataset containing the Violence and Impacts Early-Warning System predictions for state-based conflict in Africa and the Middle East over a rolling three-year forecasting window. The month and year listed in the dataset name refer to the last month of input data informing the predictions. The forecasts are provided as point predictions for the number of people that will be killed per PRIO-GRID cell and month (expressed in both logged and non-logged form), as well as in the form of dichotomous predictions for the probability that at least one battle-related death will be reached or exceeded in any PRIO-GRID-month. Each grid cell in the dataset measures 0.5x0.5 decimal degrees, or approximately 55x55 km at the Equator.

### **Dataset citation:**

Hegre, H. et al. (2022) 'Forecasting fatalities', Uppsala University, Technical report. URN: `urn:nbn:se:uu:diva-476476`.

Hegre, H. et al. (2021) 'ViEWS2020: Revising and evaluating the ViEWS political Violence Early-Warning System', *Journal of Peace Research*, 58(3), pp. 599–611. [doi:10.1177/0022343320962157](https://doi.org/10.1177/0022343320962157).

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More detailed information on the dataset can be found at the following web page: <https://viewsforecasting.org/resources/#downloads> and <https://viewsforecasting.org/methodology/definitions/>

### 2.72.1 Identifier Variables

Variables or combination of variables in this section identify rows in the dataset.

#### 2.72.1.1 PRIO-GRID ID (`pg_id`)

*Long tag:* `views_pgm_07_23_pg_id`

*Original tag:* `pg_id`

*Dataset citation:* Hegre et al. (2022)

*Description:*

A PrioGRID grid identifier.

### 2.72.1.2 Month ID (`month_id`)

*Long tag:* `views_pgm_07_23_month_id`

*Original tag:* `month_id`

*Dataset citation:* Hegre et al. (2022)

*Description:*

A VIEWS `month_id`, where `month_id` is a sequence with 1 being January 1980.

## 2.72.2 Predictions

Variables in this section present the VIEWS predictions for state-based conflict over a rolling three-year forecasting window. The month and year listed in the dataset name(s) and dataset tag(s) refer to the last month of input data informing the predictions at hand. To learn about the type(s) of violence predicted in the VIEWS datasets, and the level(s) of analysis for which they are presented, please visit <https://viewsforecasting.org/methodology/definitions/>.

### 2.72.2.1 Predicted log number of fatalities (`main_mean_ln`)

*Long tag:* `views_pgm_07_23_main_mean_ln`

*Original tag:* `main_mean_ln`

*Dataset citation:* Hegre et al. (2022)

*Description:*

Point prediction of the log number of fatalities in impending conflict, presented per type of violence and level of analysis. Expressed in natural logged form plus 1 [ $\ln(Y+1)$ ].

### 2.72.2.2 Predicted number of fatalities (`main_mean`)

*Long tag:* `views_pgm_07_23_main_mean`

*Original tag:* `main_mean`

*Dataset citation:* Hegre et al. (2022)

*Description:*

Point prediction of the number of fatalities in impending conflict, presented per type of violence and level of analysis.

### 2.72.2.3 Predicted probability of conflict (`main_dich`)

*Long tag:* `views_pgm_07_23_main_dich`

*Original tag:* `main_dich`

*Dataset citation:* Hegre et al. (2022)

*Description:*

Predicted probability of at least 25 battle-related deaths (BRDs) per country-month. Estimated from the ensemble model results of the VIEWS model for the applicable type of violence and level of analysis.

## 2.73 VIEWS PRIO-GRID-MONTH Conflict Predictions (Last Input Data: July 2024)

*Dataset tag:* `views_pgm_07_24`

*Output Unit:* VIEWS PRIO-GRID Cell-Month, i.e., data is predicted per PRIO-GRID cell and month. This means that each row in the dataset can be identified through a combination of the variables `pg_id` and `month_id`.

*Description:*

A dataset containing the Violence and Impacts Early-Warning System predictions for state-based conflict in Africa and the Middle East over a rolling three-year forecasting window. The month and year listed in the dataset name refer to the last month of input data informing the predictions. The forecasts are provided as point predictions for the number of people that will be killed per PRIO-GRID cell and month (expressed in both logged and non-logged form), as well as in the form of dichotomous predictions for the probability that at least one battle-related death will be reached or exceeded in any PRIO-GRID-month. Each grid cell in the dataset measures 0.5x0.5 decimal degrees, or approximately 55x55 km at the Equator.

***Dataset citation:***

Hegre, H. et al. (2022) ‘Forecasting fatalities’, Uppsala University, Technical report. URN: urn:nbn:se:uu:diva-476476.

Hegre, H. et al. (2021) ‘ViEWS2020: Revising and evaluating the ViEWS political Violence Early-Warning System’, *Journal of Peace Research*, 58(3), pp. 599–611. doi:10.1177/0022343320962157.

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More detailed information on the dataset can be found at the following web page: <https://viewsforecasting.org/resources/#downloads> and <https://viewsforecasting.org/methodology/definitions/>

### 2.73.1 Identifier

These variables identify rows in the dataset.

#### 2.73.1.1 PRIO-GRID ID (pg\_id)

*Long tag:* views\_pgm\_07\_24\_pg\_id

*Original tag:* pg\_id

*Dataset citation:* Hegre et al. (2022)

*Description:*

A PrioGRID grid identifier.

#### 2.73.1.2 Month ID (month\_id)

*Long tag:* views\_pgm\_07\_24\_month\_id

*Original tag:* month\_id

*Dataset citation:* Hegre et al. (2022)

*Description:*

A VIEWS month\_id, where month\_id is a sequence with 1 being January 1980.

### 2.73.2 Predictions

Variables in this section present the VIEWS predictions for state-based conflict over a rolling three-year forecasting window. The month and year listed in the dataset name(s) and dataset tag(s) refer to the last month of input data informing the predictions at hand.

#### 2.73.2.1 Predicted log number of fatalities (main\_mean\_ln)

*Long tag:* views\_pgm\_07\_24\_main\_mean\_ln

*Original tag:* main\_mean\_ln

*Dataset citation:* Hegre et al. (2022)

*Description:*

Point prediction of the log number of fatalities in impending conflict, presented per type of violence and level of analysis. Expressed in natural logged form plus 1 [ $\ln(Y+1)$ ].



**2.73.2.2 Predicted probability of conflict (main\_dich)***Long tag:* views\_pgm\_07\_24\_main\_dich*Original tag:* main\_dich*Dataset citation:* Hegre et al. (2022)*Description:*

Predicted probability of at least one battle-related death (BRD) per PRIO-GRID-month. Estimated from the ensemble model results of the VIEWS model for the applicable type of violence and level of analysis.

**2.73.2.3 Predicted number of fatalities (main\_mean)***Long tag:* views\_pgm\_07\_24\_main\_mean*Original tag:* main\_mean*Dataset citation:* Hegre et al. (2022)*Description:*

Point prediction of the number of fatalities in impending conflict, presented per type of violence and level of analysis.

