Data and Code for "Distributive Implications of Governing Party Constituencies: Evidence from Bangladesh"

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Overview

The Stata do-files and data files in this replication package reproduce the analysis in the paper above.

Instructions to Replicators

1) Download the zipped replication folder and unzip it.
2) Set the unzipped folder as the working directory in Stata.
3) Run do-file "./code/master.do" in Stata to reproduce the tables and figures.

Computational Requirements

Software:

- Stata MP version 15 and the following Stata packages:
    - unique
    - estout
    - rdrobust
    - rddensity
    - reghdfe
    - scheme-burd

Hardware Requirements:

- 16 GB RAM
- 1 GB hard drive space

Runtime:

The master do-file "./code/run_replication.do" runs for about 4 - 6 hours on a laptop with a 12th Gen intel i7 CPU, 32 GB of RAM, >100 GB of free hard drive space, running Windows 11 operating system.

Do-Files:

The "./code/master.do" do-file calls the following do-files in the folder "code" to reproduce the tables and figures:

- "./code/election_outcomes.do"
    - This do-file plots the election outcomes during our sample period in Bangladesh.
- "./code/summ_stat.do"
    - This do-file provides summary statistics of the analysis sample.
- "./code/density_tests.do"
    - This do-file conducts RD density tests.
- "./code/RD_exp.do"
    - This do-file performs RD estimates and plots RD graphs where output variables are related to household expenditure.
- "./code/RD_poverty.do"
    - This do-file performs RD estimates and plots RD graphs where output variables are poverty rates.
- "./code/RD_public_goods.do"
    - This do-file performs RD estimates and plots RD graphs where output variables are publicly provided goods.
- "./code/qte.do"
    - This do-file estimates quantile treatment effects of having a government MP on household expenditure.
- "./code/land_ownership.do"
    - This do-file estimates heterogeneous treatment effects of having a government MP on household expenditure by landownership.
- "./code/mechanism.do"
    - This do-file conducts analysis related to the potential mechanisms.
- "./code/incumbency_adv.do"
    - This do-file analyzes the incumbency advantages using RDD

- "./code/close_nonclose.do"
    - This do-file carries out analysis for Section 6.3 Beyond Close Elections.

Data-Files:

The folder “data” includes the following data files for analysis:

- election_outcomes.dta
    - This data file includes information in vote shares and seat shares of major parties in the election during the sample period.
- vmargin.dta
    - This data file includes vote share margin in elections.
- incumbency_adv.dta
    - This data file is used for the analysis of incumbency advantage.
- poverty.dta
    - This data file includes poverty rates for the relevant RD analysis.
- reg_hh.dta
    - This data file includes household level data for analysis.
- reg_ind.dta
    - This data file includes individual level data for analysis.