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Replication Files for: "A Signaling Theory of Distributive Policy Choice: Evidence from Senegal"

Overview

Replication files for Gottlieb et al. (2018) include four main datasets and four do-files. Do-file are run via Stata and call datasets included in the Dataset subfolder. To produce the relevant tables and figures, please turn on/off the associated locals at the top of each do-file.

Datasets

The analysis relies on four main datasets:

- **data_electoral_senegal.dta** is a dataset containing electoral, demographic, and public goods data at the polling station level in Senegal (4,635 observations). Electoral outcomes were collected from Senegal's Electoral Commission (CENA). The unit of observation is the polling station, uniquely identified by the variable *UniqueID*.

- **data_villages_senegal.dta** is a dataset containing public goods, demographic, and socioeconomic information at the village level in Senegal (10,763 observations). This dataset was assembled using the 2002 Senegalese census (2002 RGPH) and two rural infrastructure surveys conducted by Senegal's Statistics Agency (ANSD) in 2000 and 2009. The unit of observation is the village, uniquely identified by the variable *UniqueVillageID*.

- **data_transfers_senegal.dta** is a dataset of government transfers at the level of *communautes Rurales* (CR) in Senegal between 2007-2014. There are two types of transfers in this data: *Fonds de Dotation de la Decentralisation* (FDD) and *Fonds d'Equipement des Collectivites Locales* (FECL). The dataset is at the CR-year level.

- **data_adminunits_africa.dta** is a panel dataset containing the number of (primary and secondary) administrative units across 45 Sub-Saharan countries observed between 1990-2015. The dataset is at the country-year level.

Do-Files

The do-file "**Main.do**" calls the dataset "**data_electoral_senegal.dta**" and produces the following tables: Table 2, and Appendix Tables A2, A3, A4, A6, A8, A9, A11, and A12.

The do-file "**Villages.do**" calls the dataset "**data_villages_africa.dta**" and produces the following tables and figures: Table 1, Appendix Table A1, A5, A7, and A13 through A17.

The do-file "**CrossNational.do**" calls the dataset "**data_adminunits_africa.dta**" and produces the following tables and figures: Table 3, Appendix Table A18, and Figure 3.

The do-file "**Transfers.do**" uses "**data_transfers_senegal.dta**" and produces Figure 2, Figure A1, and Table A10.