**2.74 VIEWS PRIO-GRID-Month Conflict Predictions (Last Input Data: August 2022)***Dataset tag:* views\_pgm\_08\_22

**Output Unit:** VIEWS PRIO-GRID Cell-Month, i.e., data is predicted per PRIO-GRID cell and month. This means that each row in the dataset can be identified through a combination of the variables pg\_id and month\_id.

*Description:*

A dataset containing the Violence and Impacts Early-Warning System predictions for state-based conflict in Africa and the Middle East over a rolling three-year forecasting window. The month and year listed in the dataset name refer to the last month of input data informing the predictions. The forecasts are provided as point predictions for the number of people killed per PRIO-GRID cell and month (expressed in natural logged form plus 1, i.e.  $\ln(\text{fatalities}+1)$ ). Each grid cell in the dataset measures 0.5x0.5 decimal degrees, or approximately 55x55 km at the Equator.

*Dataset citation:*

Hegre, H. et al. (2022) 'Forecasting fatalities', Uppsala University, Technical report. URN: urn:nbn:se:uu:diva-476476.

Hegre, H. et al. (2021) 'ViEWS2020: Revising and evaluating the ViEWS political Violence Early-Warning System', *Journal of Peace Research*, 58(3), pp. 599–611. doi:10.1177/0022343320962157.

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More detailed information on the dataset can be found at the following web page:  
<https://viewsforecasting.org/resources/#downloads> and  
<https://viewsforecasting.org/methodology/definitions/>

**2.74.1 Identifier Variables**

Variables or combination of variables in this section identify rows in the dataset.

**2.74.1.1 PRIO-GRID ID (pg\_id)***Long tag:* views\_pgm\_08\_22\_pg\_id*Original tag:* pg\_id

*Dataset citation:* Hegre et al. (2022)

*Description:*

A PrioGRID grid identifier.

### 2.74.1.2 Month ID (`month_id`)

*Long tag:* `views_pgm_08_22_month_id`

*Original tag:* `month_id`

*Dataset citation:* Hegre et al. (2022)

*Description:*

A VIEWS `month_id`, where `month_id` is a sequence with 1 being January 1980.

## 2.74.2 Predictions

Variables in this section present the VIEWS predictions for state-based conflict over a rolling three-year forecasting window. The month and year listed in the dataset name(s) and dataset tag(s) refer to the last month of input data informing the predictions at hand. To learn about the type(s) of violence predicted in the VIEWS datasets, and the level(s) of analysis for which they are presented, please visit <https://viewsforecasting.org/methodology/definitions/>.

### 2.74.2.1 PRIO-GRID-month state-based fatalities predictions (`sc_pgm_sb_main`)

*Long tag:* `views_pgm_08_22_sc_pgm_sb_main`

*Original tag:* `sc_pgm_sb_main`

*Dataset citation:* Hegre et al. (2022)

*Description:*

**Originating from:** Main ensemble model for number of fatalities in state-based conflict at the PRIO-GRID-month level of analysis.

**Development ID:** `fatalities001`, please see <https://github.com/prio-data/viewsforecasting/blob/main/CHANGELOG.md>.

**Outcome:** Continuous predictions for the number of fatalities per PRIO-GRID-month in impending state-based conflict.

**Type of Violence:** State-based conflict, as defined and compiled by the Uppsala Conflict Data Program (Sundberg & Melander, 2013), please see <https://www.pcr.uu.se/research/ucdp/definitions/>.

**Level of Analysis:** PRIO-GRID-month. Uses calendar months as the temporal units of analysis, and spatial units derived from PRIO-GRID 2.0 (Tollefsen, Strand & Buhaug, 2012). The latter is a standardized spatial grid structure consisting of quadratic grid cells that jointly cover all areas of the world at a resolution of 0.5 x 0.5 decimal degrees, approximately 55x55 km around the equator.

**Description:** Predicted number of fatalities in impending conflict at PRIO-GRID-month level of analysis, expressed in natural logged form plus 1 [ $\ln(Y+1)$ ]. The predictions are produced by an unweighted ensemble trained for this type of violence and level of analysis. For more information about the ensemble and the current composition of its constituent models (sub-models), please see <https://github.com/prio-data/viewsforecasting/blob/main/CHANGELOG.md> and <https://www.divaportal.org/smash/get/diva2:1667048/FULLTEXT01.pdf>.

### 2.74.2.2 PRIO-GRID-month state-based dichotomous probability predictions (`sc_pgm_sb_dich_main`)

*Long tag:* `views_pgm_08_22_sc_pgm_sb_dich_main`

*Original tag:* `sc_pgm_sb_dich_main`

*Dataset citation:* Hegre et al. (2022)

*Description:*

**Originating from:** Main ensemble model for number of fatalities in state-based conflict at the PRIO-GRID-month level of analysis.

**Development ID:** fatalities001, please see <https://github.com/prio-data/viewsforecasting/blob/main/CHANGELOG.md>.

**Outcome:** Dichotomous predictions for the probability of at least 1 BRD per PRIO-GRID-month in impending state-based conflict.

**Type of Violence:** State-based conflict, as defined and compiled by the Uppsala Conflict Data Program (Sundberg & Melander, 2013), please see <https://www.pcr.uu.se/research/ucdp/definitions/>.

**Level of Analysis:** PRIO-GRID-month. Uses calendar months as the temporal units of analysis, and spatial units derived from PRIO-GRID 2.0 (Tollefsen, Strand & Buhaug, 2012). The latter is a standardized spatial grid structure consisting of quadratic grid cells that jointly cover all areas of the world at a resolution of 0.5 x 0.5 decimal degrees, approximately 55x55 km around the equator.

**Description:** Predicted probability of at least 1 battle-related death (BRD) per PRIO-GRID-month, derived from the PRIO-GRID-level ensemble predictions. For more information about the ensemble underlying these predictions (`sc_pgm_sb_main`) and the current composition of its constituent models (sub-models), please see <https://github.com/priodata/viewsforecasting/blob/main/CHANGELOG.md> and <https://www.divaportal.org/smash/get/diva2:1667048/FULLTEXT01.pdf>

## 2.75 VIEWS PRIO-GRID-Month Conflict Predictions (Last Input Data: August 2023)

*Dataset tag:* `views_pgm_08_23`

**Output Unit:** VIEWS PRIO-GRID Cell-Month, i.e., data is predicted per PRIO-GRID cell and month. This means that each row in the dataset can be identified through a combination of the variables `pg_id` and `month_id`.

*Description:*

A dataset containing the Violence and Impacts Early-Warning System predictions for state-based conflict in Africa and the Middle East over a rolling three-year forecasting window. The month and year listed in the dataset name refer to the last month of input data informing the predictions. The forecasts are provided as point predictions for the number of people that will be killed per PRIO-GRID cell and month (expressed in both logged and non-logged form), as well as in the form of dichotomous predictions for the probability that at least one battle-related death will be reached or exceeded in any PRIO-GRID-month. Each grid cell in the dataset measures 0.5x0.5 decimal degrees, or approximately 55x55 km at the Equator.

