"Reputation Shocks and Strategic Political Responses"
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The replication package contains four datasets, which are described below.

"data_brasil_camp.dta"

This database contains electoral information for Brazilian municipalities that were audited during the mayoral terms 2001 and 2005. The electoral information (e.g., candidates characteristics, campaign spending and campaign funds) comes from the Tribunal Superior Eleitoral (TSE, https://www.tse.jus.br/eleicoes/eleicoes-anteriores). Information regarding the municipal audits comes from the Controladoria Geral da Uniao do Brazil (CGU, https://www.gov.br/cgu/pt-br), and for this paper I use the database processed by Fernanda Brollo and used in Brollo (2011) and Brollo et al (2013) (https://sites.google.com/site/fernandabrollo/home/data [accessed on February 2016]). Municipal variables (e.g., illiteracy rate, gini, public employment, and information on Bolsa Familia) come from the Instituto Brasileiro de Geografía e Estadísticas (IBGE, https://www.ibge.gov.br/pt/inicio.html), particularly, the 2000 Brazilian Census, and a municipal-level survey Perfil dos Municipios Brasileiros 2005. Section 2 and section 6 in the manuscript, and section A in the Online Appendix provide additional information regarding the data and variables.

Below there is a description for every variable and details for categorical variables in the database. Unit of observation: Candidate/municipal level.

variable	**description**	**categorical**
id_city	City code	
codigo_uf	State code	
term	Mayoral Term	
year	year	
nome_cand	Name of the candidate	
education	Education	1 Analfabeto, 2 LÊ E ESCREVE, 3 FUNDAMENTAL INCOMPLETO, 4 FUNDAMENTAL COMPLETO, 5 MÉDIO INCOMPLETO, 6 MÉDIO COMPLETO, 7 SUPERIOR INCOMPLETO, 8 SUPERIOR COMPLETO
age	Age	
rerun	Whether current mayor rerun for re-election in the same municipality.	0 did not run, 1 rerun
share_vote_margin	Previous win margin	
prev_mayor	Previous mayor	1 previous mayor, 0 otherwise.
male	Male	1 Male, 0 otherwise.
married	Married	1 Married, 0 otherwise.

lottery	Lottery number	
broad	Corruption	0 Honest/competent, 1 Corrupt/Inept
fraction_broad	Share corruption	
date_lot	Date of the lottery	
before_1	1 year before elections	1 if lottery occurred 1 year before the election, 0 otherwise.
before	Before	1 if lottery occurred before the election, 0 otherwise.
radio_am	AM Radio Station	0 No Radio am, 1 Exist Radio am
gini	Gini index	
illiteracy	Illiteracy rate	
valor	Average amount of Bolsa Família payments	
camp_prop_pc	Campaign funds coming from Own resources (per capita)	
camp_pessoas_pc	Campaign funds coming from People donations (per capita)	
camp_firm_pc	Campaign funds coming from Firms donations (per capita)	
camp_outrainc_pc	Campaign funds coming from Others (per capita)	
camp_exp_pc	Campaign Spending (per capita)	
camp_pessoal_pc	Campaign Spending on Staff (per capita)	
camp_gas_pc	Campaign Spending on Utilities (per capita)	
camp_propa_pc	Campaign Spending on Publicity (per capita)	
camp_bens_pc	Campaign Spending on Leased assets (per capita)	
camp_serv_pc	Campaign Spending on Services by Third parties (per capita)	
camp_nonspe_pc	Campaign Spending Not specified (per capita)	
camp_baixa_pc	Campaign Spending on Cash (per capita)	
camp_outraexp_pc	Campaign Spending on Others (per capita)	
bolsa_pc	Bolsa Familia per capita	
empl_trans_pc	Transitory Employment (per capita)	
empl_perm_pc	Permanent Employment (per capita)	
share_urb	Share urban population	
lpib_pc	GDP per capita (in ln)	
year_election	Year of municipal election	
dum_PT	Workers' Party dummy	1 if candidate is from PT, 0 otherwise
total_cand	Number of candidates running in the election	
mean_educ	Average educational level of elected mayor's opposition in the election	
sample_camp_exp	Sample with campaign spending	
before_broad	Before x corruption	
corrupt_before	Before x share corruption	
above_median_corrupt	Above median corruption	1 if municipality is above the median corruption (broad), 0 otherwise.

