Codebook for "Competence versus Priorities: Negative Electoral Responses to Education Quality in Brazil"

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This document describes all variables in "panel_cleaned.csv", which is the main analysis dataset used in the paper. Where applicable, we list which specific question from the baseline or endline survey were used to create the variable.

As discussed in our pre-analysis plan, we replaced missing data in baseline covariates with imputed data based on the values of respondents in the same census tract as the respondent with the missing data. For imputing numeric variables, we used the mean value of the variable among respondents in the same census tract. For imputing categorical variables, we used the modal value of the variable among respondents in the same census tract. For baseline covariates without imputation, we append `noimpute` to the variable name.

All data cleaning steps can be found in the file `panel_data_cleaning_code.R`.

Variables

`qnum`

Questionaire Number

`muni`

Municipality

`codeibge`

IBGE Municipality code

`codesetor`

Census Tract Code

group

Treatment Group

group	n	percent
1. Controle	1032	33.33333
2. Gestão Financeira	1033	33.36563
3. Educação	1031	33.30103

incumbent_wins

Incumbent mayor won re-election in 2016.

- 1 = Incumbent won
- 0 = Incumbent did not win

acc_status

Status of municipality accounts

acc_status	n	percent
APROVADO COM RESSALVA	1560	50.3876
REJEIÇÃO	1536	49.6124

female

Respondent is female. Baseline Question 1.

- 1 = Respondent is female.
- 0 = Respondent is male.

age

Respondent age in years. Baseline Question 2.

politics_interest

Self reported level of interest in politics. Baseline Question 5.

politics_interest	n	percent
1	702	22.67442
2	1131	36.53101
3	856	27.64858
4	407	13.14599

turnout_2012

Self reported turnout in 2012 elections. Dummy variable. Baseline Question 6.

- 1 = Turned out in 2012
- 0 = Did not turnout in 2012

vote_2012

Self-reported vote for the incumbent in 2012 elections. Dummy variable. Baseline Question 7.

- 1 = Voted for mayoral incumbent in 2012.
- 0 = Did not vote for mayoral incumbent in 2012.

same_race_mayor

Respondent says that he or she and the mayor share the same race. Dummy variable. Baseline Question 8.

- 1 = Respondent and mayor are the same race.
- 0 = Respondent and mayor are not the same race

turnout_2014

Self reported turnout in 2014 elections. Baseline Question 9.

turnout_2014	n	percent
1	328	10.59432
2	2768	89.40568

vote_2014

Self reported vote choice in the 2014 presidential elections. Baseline Question 10.

vote_2014	n	percent
Aécio Neves	375	12.112403
Dilma Rousseff	2486	80.297158
Marina Silva	166	5.361757
Other	69	2.228682

partisan

Whether the respondent identifies with a party. Dummy variable. Baseline Question 11.

- 1 = Respondent identifies with a party.
- 0 = Respondent does not identify with a party.

pid

Party that the respondent identifies with. Baseline Question 12.

pid	n	percent	valid_percent
DEMOCRATAS (DEM) / PFL	31	1.0012920	2.7288732
O do candidate nº 11	2	0.0645995	0.1760563
O do candidate nº 17	9	0.2906977	0.7922535
O do candidate nº 33	3	0.0968992	0.2640845
O do candidate nº 50	2	0.0645995	0.1760563
O do candidato nº 12	6	0.1937984	0.5281690
O do candidato nº 14	7	0.2260982	0.6161972
O do candidato nº 15	8	0.2583979	0.7042254
O do candidato nº 25	7	0.2260982	0.6161972
O do candidato nº 40	25	0.8074935	2.2007042
O do nª 22	4	0.1291990	0.3521127

Partido Amarelo	33	1.0658915	2.9049296
Partido azul	25	0.8074935	2.2007042
Partido do Prefeito(a)	53	1.7118863	4.6654930
Partido Laranja	11	0.3552972	0.9683099
Partido verde	4	0.1291990	0.3521127
Partido vermelho	23	0.7428941	2.0246479
PC do B	2	0.0645995	0.1760563
PDS	1	0.0322997	0.0880282
PDT	26	0.8397933	2.2887324
PFL	1	0.0322997	0.0880282
PHS	1	0.0322997	0.0880282
PL	1	0.0322997	0.0880282
PMDB	76	2.4547804	6.6901408
PP	2	0.0645995	0.1760563
PR	50	1.6149871	4.4014085
PRL	1	0.0322997	0.0880282
PROS	1	0.0322997	0.0880282
PSB	272	8.7855297	23.9436620
PSC	2	0.0645995	0.1760563
PSD	28	0.9043928	2.4647887
PSDB	94	3.0361757	8.2746479
PSL	15	0.4844961	1.3204225
PSOL	4	0.1291990	0.3521127