*Dataset citation:*

Hegre, H. et al. (2022) 'Forecasting fatalities', Uppsala University, Technical report. URN: `urn:nbn:se:uu:diva-476476`.

Hegre, H. et al. (2021) 'ViEWS2020: Revising and evaluating the ViEWS political Violence Early-Warning System', *Journal of Peace Research*, 58(3), pp. 599–611. doi:10.1177/0022343320962157.

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More detailed information on the dataset can be found at the following web page:  
<https://viewsforecasting.org/resources/#downloads> and  
<https://viewsforecasting.org/methodology/definitions/>

### 2.75.1 Identifier Variables

Variables or combination of variables in this section identify rows in the dataset.

#### 2.75.1.1 PRIO-GRID ID (`pg_id`)

*Long tag:* views\_pgm\_08\_23\_pg\_id

*Original tag:* pg\_id

*Dataset citation:* Hegre et al. (2022)

*Description:*

A PrioGRID grid identifier.

#### 2.75.1.2 Month ID (`month_id`)

*Long tag:* views\_pgm\_08\_23\_month\_id

*Original tag:* month\_id

*Dataset citation:* Hegre et al. (2022)

*Description:*

A VIEWS month\_id, where month\_id is a sequence with 1 being January 1980.

### 2.75.2 Predictions

Variables in this section present the VIEWS predictions for state-based conflict over a rolling three-year forecasting window. The month and year listed in the dataset name(s) and dataset tag(s) refer to the last month of input data informing the predictions at hand.

#### 2.75.2.1 Predicted log number of fatalities (`main_mean_ln`)

*Long tag:* views\_pgm\_08\_23\_main\_mean\_ln

*Original tag:* main\_mean\_ln

*Dataset citation:* Hegre et al. (2022)

*Description:*

Point prediction of the log number of fatalities in impending conflict, presented per type of violence and level of analysis. Expressed in natural logged form plus 1 [ $\ln(Y+1)$ ].

#### 2.75.2.2 Predicted number of fatalities (`main_mean`)

*Long tag:* views\_pgm\_08\_23\_main\_mean

*Original tag:* main\_mean

*Dataset citation:* Hegre et al. (2022)

*Description:*

Point prediction of the number of fatalities in impending conflict, presented per type of violence and level of analysis.

#### 2.75.2.3 Predicted probability of conflict (`main_dich`)

*Long tag:* views\_pgm\_08\_23\_main\_dich

*Original tag:* main\_dich

*Dataset citation:* Hegre et al. (2022)

*Description:*

Predicted probability of at least one battle-related death (BRD) per PRIO-GRID-month.

Estimated from the ensemble model results of the VIEWS model for the applicable type of violence and level of analysis.

## 2.76 VIEWS PRIO-GRID-Month Conflict Predictions (Last Input Data: September 2022)

**Dataset tag:** views\_pgm\_09\_22

**Output Unit:** VIEWS PRIO-GRID Cell-Month, i.e., data is predicted per PRIO-GRID cell and month. This means that each row in the dataset can be identified through a combination of the variables pg\_id and month\_id.

### **Description:**

A dataset containing the Violence and Impacts Early-Warning System predictions for state-based conflict in Africa and the Middle East over a rolling three-year forecasting window. The month and year listed in the dataset name refer to the last month of input data informing the predictions. The forecasts are provided as point predictions for the number of people killed per PRIO-GRID cell and month (expressed in natural logged form plus 1, i.e.  $\ln(\text{fatalities}+1)$ ). Each grid cell in the dataset measures 0.5x0.5 decimal degrees, or approximately 55x55 km at the Equator.

### **Dataset citation:**

Hegre, H. et al. (2022) 'Forecasting fatalities', Uppsala University, Technical report. URN: urn:nbn:se:uu:diva-476476.

Hegre, H. et al. (2021) 'ViEWS2020: Revising and evaluating the ViEWS political Violence Early-Warning System', *Journal of Peace Research*, 58(3), pp. 599–611. doi:10.1177/0022343320962157.

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More detailed information on the dataset can be found at the following web page: <https://viewsforecasting.org/resources/#downloads> and

<https://viewsforecasting.org/methodology/definitions/>

### 2.76.1 Identifier Variables

Variables or combination of variables in this section identify rows in the dataset.

#### 2.76.1.1 PRIO-GRID ID (pg\_id)

*Long tag:* views\_pgm\_09\_22\_pg\_id

*Original tag:* pg\_id

*Dataset citation:* Hegre et al. (2022)

*Description:*

A PrioGRID grid identifier.

#### 2.76.1.2 Month ID (month\_id)

*Long tag:* views\_pgm\_09\_22\_month\_id

*Original tag:* month\_id

*Dataset citation:* Hegre et al. (2022)

*Description:*

A VIEWS month\_id, where month\_id is a sequence with 1 being January 1980.

## 2.76.2 Predictions

Variables in this section present the VIEWS predictions for state-based conflict over a rolling three-year forecasting window. The month and year listed in the dataset name(s) and dataset tag(s) refer to the last month of input data informing the predictions at hand. To learn about the type(s) of violence predicted in the VIEWS datasets, and the level(s) of analysis for which they are presented, please visit <https://viewsforecasting.org/methodology/definitions/>.

### 2.76.2.1 PRIO-GRID-month state-based fatalities predictions (sc\_pgm\_sb\_main)

*Long tag:* views\_pgm\_09\_22\_sc\_pgm\_sb\_main

*Original tag:* sc\_pgm\_sb\_main

*Dataset citation:* Hegre et al. (2022)

*Description:*

**Originating from:** Main ensemble model for number of fatalities in state-based conflict at the PRIO-GRID-month level of analysis.

**Development ID:** fatalities001, please see <https://github.com/prio-data/viewsforecasting/blob/main/CHANGELOG.md>.

**Outcome:** Continuous predictions for the number of fatalities per PRIO-GRID-month in impending state-based conflict.

**Type of Violence:** State-based conflict, as defined and compiled by the Uppsala Conflict Data Program (Sundberg & Melander, 2013), please see <https://www.pcr.uu.se/research/ucdp/definitions/>.

**Level of Analysis:** PRIO-GRID-month. Uses calendar months as the temporal units of analysis, and spatial units derived from PRIO-GRID 2.0 (Tollefsen, Strand & Buhaug, 2012). The latter is a standardized spatial grid structure consisting of quadratic grid cells that jointly cover all areas of the world at a resolution of 0.5 x 0.5 decimal degrees, approximately 55x55 km around the equator.

