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This folder contains the replication files for the paper "Partisanship and Local Fiscal Policy: Evidence from Brazilian cities" by Raphael Gouvêa (Institute for Applied Economic Research and University of Massachusetts Amherst) and Daniele Girardi (University of Massachusetts Amherst).

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General Information:

In this replication package, you will find all codes used to download (when possible) and process data as well the codes to produce all Tables and Figures of the paper. When we could not obtain a dataset using a script, we provide details on how to download it on the "how_to_download" file stored in the same folder as the raw files. We also provide the source codes of the exact versions of the Stata packages rdrobust and rddensity we use in the estimations.

The replication package is structured in the following way. R and Stata scripts are saved in the **./codes** folder and its subfolders. Raw data is stored on the ./**data/raw** folder. Tables and Figures are saved under the folder **./results**, which also contains a latex file to reproduce the Tables and Figures of the paper in a pdf file.

How to run the codes:

1. run_R_codes.R: R script that runs all R scripts in the correct order to download and process datasets

2. run_Stata_codes.do: Stata script that runs all do-files in the correct order to create the final datasets used for estimation and to produce all Tables and Figures of the paper.

Codes Description:

./codes/download/
download_bolsa_familia.R: R script to download bolsa familia raw data
download_data_IBGE.R: R script to download all raw data we use from IBGE
download_data_INEP.R: R script to download all raw data we use from INEP
download_data_TSE.R: R script to download all raw data we use from TSE

./codes/process/elections
clean_raw_elections.R**:** R script to clean electoral results and coalition data from the main TSE repository
create_campaign_finance.R**:** R script to prepare campaign finance data
create_self_reported_wealth.R**:** R script to prepare candidates self-reported wealth data
create_coalition_ideology_index.R**:** R script to create the coalition ideology index
create_party_weights_local_elec.R**:** R script that computes the party weights to create the coalition ideology index
create_elections_oldsys_data.R**:** R script to clean electoral results from the old TSE repository
create_margin_of_victories.R**:** R script to create the left margin of victories
create_margin_of_victories_1996.R**:** R script to create the left margin of victories of the 1996 election

./codes/process/fiscalpolicy
create_constitutional_grants.R**:** R script to prepare constitutional grants at the city level
create_correspondence_ibge_siafi.R**:** R script to create a correspondence table between IBGE and SIAFI city codes.
create_finbra_panel.R**:** R script that creates a panel dataset of the fiscal policy variables
create_fiscalpolicy_outcomes.R**:** R script that creates the fiscal policy outcomes variables

./codes/process/welfare_outcomes
create_educational_outcomes.R**:** R script that creates the welfare-related educational outcomes
create_health_outcomes.R**:** R script that creates the welfare-related health outcomes
create_law_outcomes.R**:** R script that creates the welfare-related law enforcement outcomes

./codes/process/city_chars
create_amendments_mun.R**:** R script to prepare data on amendments to the federal budget
create_bolsa_fam.R**:** R script to prepare data on bolsa familia at the city level
create_earnings_mun.R**:** R script to prepare average and median earnings at the city level
create_educ_levels_mun.R**:** R script to prepare illiteracy and higher education at the city level
create_gdp_deflator.R**:** R script to prepare GDP deflator
create_gdp_mun.R**:** R script to prepare nominal GDP at the city level
create_H_tiebout.R**:** R script to prepare Tiebout competition index at the city level
create_pea_mun.R**:** R script to prepare labor force participation at the city level
create_pop_mun.R**:** R script to prepare population at the city level
create_pop_mun_by_age.R**:** R script to prepare population by age group at the city level
create_race_mun.R**:** R script to prepare the percentage of white people in the population of the city
create_race_mun.R**:** R script to prepare urbanization rates at the city level

./codes/process/create_dta_files
create_candidate_chars_dta.R**:** R script that joins all data on candidates characteristics and saves them as dta
create_demographic.R**:** R script that joins all demographic data and saves them as dta
create_main_dataset.R**:** R script that joins all electoral, fiscal policy, welfare-related outcomes in an event study format and saves them as dta
create_main_dataset_1996.R**:** R script that joins all electoral, fiscal policy, welfare-related outcomes of the 1996 election in an event study format and saves them as dta

./codes/process
create_final_sample.do**:** Do-file that prepares the final dataset used to produce all results of the paper, except for the ones on Appendices D and G
create_extended_final_sample.do**:** Do-file that prepares the final dataset used to produce the results that extends the sample period to the 1996 and 2000 elections (Appendix G)
create_final_candidate_characteristics.do**:** Do-file that prepares the final dataset used to produce the results using candidates characteristics information (Appendix D)

./codes/analysis
summary_stats.do**:** Do-file that produces Table 1
covariate_balance.do**:** Do-file that produces Table 2
aggregate_results.do**:** Do-file that produces Table 3
bootstrap_subsample_differences.do**:** Do-file that produces Table 4
rd_graphs.do**:** Do-file that produces Figure 1
dynamic_graph.do**:** Do-file that produces Figure 2
placebo_cutoffs.do**:** Do-file that produces Figure 3 and Appendix Figure H.1
compute_average_ideological_distance.do**:** Do-file that produces Figure 4

rd_graphs_subsamples.do**:** Do-file that produces Figure 5
summary_stats_covariates.do**:** Do-file that produces Appendix Table B.1
covariate_balance_subsample.do**:** Do-file that produces Appendix Table C.1
manipulation_tests.do**:** Do-file that produces Appendix Figure C.1 and Appendix Figure C.4
incumbent_manipulation_test.do**:** Do-file that produces Appendix Figure C.2 and Appendix Figure C.5
incumbent_party_manipulation_test.do**:** Do-file that produces Appendix Figure C.3 and Appendix Figure C.6
candidate_characteristics_test.do**:** Do-file that produces Appendix Figure D.1
aggregate_results_rev_detailed.do**:** Do-file that produces Appendix Table E.1
dynamic_results_baseline.do**:** Do-file that produces Appendix Table F.1
dynamic_results_lameduck.do**:** Do-file that produces Appendix Table F.2
dynamic_results_oil.do**:** Do-file that produces Appendix Table F.3
extended_sample_exercise.do**:** Do-file that produces Appendix Figure G.1
robustness_differenced_outcomes.do**:** Do-file that produces Appendix Table H.1
aggregate_results_3y_avg.do**:** Do-file that produces Appendix Table H.2
aggregate_results_by_city_size.do**:** Do-file that produces Appendix Table H.3
aggregate_results_kernel_alternative.do**:** Do-file that produces Appendix Table H.4
75pct_appendix.do**:** Do-file that produces Appendix Table H.5
summary_stats_outcomes.do**:** Do-file that produces Appendix Table I.1
aggregate_results_outcomes.do**:** Do-file that produces Appendix Table I.2
power_zucco_survey.do**:** Do-file that produces the share of national legislators who previously a mayor/vice mayor (this statistic is referred to in Section 2.2 of the paper).