DATA REPLICATION & DOCUMENTATION FOR DATA SOURCES

Raw data of other data projects retrieved from (see folder 'RawData'):

- ACLED (<http://www.acleddata.com/>)
- UCDP-GED (<http://www.ucdp.uu.se/ged/index.php>)

Aggregated data (by year and month – variable 'yearmon') (see folder 'AggregatedData')

- SOM_EventsbyYearmon.csv; SIE_EventsbyYearmon.csv
- Yearmon variable constructed in SPSS; Event-count-dummy variable built in R
- Data joined in ArcGIS by Yearmon
- Smoothed and plotted in R (See R-script: 'Replication Script of Figures 2 & 3.R')

SQL-matched data (see folder 'SimilarityMatchingData')

FIGURE/TABLE REPLICATION

FIGURE 2 Monthly Event Counts Somalia.pdf (See R-script: 'Replication Script of Figures 2 & 3.R')

FIGURE 3 Monthly Event Counts SierraLeone.pdf (See R-script: 'Replication Script of Figures 2 & 3.R')

TABLE 1 Event Buffering+Geoprecision+Time Estimates Somalia and Sierra Leone.doc

- Filter manually raw data and calculate percentages (e.g. in MS-Excel)

FIGURE 4 Matching events EDACS, ACLED, UCDP-GED.pdf;

- Import raw data for EDACS, ACLED, UCDP-GED as separate tables into SQL-database, filter data accordingly
- Run SQL-script (see file: 'Replication SQL-Script_Similarity-Matching.txt')
- Aggregate result data by latitude and longitude coordinates and create maps in Geographic Information System (e.g. ArcGIS 10)

Manual description of map creation in ArcGIS 10.0:

- load similarity data and convert to shapefile
- aggregate data by coordinates
- plot graduated Symbols and illustrate the cumulated event matching at user's option
- add country shapefile of the Somalian border (retrieved from: http://www.diva-gis.org/gdata)