median_before	Before x Above median corruption	
quartile_broad2001	4 quantiles of fraction_broad	
quartile_broad2005	4 quantiles of fraction_broad	
quartile_broad	Corresponding quartile associated with fraction_broad	
quartile1	1st quartile of corruption	1 if 1st quartile of broad, 0 otherwise
quartile2	2nd quartile of corruption	1 if 2nd quartile of broad, 0 otherwise
quartile3	3rd quartile of corruption	1 if 3rd quartile of broad, 0 otherwise
quartile4	4th quartile of corruption	1 if 4th quartile of broad, 0 otherwise
quart2_before	Before x 2nd quartile of corruption	
quart3_before	Before x 3rd quartile of corruption	
quart4_before	Before x 4th quartile of corruption	
month0_3	Less than 3 months before the election	1 if shock occurred in Less than 3 months before the election, 0 otherwise
month3_12	Between 3 to 12 months before the election	1 if shock occurred Between 3 to 12 months before the election, 0 otherwise
month12_n	More than 12 months before the election	1 if shock occurred More than 12 months before the election, 0 otherwise.
median_month0_3	Before 3 months x Above median corruption	
median_month3_12	Between 3-12 months x Above median corruption	
median_year12_n	Over 12 months x Above median corruption	

“data_brasil_camp_chall.dta”

This data contains electoral information for the main challengers (defined ex-post) of the mayors from the municipalities that were audited during the terms 2001 and 2005. As before, the electoral data comes from the Tribunal Superior Eleitoral (TSE) and information about the audits from the Controladoria Geral da Uniao do Brazil (CGU) and processed by Fernanda Brollo, see details above.

Below there is a description for every variable and additional details for categorical variables in the database. Unit of observation: Candidate/municipal level.

variable	**description**	**categorical**
id_city	City code	
codigo_uf	State code	
term	Term	
nome_cand	Name of the candidate	
total_cand	Number of candidates running in the election	
share_vote_margin	Voting margin over total effective votes	
prev_mayor	Previous Mayor	1 if previous mayor, 0 otherwise.
mean_educ	Average educational level of elected mayor's opposition in the election	
mean_skilled	Average number of high-paid profession of mayor's opposition in the election	
mean_age	Average age of mayor's opposition in the elections	
male	Male	1 Male, 0 otherwise.
broad	=1 if at least one (broad) corruption episode is reported	0 Honest/competent, 1 Corrupt/Inept
fraction_broad	amount involved in (broad) corruption episodes over the total amount audited	
before	Audit report was released before elections	0 After, 1 Before
radio_am	AM Radio Station	0 No Radio am, 1 Exist Radio am
gini	Gini index	
illiteracy	Illiteracy rate	
share_urb	Share urban population	
lpib_pc	GDP per capita (in ln)	
camp_exp_pc	Campaign Spending (per capita)	
dum_PT	Workers' Party dummy	1 if candidate is from PT, 0 otherwise
married	Married	1 Married, 0 otherwise.

age	Age	
education	Education	1 Analfabeto, 2 LÊ E ESCREVE, 3 FUNDAMENTAL INCOMPLETO, 4 FUNDAMENTAL COMPLETO, 5 MÉDIO INCOMPLETO, 6 MÉDIO COMPLETO, 7 SUPERIOR INCOMPLETO, 8 SUPERIOR COMPLETO
sample_camp_exp_chal	Sample with campaign spending	
above_median_corrupt	Above median corruption	
median_before	Before x Above median corruption	
quartile_2001_broad	4 quantiles of fraction_broad	
quartile_2005_broad	4 quantiles of fraction_broad	
quartile_broad	Corresponding quartile associated with fraction_broad	
quartile1	quartile_broad== 1.0000	1 if 1st quartile of broad, 0 otherwise
quartile2	2nd quartile of corruption	1 if 2nd quartile of broad, 0 otherwise
quartile3	3rd quartile of corruption	1 if 3rd quartile of broad, 0 otherwise
quartile4	4th quartile of corruption	1 if 4th quartile of broad, 0 otherwise
quart2_before	Before x 2nd quartile of corruption	
quart3_before	Before x 3rd quartile of corruption	
quart4_before	Before x 4th quartile of corruption	
above_margin	Above the median	1 if share_vote_margin is above the median, 0 otherwise
before_gini	Before x Gini	
before_lpib_pc	Before x income	
before_illiteracy	Before x illiteracy	

“data_others.dta”

This database contains electoral and municipal information related to candidates from municipalities where the mayor did not run in the following election, but other candidates connected to the mayor did run (e.g., same political coalition, same political party). The terms analyzed are 2001 and 2005. Unit of observation: Candidate/municipal level.