**Description:** Predicted number of fatalities in impending conflict at PRIO-GRID-month level of analysis, expressed in natural logged form plus 1  $[\ln(Y+1)]$ . The predictions are produced by an unweighted ensemble trained for this type of violence and level of analysis. For more information about the ensemble and the current composition of its constituent models (sub-models), please see <https://github.com/prio-data/viewsforecasting/blob/main/CHANGELOG.md> and <https://www.divaportal.org/smash/get/diva2:1667048/FULLTEXT01.pdf>.

### 2.76.2.2 PRIO-GRID-month state-based dichotomous probability predictions (sc\_pgm\_sb\_dich\_main)

*Long tag:* views\_pgm\_09\_22\_sc\_pgm\_sb\_dich\_main

*Original tag:* sc\_pgm\_sb\_dich\_main

*Dataset citation:* Hegre et al. (2022)

*Description:*

**Originating from:** Main ensemble model for number of fatalities in state-based conflict at the PRIO-GRID-month level of analysis.

**Development ID:** fatalities001, please see <https://github.com/prio-data/viewsforecasting/blob/main/CHANGELOG.md>.

**Outcome:** Dichotomous predictions for the probability of at least 1 BRD per PRIO-GRID-month in impending state-based conflict.

**Type of Violence:** State-based conflict, as defined and compiled by the Uppsala Conflict

Data Program (Sundberg & Melander, 2013), please see <https://www.pcr.uu.se/research/ucdp/definitions/>.

**Level of Analysis:** PRIO-GRID-month. Uses calendar months as the temporal units of analysis, and spatial units derived from PRIO-GRID 2.0 (Tollefsen, Strand & Buhaug, 2012). The latter is a standardized spatial grid structure consisting of quadratic grid cells that jointly cover all areas of the world at a resolution of 0.5 x 0.5 decimal degrees, approximately 55x55 km around the equator.

**Description:** Predicted probability of at least 1 battle-related death (BRD) per PRIO-GRID-month, derived from the PRIO-GRID-level ensemble predictions. For more information about the ensemble underlying these predictions (`sc_pgm_sb_main`) and the current composition of its constituent models (sub-models), please see <https://github.com/priodata/viewsforecasting/blob/main/CHANGELOG.md> and <https://www.divaportal.org/smash/get/diva2:1667048/FULLTEXT01.pdf>

## 2.77 VIEWS PRIO-GRID-Month Conflict Predictions (Last Input Data: September 2023)

**Dataset tag:** `views_pgm_09_23`

**Output Unit:** VIEWS PRIO-GRID Cell-Month, i.e., data is predicted per PRIO-GRID cell and month. This means that each row in the dataset can be identified through a combination of the variables `pg_id` and `month_id`.

### **Description:**

A dataset containing the Violence and Impacts Early-Warning System predictions for state-based conflict in Africa and the Middle East over a rolling three-year forecasting window. The month and year listed in the dataset name refer to the last month of input data informing the predictions. The forecasts are provided as point predictions for the number of people that will be killed per PRIO-GRID cell and month (expressed in both logged and non-logged form), as well as in the form of dichotomous predictions for the probability that at least one battle-related death will be reached or exceeded in any PRIO-GRID-month. Each grid cell in the dataset measures 0.5x0.5 decimal degrees, or approximately 55x55 km at the Equator.

### **Dataset citation:**

Hegre, H. et al. (2022) 'Forecasting fatalities', Uppsala University, Technical report. URN: <urn:nbn:se:uu:diva-476476>.

Hegre, H. et al. (2021) 'ViEWS2020: Revising and evaluating the ViEWS political Violence Early-Warning System', *Journal of Peace Research*, 58(3), pp. 599–611. [doi:10.1177/0022343320962157](https://doi.org/10.1177/0022343320962157).

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More detailed information on the dataset can be found at the following web page: <https://viewsforecasting.org/resources/#downloads> and

<https://viewsforecasting.org/methodology/definitions/>

### 2.77.1 Identifier Variables

Variables or combination of variables in this section identify rows in the dataset.

#### 2.77.1.1 PRIO-GRID ID (`pg_id`)

*Long tag:* `views_pgm_09_23_pg_id`

*Original tag:* `pg_id`

*Dataset citation:* Hegre et al. (2022)

*Description:*

A PrioGRID grid identifier.

**2.77.1.2 Month ID (month\_id)**

*Long tag:* views\_pgm\_09\_23\_month\_id

*Original tag:* month\_id

*Dataset citation:* Hegre et al. (2022)

*Description:*

A VIEWS month\_id, where month\_id is a sequence with 1 being January 1980.

**2.77.2 Predictions**

Variables in this section present the VIEWS predictions for state-based conflict over a rolling three-year forecasting window. The month and year listed in the dataset name(s) and dataset tag(s) refer to the last month of input data informing the predictions at hand.

**2.77.2.1 Predicted number of fatalities (main\_mean)**

*Long tag:* views\_pgm\_09\_23\_main\_mean

*Original tag:* main\_mean

*Dataset citation:* Hegre et al. (2022)

*Description:*

Point prediction of the number of fatalities in impending conflict, presented per type of violence and level of analysis.

**2.77.2.2 Predicted log number of fatalities (main\_mean\_ln)**

*Long tag:* views\_pgm\_09\_23\_main\_mean\_ln

*Original tag:* main\_mean\_ln

*Dataset citation:* Hegre et al. (2022)

*Description:*

Point prediction of the log number of fatalities in impending conflict, presented per type of violence and level of analysis. Expressed in natural logged form plus 1  $[\ln(Y+1)]$ .

**2.77.2.3 Predicted probability of conflict (main\_dich)**

*Long tag:* views\_pgm\_09\_23\_main\_dich

*Original tag:* main\_dich

*Dataset citation:* Hegre et al. (2022)

*Description:*

Predicted probability of at least one battle-related death (BRD) per PRIO-GRID-month. Estimated from the ensemble model results of the VIEWS model for the applicable type of violence and level of analysis.

**2.78 VIEWS PRIO-GRID-MONTH CONFLICT PREDICTIONS (Last Input Data: October 2022)**

**Dataset tag:** views\_pgm\_10\_22

**Output Unit:** VIEWS PRIO-GRID Cell-Month, i.e., data is predicted per PRIO-GRID cell and month. This means that each row in the dataset can be identified through a combination of the variables pg\_id and month\_id.

**Description:**

A dataset containing the Violence and Impacts Early-Warning System predictions for state-based



conflict in Africa and the Middle East over a rolling three-year forecasting window. The month and year listed in the dataset name refer to the last month of input data informing the predictions. The forecasts are provided as point predictions for the number of people killed per PRIO-GRID cell and month (expressed in natural logged form plus 1, i.e.  $\ln(\text{fatalities}+1)$ ). Each grid cell in the dataset measures 0.5x0.5 decimal degrees, or approximately 55x55 km at the Equator.

**Dataset citation:**

Hegre, H. et al. (2022) ‘Forecasting fatalities’, Uppsala University, Technical report. URN: urn:nbn:se:uu:diva-476476.