PT	268	8.6563307	23.5915493
PTB	33	1.0658915	2.9049296
PTC	1	0.0322997	0.0880282
PV	4	0.1291990	0.3521127
NA	1960	63.3074935	NA

muni_biggest_prob

Most serious problem in the municipality. Open ended. Baseline Question 13.

muni_biggest_prob	n	percent
Desemprego/combate ao desemprego	469	15.148579
Falta de água	458	14.793282
Other	454	14.664083
Saneamento básico (água e esgoto)	190	6.136951
Saúde/hospitais/postos de saúde	1031	33.301034
Segurança/violência/criminalidade	494	15.956072

politician_helped

Has received help from a politician. Dummy variable. Baseline Question 14.

- 1 = Respondent received help from a politician.
- 0 = Respondent did not receive help from a politician

edu_rank1

Respondent ranks education over government acounts in importance. Dummy variable. Baseline Question 16.

acc_rank1

Respondent ranks government accounts over education acounts in importance. Dummy variable. Baseline Question 16.

mayor_pid

Degree of identification with party of the mayor. Baseline Question 17.

mayor_pid	n	percent
1	1127	36.401809
2	235	7.590439
3	275	8.882429
4	354	11.434109
5	271	8.753230
6	178	5.749354
7	656	21.188630

govt_eval_baseline

Evaluation of municipal government at baseline. Baseline Question 18.

govt_eval_baseline	label	n	percent
1	Ótima	453	14.631783
2	Boa	798	25.775194
3	Regular	805	26.001292
4	Ruim	288	9.302326
5	Péssima	752	24.289406

acc_eval_baseline

Evaluation of mayor's handling of government accounts.

acc_eval_baseline	n	percent
1	613	19.799742

2	298	9.625323
3	874	28.229974
4	907	29.295866
5	404	13.049096

uncertain_acc_baseline

Certainty over evaluation of the handling of government accounts. Increasing numbers indicate increasing certainty. 1 = not at all ("Nada"), 7 = totally ("totalmente").

uncertain_acc_baseline	n	percent
1	50	1.6149871
2	26	0.8397933
3	83	2.6808786
4	192	6.2015504
5	313	10.1098191
6	480	15.5038760
7	1952	63.0490956

edu_eval_baseline

Evaluation of mayor's handling of education

acc_eval_baseline	n	percent
1	613	19.799742
2	298	9.625323
3	874	28.229974
4	907	29.295866
5	404	13.049096

uncertain_edu_baseline

Certainty over evaluation of the handling of education. Increasing numbers indicate increasing certainty. 1 = not at all ("Nada"), 7 = totally ("totalmente").

uncertain_edu_baseline	n	percent
1	51	1.647287
2	49	1.582687
3	77	2.487080
4	201	6.492248
5	341	11.014212
6	426	13.759690
7	1951	63.016796

tce_knowledge

Respondent had heard about the "Tribunal de Contas do Estado de Pernambuco". Dummy variable. Baseline Question 23.

- 1 = Respondent had heard about the "Tribunal de Contas do Estado de Pernambuco".
- 0 = Respondent had not heard about the "Tribunal de Contas do Estado de Pernambuco".

ana_knowledge

Respondent had heard about the "Avaliação Nacional da Alfabetização". Dummy variable. Baseline Question 25.

- 1 = Respondent had heard about the "Avaliação Nacional da Alfabetização".
- 0 = Respondent had not heard about the "Avaliação Nacional da Alfabetização".

child_school

Has a child in municipal schools. Dummy variable. Baseline Question 27.