variable	**description**	**categorical**
id_city	City code	
codigo_uf	State code	
term	Term	
party	Political Party	
Mayor_nome_cand	Name of the mayor	
mayor_education	Education of the mayor	1 Analfabeto, 2 LÊ E ESCREVE, 3 FUNDAMENTAL INCOMPLETO, 4 FUNDAMENTAL COMPLETO, 5 MÉDIO INCOMPLETO, 6 MÉDIO COMPLETO, 7 SUPERIOR INCOMPLETO, 8 SUPERIOR COMPLETO
mayor_age	Age of the mayor	
eligible	Whether candidate is eligible to rerun for mayoral elections in the same municipality	0 ineligible, 1 eligible
mayor_share_vote_margin	Previous win margin	
mayor_prev_mayor	Previous (non-consecutive) mayor	
mayor_male	Male	1 if male, 0 otherwise.
mayor_married	Married	1 if married, 0 otherwise.
lottery	Lottery number	
broad	Corruption	
fraction_broad	Share corruption	
before_1	1 year before elections	0 After, 1 Before 1 year of the corresponding election
before	Before	0 After, 1 Before
radio_am	AM Radio Station	0 No Radio am, 1 Exist Radio am
gini	Gini index	
illiteracy	Illiteracy rate	
valor	Average amount of Bolsa Família payments	

camp_exp_pc	Campaign Spending (per capita)	
bolsa_pc	Bolsa Familia per capita	
empl_trans_pc	Transitory Employment (per capita)	
empl_perm_pc	Permanent Employment (per capita)	
share_urb	Share urban population	
lpib_pc	GDP per capita (in ln)	
mayor_dum_PT	Mayor belongs to PT or not	1 if mayor belongs to PT, 0 otherwise
Nome_cand	Name of the new candidate	
education	Candidate's education	1 Analfabeto, 2 LÊ E ESCREVE, 3 FUNDAMENTAL INCOMPLETO, 4 FUNDAMENTAL COMPLETO, 5 MÉDIO INCOMPLETO, 6 MÉDIO COMPLETO, 7 SUPERIOR INCOMPLETO, 8 SUPERIOR COMPLETO
age	Age of the candidate	
prev_mayor	Previous mayor	1 if the candidate is a previous, 0 otherwise.
male	Male	1 if male, 0 otherwise.
married	Married	1 if married, 0 otherwise.
dum_PT	Workers' Party dummy	1 if candidate belongs to PT, 0 otherwise.
merge_copartisan		
before_broad	Before x corruption	
corrupt_before	Before x share corruption	
above_median_corrupt	Above median corruption	
median_before	Before x Above median corruption	
quartile2	2nd quartile of corruption	1 if 2nd quartile of broad, 0 otherwise
quartile3	3rd quartile of corruption	1 if 3rd quartile of broad, 0 otherwise
quartile4	4th quartile of corruption	1 if 4th quartile of broad, 0 otherwise
quart2_before	Before x 2nd quartile of corruption	
quart3_before	Before x 3rd quartile of corruption	
quart4_before	Before x 4th quartile of corruption	

“data_polls.dta”

This database contains municipal data and information about polls for non-audited municipalities with available information about polls in Brazil for the elections 2004 and 2008. Information from polls come from Poder Monitor (https://www.poder360.com.br/pesquisas-de-opiniao/ [accessed June 2022]). Below there is a description for every variable and additional details for categorical variables in the database. Unit of observation: Candidate/municipal level.

variable	**description**	**Categorical variables**
id_city	ID number of municipality	
codigo_uf	State code	
nome_cand	Candidate’s name	
date_poll_begin	Date of the poll	
poll_begin_margin	Expected Win Margin according to the Poll	
share_vote_margin	Vote Margin (%)	
poll_muni	Municipality with data about polls	1 if there is data about polls in the municipality, 0 otherwise
radio_am	AM Radio Station	1 if there is an am radio station in the municipality or not.
gini	Gini index	
illiteracy	Illiteracy rate (%)	
share_urb	Urban population (%)	
lpib_pc	GDP per capita (in ln)	
electorate_eff	Electorate (1,000 people)	
turnout	Turnout (%)	
share_male	Male population (%)	
share_married	Married population (%)	
av_age	Average Age population	
av_education	Average Education population	
number_candidates	Number of candidates	

References

Brollo, F. (2011). Why voters punish corrupt politicians? evidence from the Brazilian anti-corruption progrma. Technical report, IGIER working paper.

Brollo, F., Nannicini, T., Perotti, R., and Tabellini, G. (2013). The political resource curse. *The American Economic Review*, 103(5):1759{1796.