Hegre, H. et al. (2021) ‘ViEWS2020: Revising and evaluating the ViEWS political Violence Early-Warning System’, *Journal of Peace Research*, 58(3), pp. 599–611. doi:10.1177/0022343320962157.

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More detailed information on the dataset can be found at the following web page: <https://viewsforecasting.org/resources/#downloads> and <https://viewsforecasting.org/methodology/definitions/>

### 2.78.1 Identifier Variables

Variables or combination of variables in this section identify rows in the dataset.

#### 2.78.1.1 PRIO-GRID ID (pg\_id)

*Long tag:* views\_pgm\_10\_22\_pg\_id

*Original tag:* pg\_id

*Dataset citation:* Hegre et al. (2022)

*Description:*

A PrioGRID grid identifier.

#### 2.78.1.2 Month ID (month\_id)

*Long tag:* views\_pgm\_10\_22\_month\_id

*Original tag:* month\_id

*Dataset citation:* Hegre et al. (2022)

*Description:*

A VIEWS month\_id, where month\_id is a sequence with 1 being January 1980.

### 2.78.2 Predictions

Variables in this section present the VIEWS predictions for state-based conflict over a rolling three-year forecasting window. The month and year listed in the dataset name(s) and dataset tag(s) refer to the last month of input data informing the predictions at hand.

#### 2.78.2.1 PRIO-GRID-month state-based fatalities predictions (sc\_pgm\_sb\_main)

*Long tag:* views\_pgm\_10\_22\_sc\_pgm\_sb\_main

*Original tag:* sc\_pgm\_sb\_main

*Dataset citation:* Hegre et al. (2022)

*Description:*

**Originating from:** Main ensemble model for number of fatalities in state-based conflict at the PRIO-GRID-month level of analysis.

**Development ID:** fatalities001, please see <https://github.com/prio-data/viewsforecasting/blob/main/CHANGELOG.md>.

**Outcome:** Continuous predictions for the number of fatalities per PRIO-GRID-month in impending state-based conflict.

**Type of Violence:** State-based conflict, as defined and compiled by the Uppsala Conflict Data Program (Sundberg & Melander, 2013), please see <https://www.pcr.uu.se/research/ucdp/definitions/>.

**Level of Analysis:** PRIO-GRID-month. Uses calendar months as the temporal units of analysis, and spatial units derived from PRIO-GRID 2.0 (Tollefsen, Strand & Buhaug, 2012). The latter is a standardized spatial grid structure consisting of quadratic grid cells that jointly cover all areas of the world at a resolution of 0.5 x 0.5 decimal degrees, approximately 55x55 km around the equator.

**Description:** Predicted number of fatalities in impending conflict at PRIO-GRID-month level of analysis, expressed in natural logged form plus 1 [ $\ln(Y+1)$ ]. The predictions are produced by an unweighted ensemble trained for this type of violence and level of analysis. For more information about the ensemble and the current composition of its constituent models (sub-models), please see <https://github.com/prio-data/viewsforecasting/blob/main/CHANGELOG.md> and <https://www.divaportal.org/smash/get/diva2:1667048/FULLTEXT01.pdf>.

### 2.78.2.2 PRIO-GRID-month state-based dichotomous probability predictions (sc\_pgm\_sb\_dich\_main)

*Long tag:* views\_pgm\_10\_22\_sc\_pgm\_sb\_dich\_main

*Original tag:* sc\_pgm\_sb\_dich\_main

*Dataset citation:* Hegre et al. (2022)

*Description:*

**Originating from:** Main ensemble model for number of fatalities in state-based conflict at the PRIO-GRID-month level of analysis.

**Development ID:** fatalities001, please see <https://github.com/prio-data/viewsforecasting/blob/main/CHANGELOG.md>.

**Outcome:** Dichotomous predictions for the probability of at least 1 BRD per PRIO-GRID-month in impending state-based conflict.

**Type of Violence:** State-based conflict, as defined and compiled by the Uppsala Conflict Data Program (Sundberg & Melander, 2013), please see <https://www.pcr.uu.se/research/ucdp/definitions/>.

**Level of Analysis:** PRIO-GRID-month. Uses calendar months as the temporal units of analysis, and spatial units derived from PRIO-GRID 2.0 (Tollefsen, Strand & Buhaug, 2012). The latter is a standardized spatial grid structure consisting of quadratic grid cells that jointly cover all areas of the world at a resolution of 0.5 x 0.5 decimal degrees, approximately 55x55 km around the equator.

**Description:** Predicted probability of at least 1 battle-related death (BRD) per PRIO-GRID-month, derived from the PRIO-GRID-level ensemble predictions. For more information about the ensemble underlying these predictions (sc\_pgm\_sb\_main) and the current composition of its constituent models (sub-models), please see <https://github.com/priodata/viewsforecasting/blob/main/CHANGELOG.md> and <https://www.divaportal.org/smash/get/diva2:1667048/FULLTEXT01.pdf>

## 2.79 VIEWS PRIO-GRID-Month Conflict Predictions (Last Input Data: October 2023)

**Dataset tag:** views\_pgm\_10\_23

**Output Unit:** VIEWS PRIO-GRID Cell-Month, i.e., data is predicted per PRIO-GRID cell and month. This means that each row in the dataset can be identified through a combination of the variables pg\_id and month\_id.

**Description:**

A dataset containing the Violence and Impacts Early-Warning System predictions for state-based conflict in Africa and the Middle East over a rolling three-year forecasting window. The month and year listed in the dataset name refer to the last month of input data informing the predictions. The forecasts are provided as point predictions for the number of people that will be killed per PRIO-GRID cell and month (expressed in both logged and non-logged form), as well as in the form of dichotomous predictions for the probability that at least one battle-related death will be reached or exceeded in any PRIO-GRID-month. Each grid cell in the dataset measures 0.5x0.5 decimal degrees, or approximately 55x55 km at the Equator.

**Dataset citation:**

Hegre, H. et al. (2022) 'Forecasting fatalities', Uppsala University, Technical report. URN: urn:nbn:se:uu:diva-476476.

Hegre, H. et al. (2021) 'ViEWS2020: Revising and evaluating the ViEWS political Violence Early-Warning System', *Journal of Peace Research*, 58(3), pp. 599–611. doi:10.1177/0022343320962157.

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More detailed information on the dataset can be found at the following web page: <https://viewsforecasting.org/resources/#downloads> and <https://viewsforecasting.org/methodology/definitions/>

### 2.79.1 Identifier Variables

Variables or combination of variables in this section identify rows in the dataset.

#### 2.79.1.1 PRIO-GRID ID (pg\_id)

*Long tag:* views\_pgm\_10\_23\_pg\_id

*Original tag:* pg\_id

*Dataset citation:* Hegre et al. (2022)

*Description:*

A PrioGRID grid identifier.