- 1 = Has a child in municipal schools.
- 0 = Does not have a child in municipal schools.

confid_fedgov

Confidence in the federal government. Baseline Question 28. 1 = not at all ("Nada"), 7 = totally ("totalmente").

confid_fedgov	n	percent
1	966	31.20155
2	192	6.20155
3	273	8.81783
4	443	14.30879
5	575	18.57235
6	309	9.98062
7	338	10.91731

confid_justice

Confidence in the judiciary. Baseline Question 29. 1 = not at all ("Nada"), 7 = totally ("totalmente").

confid_justice	n	percent
1	658	21.253230
2	226	7.299742
3	328	10.594315
4	443	14.308786
5	610	19.702842
6	336	10.852713
7	495	15.988372

confid_tce

Confidence in the State Accounts Tribunal. Baseline Question 30. 1 = not at all ("Nada"), 7 = totally ("totalmente").

confid_tce	n	percent

1	465	15.019380
2	144	4.651163
3	325	10.497416
4	536	17.312662
5	597	19.282946
6	438	14.147287
7	591	19.089147

confid_muni

Confidence in the municipal government. Baseline Question 31. 1 = not at all ("Nada"), 7 = totally ("totalmente").

confid_muni	n	percent
1	758	24.483204
2	204	6.589147
3	229	7.396641
4	312	10.077519
5	421	13.598191
6	434	14.018088
7	738	23.837209

acc_responsible

Respondent's evaluation of the degree to which the mayor is responsible for the government's accounts. 1 = not at all ("Nada"), 7 = totally ("totalmente").

acc_responsible	n	percent
1	129	4.166667

	2	66	2.131783
	3	73	2.357881
	4	146	4.715762
	5	242	7.816537
	6	351	11.337209
	7	2089	67.474160

edu_responsible

Respondent's evaluation of the degree to which the mayor is responsible for the administration of schools. 1 = not at all ("Nada"), 7 = totally ("totalmente").

edu_responsible	n	percent
1	136	4.392765
2	77	2.487080
3	95	3.068475
4	153	4.941860
5	206	6.653747
6	319	10.303618
7	2110	68.152455

prob_vote_buying

Respondent's assessment of the likelihood that the mayor or someone from the mayor's party will try to vote the respondent's vote. Baseline Question 34.

prob_vote_buying	label	n	percent
1	Não acontecerá de jeito nenhum	1769	57.138243
2	Pouco provável que aconteça	331	10.691214

3	Mais ou menos provável	267	8.624031
4	Muito provável	729	23.546512

prob_vote_monitoring

Respondent's assessment of the likelihood that the vote isn't secret. Baseline Question 35.

prob_vote_monitoring	label	n	percent
1	Não acontecerá de jeito nenhum	1698	54.84496
2	Pouco provável que aconteça	453	14.63178
3	Mais ou menos provável	441	14.24419
4	Muito provável	504	16.27907

prob_vote_count

Respondent's assessment of the probability that the vote count is correct. Baseline Question 36.

prob_vote_count	label	n	percent
1	Não acontecerá de jeito nenhum	1894	61.175711
2	Pouco provável que aconteça	451	14.567184
3	Mais ou menos provável	291	9.399225
4	Muito provável	460	14.857881

acc_rejected_prior

Respondent's prior belief about whether the municipality's accounts had been rejected. Dummy variable. Baseline Question 39.

- 1 = Respondent believes accounts had been rejected.
- 0 = Respondent believes accounts had not been rejected.

tce_prior_cert

Respondent's level of certainty about `acc_rejected_prior`. Baseline Question 40.

tce_prior_cert	n	percent
1	33	1.065891
2	656	21.188630
3	2018	65.180879
4	389	12.564599

ana_prior

Respondent's prior belief about the municipality's ranking on the ANA, where 1 represents the best performance in the state, and 185 represents the worst.. Baseline Question 41.

edu_prior_uncert

Respondent's level of uncertainty about `ana_prior` . Baseline Question 42.

edu_prior_uncert	n	percent
1	26	0.8397933
2	944	30.4909561
3	1958	63.2428941
4	168	5.4263566

years_edu

Years of education. Baseline Question 44.

race

Self-reported race. Baseline Question 45.

race	n	percent
Branca	890	28.746770
Other	99	3.197674
Parda	1822	58.850129

Preta	285	9.205426

religion

Respondent's religion. Baseline Question 46.

religion	n	percent
Católica	2267	73.223514
Evangélica Pentecostal	499	16.117571
Nenhuma (Acredita em uma entidade suprema, mas não pertence a religião nenhuma)	183	5.910853
Other	147	4.748062

income

Respondent's self-reported income. Baseline Question 47.

