

# Constellations of state fragility

## Codebook

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This codebook provides information on the data employed and generated by the *Constellations of fragility* project. You find details on how indicators were transformed or generated in the paper ‘Constellations of state fragility: an empirical typology’ and its online appendix.

### Variable description

#### Identification variables

**country**

Country name

**year**

Calendar year

**gwcode**

Gleditsch and Ward country codes (as obtained from Weidmann, Kuse, and Gleditsch 2010)

**uncode**

United Nations three-letter country codes.

#### State fragility constellations (SFC) core variables

**authority**

Minimum of *a\_battledeaths*, *a\_homicides*, *a\_monopoly* scores for a given country year

**authority\_imputed**

if coded 1, authority score for a given country year is based on imputed data, see below

**capacity**

Minimum of *c\_basicadmin*, *c\_u5deaths*, *c\_enrolment*, *c\_water* scores for a given country year

**capacity\_imputed**

if coded 1, capacity score for a given country year is based on imputed data, see below

**legitimacy**

Minimum of *l\_asylumseekers*, *l\_freepress*, *l\_humanrights* scores for a given country year

**legitimacy\_imputed**

if coded 1, legitimacy score for a given country year is based on imputed data, see below

**sfc**

State fragility constellation (SFC) indicator; levels:

- A) *dysfunctional* state
- B) *low-authority* state
- C) *low-capacity* state
- D) *low-legitimacy* state
- E) *semi-functional* state
- F) *well-functioning* state

**sfcX**

This is the State fragility constellation (SFC) indicator taking uncertainty into account. Observations classified with an uncertainty larger 0.1 are assigned to group X. Remaining groups read as as in *sfc*.

**sfc2nd**

Second most likely *sfc* classification for an observation (see *probA*, *probB* etc. below)

**sfcnum**

Numerical variant of the *sfc* indicator (1 = A, 2 = B, etc.)

**uncertainty**

Uncertainty of classification to the fragility constellation listed in *sfc*, i.e., one minus the probability of classification for the respective constellation (see *probA*, *probB* etc. below); ranges between 0 and 1.

**probA, probB, probC, probD, probE, probF**

Probability of classification for each constellation; indicators range between 0 and 1 and sum jointly to 1.

## **Constitutive indicators**

All of the following indicators are constitutive of the three dimensions *authority* (prefix *a\_*), *capacity* (*c\_*), and *legitimacy* (*l\_*). They were transformed to fit a scale that ranges from 0 (worst) to 1 (best). Some values were imputed. The indicators with the suffix *\*\_imputed\** indicate whether the respective indicator was imputed. The imputation and transformation processes are described in detail in the appendix to the main paper.

### **a\_battledeaths**

Battle deaths per 100,000 inh. (N. P. Gleditsch et al. 2002, Themnér and Wallensteen (2011))

### **a\_homicides**

Homicides per 100,000 inh. (United Nations Office on Drugs and Crime 2013)

### **a\_monopoly**

BTI monopoly of violence (Bertelsmann Transformation Index 2016)

### **c\_basicadmin**

BTI basic administration (Bertelsmann Transformation Index 2016)

### **c\_enrolment**

Child mortality per 1,000 births (UNESCO Institute for Statistics and UNICEF 2015)

### **c\_u5deaths**

Primary school enrolment rate (UN Inter-agency Group for Child Mortality Estimation 2014)

### **c\_water**

Access to improved water source rate (World Health Organization and UNICEF 2012)

### **l\_asylumseekers**

Asylums granted per 100,000 inh. (United Nations High Commissioner for Refugees 2015)

### **l\_freepress**

FH freedom of the press (Freedom House 2014)

### **l\_humanrights**

Human rights protection score (Fariss 2014)

## References

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