#### 2.79.1.2 Month ID (month\_id)

*Long tag:* views\_pgm\_10\_23\_month\_id

*Original tag:* month\_id

*Dataset citation:* Hegre et al. (2022)

*Description:*

A VIEWS month\_id, where month\_id is a sequence with 1 being January 1980.

### 2.79.2 Predictions

Variables in this section present the VIEWS predictions for state-based conflict over a rolling three-year forecasting window. The month and year listed in the dataset name(s) and dataset tag(s) refer to the last month of input data informing the predictions at hand.

**2.79.2.1 Predicted number of fatalities (main\_mean)**

*Long tag:* views\_pgm\_10\_23\_main\_mean

*Original tag:* main\_mean

*Dataset citation:* Hegre et al. (2022)

*Description:*

Point prediction of the number of fatalities in impending conflict, presented per type of violence and level of analysis.

**2.79.2.2 Predicted log number of fatalities (main\_mean\_ln)**

*Long tag:* views\_pgm\_10\_23\_main\_mean\_ln

*Original tag:* main\_mean\_ln

*Dataset citation:* Hegre et al. (2022)

*Description:*

Point prediction of the log number of fatalities in impending conflict, presented per type of violence and level of analysis. Expressed in natural logged form plus 1 [ $\ln(Y+1)$ ].

**2.79.2.3 Predicted probability of conflict (main\_dich)**

*Long tag:* views\_pgm\_10\_23\_main\_dich

*Original tag:* main\_dich

*Dataset citation:* Hegre et al. (2022)

*Description:*

Predicted probability of at least one battle-related death (BRD) per PRIO-GRID-month. Estimated from the ensemble model results of the VIEWS model for the applicable type of violence and level of analysis.

**2.80 VIEWS PRIO-GRID-Month Conflict Predictions (Last Input Data: November 2022)**

*Dataset tag:* views\_pgm\_11\_22

**Output Unit:** VIEWS PRIO-GRID Cell-Month, i.e., data is predicted per PRIO-GRID cell and month. This means that each row in the dataset can be identified through a combination of the variables pg\_id and month\_id.

**Description:**

A dataset containing the Violence and Impacts Early-Warning System predictions for state-based conflict in Africa and the Middle East over a rolling three-year forecasting window. The month and year listed in the dataset name refer to the last month of input data informing the predictions. The forecasts are provided as point predictions for the number of people killed per PRIO-GRID cell and month (expressed in natural logged form plus 1, i.e.  $\ln(\text{fatalities}+1)$ ). Each grid cell in the dataset measures 0.5x0.5 decimal degrees, or approximately 55x55 km at the Equator.

**Dataset citation:**

Hegre, H. et al. (2022) 'Forecasting fatalities', Uppsala University, Technical report. URN: urn:nbn:se:uu:diva-476476.

Hegre, H. et al. (2021) 'ViEWS2020: Revising and evaluating the ViEWS political Violence Early-Warning System', *Journal of Peace Research*, 58(3), pp. 599-611. doi:10.1177/0022343320962157.

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More detailed information on the dataset can be found at the following web page:

<https://viewsforecasting.org/resources/#downloads>

and

<https://viewsforecasting.org/methodology/definitions/>

### 2.80.1 Identifier Variables

Variables or combination of variables in this section identify rows in the dataset.

#### 2.80.1.1 PRIO-GRID ID (`pg_id`)

*Long tag:* `views_pgm_11_22_pg_id`

*Original tag:* `pg_id`

*Dataset citation:* Hegre et al. (2022)

*Description:*

A PrioGRID grid identifier.

#### 2.80.1.2 Month ID (`month_id`)

*Long tag:* `views_pgm_11_22_month_id`

*Original tag:* `month_id`

*Dataset citation:* Hegre et al. (2022)

*Description:*

A VIEWS `month_id`, where `month_id` is a sequence with 1 being January 1980.

### 2.80.2 Predictions

Variables in this section present the VIEWS predictions for state-based conflict over a rolling three-year forecasting window. The month and year listed in the dataset name(s) and dataset tag(s) refer to the last month of input data informing the predictions at hand.

#### 2.80.2.1 PRIO-GRID-month state-based fatalities predictions (`sc_pgm_sb_main`)

*Long tag:* `views_pgm_11_22_sc_pgm_sb_main`

*Original tag:* `sc_pgm_sb_main`

*Dataset citation:* Hegre et al. (2022)

*Description:*

**Originating from:** Main ensemble model for number of fatalities in state-based conflict at the PRIO-GRID-month level of analysis.

**Development ID:** `fatalities001`, please see <https://github.com/prio-data/viewsforecasting/blob/main/CHANGELOG.md>.

**Outcome:** Continuous predictions for the number of fatalities per PRIO-GRID-month in impending state-based conflict.

**Type of Violence:** State-based conflict, as defined and compiled by the Uppsala Conflict Data Program (Sundberg & Melander, 2013), please see <https://www.pcr.uu.se/research/ucdp/definitions/>.

**Level of Analysis:** PRIO-GRID-month. Uses calendar months as the temporal units of analysis, and spatial units derived from PRIO-GRID 2.0 (Tollefsen, Strand & Buhaug, 2012). The latter is a standardized spatial grid structure consisting of quadratic grid cells that jointly cover all areas of the world at a resolution of 0.5 x 0.5 decimal degrees, approximately 55x55 km around the equator.

**Description:** Predicted number of fatalities in impending conflict at PRIO-GRID-month level of analysis, expressed in natural logged form plus 1  $[\ln(Y+1)]$ . The predictions are produced by an unweighted ensemble trained for this type of

violence and level of analysis. For more information about the ensemble and the current composition of its constituent models (sub-models), please see <https://github.com/prio-data/viewsforecasting/blob/main/CHANGELOG.md> and <https://www.divaportal.org/smash/get/diva2:1667048/FULLTEXT01.pdf>.

### 2.80.2.2 PRIO-GRID-month state-based dichotomous probability predictions (sc\_pgm\_sb\_dich\_main)

*Long tag:* views\_pgm\_11\_22\_sc\_pgm\_sb\_dich\_main

*Original tag:* sc\_pgm\_sb\_dich\_main

*Dataset citation:* Hegre et al. (2022)

*Description:*

**Originating from:** Main ensemble model for number of fatalities in state-based conflict at the PRIO-GRID-month level of analysis.

**Development ID:** fatalities001, please see <https://github.com/prio-data/viewsforecasting/blob/main/CHANGELOG.md>.

**Outcome:** Dichotomous predictions for the probability of at least 1 BRD per PRIO-GRID-month in impending state-based conflict.

**Type of Violence:** State-based conflict, as defined and compiled by the Uppsala Conflict Data Program (Sundberg & Melander, 2013), please see <https://www.pcr.uu.se/research/ucdp/definitions/>.

**Level of Analysis:** PRIO-GRID-month. Uses calendar months as the temporal units of analysis, and spatial units derived from PRIO-GRID 2.0 (Tollefsen, Strand & Buhaug, 2012). The latter is a standardized spatial grid structure consisting of quadratic grid cells that jointly cover all areas of the world at a resolution of 0.5 x 0.5 decimal degrees, approximately 55x55 km around the equator.