income	label	n	percent
1	Sem Renda	92	2.9715762
2	Até R$ 440,00	224	7.2351421
3	De R$ 440,01 até R$ 880,00	1241	40.0839793
4	De R$ 880,01 até R$ 1.320,00	732	23.6434109
5	De R$ 1.320,01 até R$ 1.760,00	406	13.1136951
6	De R$ 1.760,01 até R$ 2.640,00	206	6.6537468
7	De R$ 2.640,01 até R$ 4.400,00	124	4.0051680
8	De R$ 4.400,01 até R$ 6.160,00	43	1.3888889
9	De R$ 6.160,01 até R$ 7.920,00	15	0.4844961
10	De R$ 7.920,01 até R$ 10.560,00	5	0.1614987
11	Mais de R$ 10.560,00	8	0.2583979

relative_wellbeing

Respondent's self-reported relative well-being. Baseline Question 48.

relative_wellbeing	label	n	percent
1	Muito pior	10	0.3229974
2	Pior	267	8.6240310
3	Igual	2041	65.9237726
4	Melhor	742	23.9664083
5	Muito melhor	36	1.1627907

muni_biggest_prob_noimpute

Variable `muni_biggest_prob` without imputation.

Most serious problem in the municipality. Open ended. Baseline Question 13.

muni_biggest_prob_noimpute	n	percent	valid_percent
Atraso no pagamento do funcionalismo público	20	0.6459948	0.0067705
Atraso no pagamento dos aposentados	2	0.0645995	0.0006770
Calçamento/asfaltamento/buracos	74	2.3901809	0.0250508
Combate à corrupção/moralização da administração	13	0.4198966	0.0044008
Crise econômica	78	2.5193798	0.0264049
Desemprego/combate ao desemprego	454	14.6640827	0.1536899
Educação/escolas/creches	79	2.5516796	0.0267434
Epidemias como como zika, dengue e chikungunya	1	0.0322997	0.0003385
Falta de água	431	13.9211886	0.1459039
Falta de casa de apoio para drogados	1	0.0322997	0.0003385
Falta de concursos públicos	1	0.0322997	0.0003385

Falta de cursos profissionalizantes	2	0.0645995	0.0006770
Falta de habitação popular	7	0.2260982	0.0023697
Falta de infraestrutura	2	0.0645995	0.0006770
Falta de interesse dos políticos	4	0.1291990	0.0013541
Falta de investimento na agricultura	1	0.0322997	0.0003385
Falta de investimento na cidade	2	0.0645995	0.0006770
Falta de quadras esportivas	2	0.0645995	0.0006770
Falta de reformas de praças	2	0.0645995	0.0006770
Falta de um matadouro	1	0.0322997	0.0003385
Limpeza/coleta de lixo/sujeira na cidade	32	1.0335917	0.0108328
Má administração	72	2.3255814	0.0243737
Má qualidade das estradas	8	0.2583979	0.0027082
Má qualidade na iluminação pública	7	0.2260982	0.0023697
Má sinalização no trânsito	3	0.0968992	0.0010156
Pobreza/miséria	15	0.4844961	0.0050779
Poucas áreas de lazer	1	0.0322997	0.0003385
Saneamento básico (água e esgoto)	182	5.8785530	0.0616114
Saúde/hospitais/postos de saúde	977	31.5568475	0.3307380
Segurança/violência/criminalidade	461	14.8901809	0.1560596
Tráfico/consumo de drogas	8	0.2583979	0.0027082
Transporte coletivo	11	0.3552972	0.0037238
NA	142	4.5865633	NA

govt_eval_baseline_noimpute

Variable `govt_eval_baseline` without imputation.

Evaluation of municipal government at baseline. Baseline Question 18.

govt_eval_baseline_noimpute	label	n	percent	valid_percent
1	Ótima	450	14.534884	0.1469628
2	Boa	791	25.549096	0.2583279
3	Regular	798	25.775194	0.2606140
4	Ruim	286	9.237726	0.0934030
5	Péssima	737	23.804910	0.2406924
NA	NA	34	1.098191	NA

confid_fedgov_noimpute

Variable `confid_fedgov` without imputation.

Confidence in the federal government. Baseline Question 28. 1 = not at all ("Nada"), 7 = totally ("totalmente").

confid_fedgov_noimpute	n	percent	valid_percent
1	852	27.519380	0.2953206
2	186	6.007752	0.0644714
3	269	8.688631	0.0932409
4	422	13.630491	0.1462738
5	534	17.248062	0.1850953
6	301	9.722222	0.1043328
7	321	10.368217	0.1112652
NA	211	6.815245	NA

confid_justice_noimpute

Variable `confid_justice` without imputation.

