

Views Outcomes (Monthly Aggregates) Dataset Codebook

Edition 1 - July 2018

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Please do not cite this document. Instead, cite the recommended citation as listed on the ViEWS and UCDP webpages.

This document does not contain either definitions or operationalizations for the concepts used here. Please refer to the ViEWS webpage, UCDP webpage and respective article sets for those.

1 Files

Two files are available:

- `ucdp_month_country.csv.gz` containing ViEWS Outcomes Monthly Data at a country-month level of aggregation.
- `ucdp_month_priogrid.csv.gz` containing ViEWS Outcomes Monthly Data at a PRIO-Grid-month level of aggregation, where the inclusion criteria were only those UCDP events that could be resolved to a PRIO-Grid resolution (UCDP geographic precision scores 1,2,3,5).
- `imputed_priogrid.csv.gz` containing 5 (multiple) imputations of ViEWS Outcomes Monthly Data at a PRIO-Grid-month level of aggregation. Multiple imputation is done for those events where the PRIO-Grid-month level of aggregation is not sufficient to resolve to a PRIO-Grid resolution. The procedure is described in detail in the article to which this codebook is an accompaniment.

Both files are gzipped csv files. To extract them, you can use either the `gunzip` command line utility, a library/command in a programming environment (e.g. `gzfile` in R or `pandas.read_csv` with the default arguments in Python or a graphical utility (such as the default archivers in MacOS or Gnome, or 7zip in Windows).

As ViEWS is limited to Africa, only countries and PRIO-Grid cells located in Africa will be present in these files. The current temporal window employed in this dataset is January 1989 to April 2018.

Data between January 1989 and December 2018 is based on UCDP GED 17.2.

Data between January 2017 and April 2018 is based on UCDP Monthly Candidate Events.

2 PRIO-Grid-Month file

The dataset has the following structure:

- `id` – unique identifier for each observation. Same identifier for cell-months is used in the imputed datasets.
- `pg_id` – PRIO-Grid cell identifier.
- `month_id` – Month identifier in the ViEWS format (serial integer, 1-indexed where 1 is January 1980)
- `year` – calendar year
- `month` – calendar month (1–12)
- `gwcode` – Gleditsch and Ward country code for the country to which the dataset observation belongs.
- `ged_dummy_sb` – Boolean (1/0) for presence of state-based conflict in cell-month
- `ged_count_sb` – Number of state-based conflict events in cell-month
- `ged_best_sb` – Estimated fatality numbers (best UCDP estimate) in state-based conflict events in cell-month
- `ged_dummy_ns` – Boolean (1/0) for presence of non-state conflict in cell-month
- `ged_count_ns` – Number of non-state conflict events in cell-month
- `ged_best_ns` – Estimated fatality numbers (best UCDP estimate) in non-state conflict events in cell-month
- `ged_dummy_os` – Boolean (1/0) for presence of one-sided violence in cell-month
- `ged_count_os` – Number of one-sided violence events in cell-month
- `ged_best_os` – Estimated fatality numbers (best UCDP estimate) in one-sided violence events in cell-month

3 Imputed PRIO-Grid-Month file

The dataset has the following structure:

- `id` – unique identifier for each observation. Same identifier for cell-months is used in the imputed datasets.
- `priogrid_gid` – PRIO-Grid cell identifier.
- `month_id` – Month identifier in the ViEWS format (serial integer, 1-indexed where 1 is January 1980)
- `sb_dummy_m` – Boolean (1/0) for presence of state-based conflict in cell-month, imputation m where $m \in 1..5$ (5 columns)

- `ns_dummy_m` – Boolean (1/0) for presence of non-state conflict in cell-month, imputation m where $m \in 1..5$ (5 columns)
- `os_dummy_m` – Boolean (1/0) for presence of one-sided violence in cell-month, imputation m where $m \in 1..5$ (5 columns)

4 Country-Month file

The dataset has the following structure:

- `id` – unique identifier for each observation.
- `gwcode` – Gleditsch and Ward country code for the country to which the dataset observation belongs.
- `month_id` – Month identifier in the ViEWS format (serial integer, 1-indexed where 1 is January 1980)
- `year` – calendar year
- `month` – calendar month (1–12)
- `ged_dummy_sb` – Boolean (1/0) for presence of state-based conflict in country-month
- `ged_count_sb` – Number of state-based conflict events in country-month
- `ged_best_sb` – Estimated fatality numbers (best UCDP estimate) in state-based conflict events in country-month
- `ged_dummy_ns` – Boolean (1/0) for presence of non-state conflict in country-month
- `ged_count_ns` – Number of non-state conflict events in country-month
- `ged_best_ns` – Estimated fatality numbers (best UCDP estimate) in non-state conflict events in country-month
- `ged_dummy_os` – Boolean (1/0) for presence of one-sided violence in country-month
- `ged_count_os` – Number of one-sided violence events in country-month
- `ged_best_os` – Estimated fatality numbers (best UCDP estimate) in one-sided violence events in country-month
- `ged_count_sb_lag1` – Number of state-based conflict events in neighbouring countries in the given months (using queen contiguity)
- `ged_count_ns_lag1` – Number of non-state conflict events in neighbouring countries in the given months (using queen contiguity)
- `ged_count_os_lag1` – Number of one-sided conflict events in neighbouring countries in the given months (using queen contiguity)
- `ged_best_sb_lag1` – Estimated fatality numbers (best UCDP estimate) events in neighbouring countries in the given months (using queen contiguity) for state-based conflict

- `ged_best_ns_lag1` – Estimated fatality numbers (best UCDP estimate) events in neighbouring countries in the given months (using queen contiguity) for non-state conflict
- `ged_best_os_lag1` – Estimated fatality numbers (best UCDP estimate) events in neighbouring countries in the given months (using queen contiguity) for one-sided violence