**Description:** Predicted probability of at least 1 battle-related death (BRD) per PRIO-GRID-month, derived from the PRIO-GRID-level ensemble predictions. For more information about the ensemble underlying these predictions (sc\_pgm\_sb\_main) and the current composition of its constituent models (sub-models), please see <https://github.com/priodata/viewsforecasting/blob/main/CHANGELOG.md> and <https://www.divaportal.org/smash/get/diva2:1667048/FULLTEXT01.pdf>

## 2.81 VIEWS PRIO-GRID-Month Conflict Predictions (Last Input Data: November 2023)

*Dataset tag:* views\_pgm\_11\_23

**Output Unit:** VIEWS PRIO-GRID Cell-Month, i.e., data is predicted per PRIO-GRID cell and month. This means that each row in the dataset can be identified through a combination of the variables pg\_id and month\_id.

*Description:*

A dataset containing the Violence and Impacts Early-Warning System predictions for state-based conflict in Africa and the Middle East over a rolling three-year forecasting window. The month and year listed in the dataset name refer to the last month of input data informing the predictions. The forecasts are provided as point predictions for the number of people that will be killed per PRIO-GRID cell and month (expressed in both logged and non-logged form), as well as in the form of dichotomous predictions for the probability that at least one battle-related death will be reached or exceeded in any PRIO-GRID-month. Each grid cell in the dataset measures 0.5x0.5 decimal degrees, or approximately 55x55 km at the Equator.

*Dataset citation:*

Hegre, H. et al. (2022) ‘Forecasting fatalities’, Uppsala University, Technical report. URN: urn:nbn:se:uu:diva-476476.

Hegre, H. et al. (2021) ‘ViEWS2020: Revising and evaluating the ViEWS political Violence Early-Warning System’, *Journal of Peace Research*, 58(3), pp. 599–611. doi:10.1177/0022343320962157.

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More detailed information on the dataset can be found at the following web page: <https://viewsforecasting.org/resources/#downloads> and <https://viewsforecasting.org/methodology/definitions/>

### 2.81.1 Identifier Variables

Variables or combination of variables in this section identify rows in the dataset.

#### 2.81.1.1 PRIO-GRID ID (pg\_id)

*Long tag:* views\_pgm\_11\_23\_pg\_id

*Original tag:* pg\_id

*Dataset citation:* Hegre et al. (2022)

*Description:*

A PrioGRID grid identifier.

#### 2.81.1.2 Month ID (month\_id)

*Long tag:* views\_pgm\_11\_23\_month\_id

*Original tag:* month\_id

*Dataset citation:* Hegre et al. (2022)

*Description:*

A VIEWS month\_id, where month\_id is a sequence with 1 being January 1980.

### 2.81.2 Predictions

Variables in this section present the VIEWS predictions for state-based conflict over a rolling three-year forecasting window. The month and year listed in the dataset name(s) and dataset tag(s) refer to the last month of input data informing the predictions at hand.

#### 2.81.2.1 Predicted number of fatalities (main\_mean)

*Long tag:* views\_pgm\_11\_23\_main\_mean

*Original tag:* main\_mean

*Dataset citation:* Hegre et al. (2022)

*Description:*

Point prediction of the number of fatalities in impending conflict, presented per type of violence and level of analysis.

#### 2.81.2.2 Predicted log number of fatalities (main\_mean\_ln)

*Long tag:* views\_pgm\_11\_23\_main\_mean\_ln

*Original tag:* main\_mean\_ln

*Dataset citation:* Hegre et al. (2022)

*Description:*

Point prediction of the log number of fatalities in impending conflict, presented per type of violence and level of analysis. Expressed in natural logged form plus 1 [ $\ln(Y+1)$ ].

**2.81.2.3 Predicted probability of conflict (main\_dich)**

*Long tag:* views\_pgm\_11\_23\_main\_dich

*Original tag:* main\_dich

*Dataset citation:* Hegre et al. (2022)

*Description:*

Predicted probability of at least one battle-related death (BRD) per PRIO-GRID-month. Estimated from the ensemble model results of the VIEWS model for the applicable type of violence and level of analysis.

**2.82 VIEWS PRIO-GRID-Month Conflict Predictions (Last Input Data: December 2022)**

*Dataset tag:* views\_pgm\_12\_22

**Output Unit:** VIEWS PRIO-GRID Cell-Month, i.e., data is predicted per PRIO-GRID cell and month. This means that each row in the dataset can be identified through a combination of the variables pg\_id and month\_id.

**Description:**

A dataset containing the Violence and Impacts Early-Warning System predictions for state-based conflict in Africa and the Middle East over a rolling three-year forecasting window. The month and year listed in the dataset name refer to the last month of input data informing the predictions. The forecasts are provided as point predictions for the number of people killed per PRIO-GRID cell and month (expressed in natural logged form plus 1, i.e.  $\ln(\text{fatalities}+1)$ ). Each grid cell in the dataset measures 0.5x0.5 decimal degrees, or approximately 55x55 km at the Equator.

**Dataset citation:**

Hegre, H. et al. (2022) 'Forecasting fatalities', Uppsala University, Technical report. URN: urn:nbn:se:uu:diva-476476.

Hegre, H. et al. (2021) 'ViEWS2020: Revising and evaluating the ViEWS political Violence Early-Warning System', *Journal of Peace Research*, 58(3), pp. 599–611. doi:10.1177/0022343320962157.

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More detailed information on the dataset can be found at the following web page: <https://viewsforecasting.org/resources/#downloads> and <https://viewsforecasting.org/methodology/definitions/>

**2.82.1 Identifier Variables**

Variables or combination of variables in this section identify rows in the dataset.

**2.82.1.1 PRIO-GRID ID (pg\_id)**

*Long tag:* views\_pgm\_12\_22\_pg\_id

*Original tag:* pg\_id

*Dataset citation:* Hegre et al. (2022)

*Description:*

A PrioGRID grid identifier.

**2.82.1.2 Month ID (month\_id)**

*Long tag:* views\_pgm\_12\_22\_month\_id

*Original tag:* month\_id

*Dataset citation:* Hegre et al. (2022)



*Description:*

A VIEWS month\_id, where month\_id is a sequence with 1 being January 1980.

**2.82.2 Predictions**

Variables in this section present the VIEWS predictions for state-based conflict over a rolling three-year forecasting window. The month and year listed in the dataset name(s) and dataset tag(s) refer to the last month of input data informing the predictions at hand.

**2.82.2.1 PRIO-GRID-month state-based fatalities predictions (sc\_pgm\_sb\_main)**

*Long tag:* views\_pgm\_12\_22\_sc\_pgm\_sb\_main

*Original tag:* sc\_pgm\_sb\_main

*Dataset citation:* Hegre et al. (2022)

*Description:*

**Originating from:** Main ensemble model for number of fatalities in state-based conflict at the PRIO-GRID-month level of analysis.