Confidence in the judiciary. Baseline Question 28. 1 = not at all ("Nada"), 7 = totally ("totalmente").

confid_justice_noimpute	n	percent	valid_percent
1	604	19.509044	0.2043993
2	221	7.138243	0.0747885
3	318	10.271318	0.1076142
4	431	13.921189	0.1458545
5	582	18.798450	0.1969543
6	331	10.691214	0.1120135
7	468	15.116279	0.1583756
NA	141	4.554264	NA

confid_tce_noimpute

Variable `confid_tce` without imputation.

Confidence in the Tribunal de Contas de Pernambuco. Baseline Question 29. 1 = not at all ("Nada"), 7 = totally ("totalmente").

confid_tce_noimpute	n	percent	valid_percent
1	378	12.209302	0.1432904
2	134	4.328165	0.0507961
3	251	8.107235	0.0951478
4	449	14.502584	0.1702047
5	544	17.571059	0.2062168
6	388	12.532300	0.1470811
7	494	15.956072	0.1872631
NA	458	14.793282	NA

confid_muni_noimpute

Variable `confid_muni` without imputation.

Confidence in the municipal government. Baseline Question 28. 1 = not at all ("Nada"), 7 = totally ("totalmente").

confid_muni_noimpute	n	percent	valid_percent
1	723	23.352713	0.2414023
2	201	6.492248	0.0671119
3	225	7.267442	0.0751252
4	309	9.980620	0.1031720
5	395	12.758398	0.1318865
6	420	13.565891	0.1402337
7	722	23.320413	0.2410684
NA	101	3.262274	NA

ana

Dummy variable indicating respondent randomized to receive information about educational performance.

- 1 = Received information about educational performance of the municipality.
- 0 = Did not receive information about educational performance of the municipality.

accounts

Dummy variable indicating respondent randomized to receive information about accounts performance.

- 1 = Respondent received information about accounts performance.
- 0 = Respondent did not receive information about accounts performance.

acc_rejected

Dummy variable indicating respondent lives in municipality with rejected accounts.

- 1 = Respondent lives in a municipality with rejected accounts.
- 0 = Respondent does not live in a municipality with rejected accounts.

control

Dummy variable indicating respondent randomized to receive no information about government performance.

- 1 = Respondent received no information about government perfomance.
- 0 = Respondent received some information about government performance.

info_corrupt_welfare1

Respondent would prefer to receive information about incumbent performance on corruption. Dummy variable. Baseline Question 37.

- 1 = Respondent would prefer to receive information about incumbent performance on corruption.
- 0 = Respondent would prefer to receive information about another aspect of incumbent perfomance.

source_cred1_survey

Respondent finds a researcher to be the most credible source of information about the mayor. Dummy variable. Baseline Question 38.

- 1 = Respondent finds a researcher to be the most credible source of information about the mayor.
- 0 = Respondent finds another source of information to be the most credible source of information about the mayor.

free_fair

Additive combination of `prob_vote_monitoring` and `prob_vote_count`.

flier

Flier received in the endline, when asking about recall of treatment delivery.

flier	n	percent	valid_percent
Educação	1537	49.6447028	50.03255
Gestão Financ.	1535	49.5801034	49.96745
NA	24	0.7751938	NA

turnout

Turnout in the 2016 election. Dummy variable. Endline Question 3.

- 1 = Turned out in the 2016 election.

- 0 = Did not turn out in the 2016 election.

vote_choice

Vote choice for mayor in the 2016 election. Indicates option on ballot provided to respondent. Endline Question 4.