**Development ID:** fatalities001, please see <https://github.com/prio-data/viewforecasting/blob/main/CHANGELOG.md>.

**Outcome:** Continuous predictions for the number of fatalities per PRIO-GRID-month in impending state-based conflict.

**Type of Violence:** State-based conflict, as defined and compiled by the Uppsala Conflict Data Program (Sundberg & Melander, 2013), please see <https://www.pcr.uu.se/research/ucdp/definitions/>.

**Level of Analysis:** PRIO-GRID-month. Uses calendar months as the temporal units of analysis, and spatial units derived from PRIO-GRID 2.0 (Tollefsen, Strand & Buhaug, 2012). The latter is a standardized spatial grid structure consisting of quadratic grid cells that jointly cover all areas of the world at a resolution of 0.5 x 0.5 decimal degrees, approximately 55x55 km around the equator.

**Description:** Predicted number of fatalities in impending conflict at PRIO-GRID-month level of analysis, expressed in natural logged form plus

$1 [\ln(Y+1)]$ . The predictions are produced by an unweighted ensemble trained for this type of violence and level of analysis. For more information about the ensemble and the current composition of its constituent models (sub-models), please see

<https://github.com/prio-data/viewforecasting/blob/main/CHANGELOG.md> and

<https://www.divaportal.org/smash/get/diva2:1667048/FULLTEXT01.pdf>.

**2.82.2.2 PRIO-GRID-month state-based dichotomous probability predictions (sc\_pgm\_sb\_dich\_main)**

*Long tag:* views\_pgm\_12\_22\_sc\_pgm\_sb\_dich\_main

*Original tag:* sc\_pgm\_sb\_dich\_main

*Dataset citation:* Hegre et al. (2022)

*Description:*

**Originating from:** Main ensemble model for number of fatalities in state-based conflict at the PRIO-GRID-month level of analysis.

**Development ID:** fatalities001, please see <https://github.com/prio-data/viewforecasting/blob/main/CHANGELOG.md>.

**Outcome:** Dichotomous predictions for the probability of at least 1 BRD per PRIO-GRID-month in impending state-based conflict.

**Type of Violence:** State-based conflict, as defined and compiled by the Uppsala Conflict Data Program (Sundberg & Melander, 2013), please see <https://www.pcr.uu.se/research/ucdp/definitions/>.

**Level of Analysis:** PRIO-GRID-month. Uses calendar months as the temporal units of analysis, and spatial units derived from PRIO-GRID 2.0 (Tollefsen, Strand & Buhaug, 2012). The latter is a standardized spatial grid structure consisting of quadratic grid cells that jointly cover all areas of the world at a resolution of 0.5 x 0.5 decimal degrees, approximately 55x55 km around the equator.

**Description:** Predicted probability of at least 1 battle-related death (BRD) per PRIO-GRID-month, derived from the PRIO-GRID-level ensemble predictions. For more information about the ensemble underlying these predictions (sc\_pgm\_sb\_main) and the current composition of its constituent models (sub-models), please see <https://github.com/priodata/viewsforecasting/blob/main/CHANGELOG.md> and <https://www.divaportal.org/smash/get/diva2:1667048/FULLTEXT01.pdf>

## 2.83 VIEWS PRIO-GRID-Month Conflict Predictions (Last Input Data: December 2023)

**Dataset tag:** views\_pgm\_12\_23

**Output Unit:** VIEWS PRIO-GRID Cell-Month, i.e., data is predicted per PRIO-GRID cell and month. This means that each row in the dataset can be identified through a combination of the variables pg\_id and month\_id.

### **Description:**

A dataset containing the Violence and Impacts Early-Warning System predictions for state-based conflict in Africa and the Middle East over a rolling three-year forecasting window. The month and year listed in the dataset name refer to the last month of input data informing the predictions. The forecasts are provided as point predictions for the number of people that will be killed per PRIO-GRID cell and month (expressed in both logged and non-logged form), as well as in the form of dichotomous predictions for the probability that at least one battle-related death will be reached or exceeded in any PRIO-GRID-month. Each grid cell in the dataset measures 0.5x0.5 decimal degrees, or approximately 55x55 km at the Equator.

### **Dataset citation:**

Hegre, H. et al. (2022) 'Forecasting fatalities', Uppsala University, Technical report. URN: urn:nbn:se:uu:diva-476476.

Hegre, H. et al. (2021) 'ViEWS2020: Revising and evaluating the ViEWS political Violence Early-Warning System', *Journal of Peace Research*, 58(3), pp. 599–611. doi:10.1177/0022343320962157.

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More detailed information on the dataset can be found at the following web page: <https://viewsforecasting.org/resources/#downloads> and <https://viewsforecasting.org/methodology/definitions/>

### 2.83.1 Identifier Variables

Variables or combination of variables in this section identify rows in the dataset.

#### 2.83.1.1 PRIO-GRID ID (pg\_id)

*Long tag:* views\_pgm\_12\_23\_pg\_id

*Original tag:* pg\_id

*Dataset citation:* Hegre et al. (2022)

*Description:*

A PrioGRID grid identifier.

### **2.83.1.2 Month ID (month\_id)**

*Long tag:* views\_pgm\_12\_23\_month\_id

*Original tag:* month\_id

*Dataset citation:* Hegre et al. (2022)

*Description:*

A VIEWS month\_id, where month\_id is a sequence with 1 being January 1980.

## **2.83.2 Predictions**

Variables in this section present the VIEWS predictions for state-based conflict over a rolling three-year forecasting window. The month and year listed in the dataset name(s) and dataset tag(s) refer to the last month of input data informing the predictions at hand.

### **2.83.2.1 Predicted log number of fatalities (main\_mean\_ln)**

*Long tag:* views\_pgm\_12\_23\_main\_mean\_ln

*Original tag:* main\_mean\_ln

*Dataset citation:* Hegre et al. (2022)

*Description:*

Point prediction of the log number of fatalities in impending conflict, presented per type of violence and level of analysis. Expressed in natural logged form plus 1 [ $\ln(Y+1)$ ].

### **2.83.2.2 Predicted number of fatalities (main\_mean)**

*Long tag:* views\_pgm\_12\_23\_main\_mean

*Original tag:* main\_mean

*Dataset citation:* Hegre et al. (2022)

*Description:*

Point prediction of the number of fatalities in impending conflict, presented per type of violence and level of analysis.

### **2.83.2.3 Predicted probability of conflict (main\_dich)**

*Long tag:* views\_pgm\_12\_23\_main\_dich

*Original tag:* main\_dich

*Dataset citation:* Hegre et al. (2022)

*Description:*

Predicted probability of at least one battle-related death (BRD) per PRIO-GRID-month. Estimated from the ensemble model results of the VIEWS model for the applicable type of violence and level of analysis.

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