Number indicates ordering of candidate selected by respondent on the mock ballot.

campaign_issue

Most frequently discussed campaign issue. Endline Question 10.

campaign_issue	n	percent	valid_percent
Apoio à agricultura	1	0.0322997	0.0440917
Atraso no pagamento do funcionalismo público	47	1.5180879	2.0723104
Atraso no pagamento dos aposentados	22	0.7105943	0.9700176
Calçamento/asfaltamento/buracos	67	2.1640827	2.9541446
Compra de voto	1	0.0322997	0.0440917
Concursos públicos	2	0.0645995	0.0881834
Continuidade dos projetos	3	0.0968992	0.1322751
Corrupção/contas do município	38	1.2273902	1.6754850
Crise econômica	8	0.2583979	0.3527337
Desemprego/combate ao desemprego	223	7.2028424	9.8324515
Educação/escolas/creches	296	9.5607235	13.0511464
Falta de água	165	5.3294574	7.2751323
Habitação	6	0.1937984	0.2645503
Limpeza/coleta de lixo/sujeira na cidade	5	0.1614987	0.2204586
Má administração	76	2.4547804	3.3509700
Pobreza/miséria	11	0.3552972	0.4850088

Realização de obras	9	0.2906977	0.3968254
Saneamento básico (água e esgoto)	64	2.0671835	2.8218695
Saúde/hospitais/postos de saúde	1033	33.3656331	45.5467372
Segurança/violência/criminalidade	172	5.5555556	7.5837743
Sobre mudança	3	0.0968992	0.1322751
Transporte coletivo	16	0.5167959	0.7054674
NA	828	26.7441860	NA

pol_effort

Effort placed by incumbent mayor compared to previous mayors. Endline Question 19.

pol_effort	label	n	percent	valid_percent
1	Muito menos	460	14.8578811	19.1666667
2	Menos	670	21.6408269	27.9166667
3	Igual	8	0.2583979	0.3333333
4	Mais	861	27.8100775	35.8750000
5	Muito Mais	401	12.9521964	16.7083333
NA	NA	696	22.4806202	NA

vote_vig

Vote in vignette experiment. "Coded as a 1 if respondent answered "Grande chance" or "Alguma chance" to Endline Question 35 and 0 otherwise. Dummy variable. Endline Question 35

- 1 = Respondent answered "Grande chance" or "Alguma chance" to Endline Question 35
- 0 = Respondent gave "Pouca Chance" or "Nenhuma Chance" to Endline Question 35.

rejected_should_rerun

Whether candidates should be able to run for re-election if accounts are rejected. Endline Question 36.

rejected_should_rerun	n	percent	valid_percent
Não deveriam ter o direito de disputar a reeleição	2224	71.834625	91.072891
Sim deveriam ter o direito de disputar a reeleição	218	7.041344	8.927109
NA	654	21.124031	NA

vote_vig_cont

Vote in vignette experiment (continuous version). Endline Question 35.

vote_vig_cont	label	n	percent	valid_percent
1	Grande Chance	907	29.29587	36.45498
2	Alguma Chance	636	20.54264	25.56270
3	Pouca Chance	431	13.92119	17.32315
4	Nenhuma Chance	514	16.60207	20.65916
NA	NA	608	19.63824	NA

pol_honesty_noimpute

Degree of surprise if incumbent was accused of corruption by a trustworthy source. Endline Question 20.

pol_honesty_noimpute	n	percent	valid_percent
Mais ou menos surpreso(a)	421	13.598191	16.62061
Muito surpreso(a)	769	24.838501	30.35926
Não ficaria surpreso(a) de jeito nenhum	1013	32.719638	39.99210
NS/NR	89	2.874677	3.51362
Pouco surpreso(a)	241	7.784238	9.51441
NA	563	18.184755	NA

vig_treatment

Dummy variable indicating respondent randomized into treatment condition for the vignette experiment.

- 1 = Randomized into treatment condition for vignette experiment.
- 0 = Randomized into control condition for vignette experiment.

valid_vote

Respondent cast a valid vote in the 2016 election. Dummy variable. Endline question 2.

- 1 = Respondent cast a valid vote in the 2016 election.
- 0 = Respondent did not cast a valid vote in the 2016 election.

vote

Voted for incumbent mayor in the 2016 election. Dummy variable.

- 1 = Voted for incumbent mayor in the 2016 election.
- 0 = Did not vote for incumbent mayor in the 2016 election.

vote_vig_strict

Vote in vignette experiment. Coded as a 1 if respondent answered "Grande chance" to Endline Question 35 and 0 otherwise.

- 1 = Respondent answered "Grande chance" to endline question 35.
- 0 = Respondent answered "Alguma chance", "Pouca chance", or "Nenhuma chance" to endline question 35.

attrited

Respondent attrited between baseline and endline. Dummy variable.

- 1 = Respondent attritted
- 0 = Respondent did not attrit

ana_correc

Ranking of voters' municipality on the ANA exam. Conintuous variable.