SI Replication for "How Information about Foreign Aid Affect Public Spending Decisions: Evidence from a Field Experiment in Malawi"

Ryan Jablonski

16 July 2020

Contents

Replication Notes **1**

Additional Treatment Effect Estimates **1**
Table A1 multiple comparison . . . 1
Table A2 multiple comparison . . . 2
Table A3 global multiple comparison . . . 2
Table A4 compliance measures . . . 3
Table A5-A6 mixed logit . . . 3
Table A7 interaction on good type . . . 3
Figure A1 alternative measurement . . . 5

Supplementary Analysis **5**
Table B1 all information treatments . . . 5
Table B2 interaction of aid information and transparency . . . 6
Table B2-B4 interaction with transparency treatments . . . 7

Summary Statistics **9**
Table C1 Local Councillor Sample Statistics . . . 9
Table C2 MP Sample Statistics . . . 10
Table C3-C4 Summary Statistics . . . 10
Figure C1 Knowledge Statistics . . . 17
Figure C2 Knowledge Statistics . . . 18
Table C5-C7 Attrition Statistics . . . 18

Figure C3 Correlation Matrix **23**

Replication Notes

This file creates a replication file containing the supplementary tables and figures from Seim, Brigitte, Ryan Jablonski and Johan Ahlback. "How Information about Foreign Aid Affect Public Spending Decisions: Evidence from a Field Experiment in Malawi" in the *Journal of Development Economics*.

This code was originally run on RStudio Version 1.2.5033 with R 3.5.0. All data has been anonymized to protect respondents.

For questions about this replication contact Ryan Jablonski at r.s.jablonski@lse.ac.uk.

Additional Treatment Effect Estimates

Table A1 multiple comparison

% latex table generated in R 3.5.0 by xtable 1.8-4 package % Thu Jul 16 15:48:16 2020

Table 1: Multiple Comparison Adjustment

Hypothesis	unadjusted	BH	bonferroni	BH2	bonferroni2
HD1/3b. Politicians will be more likely to allocate to schools where donors have provided more categories of goods.	0.0192	0.0385	0.0385	0.0962	0.0962
HD1/3a. Politicians will be more likely to allocate to schools that have already benefitted from more past aid projects.	0.0548	0.0548	0.1096	0.1370	0.2739
HD.4 Crowding out will be more likely in areas where the politician did not receive a high proportion of votes.	0.2111			0.3518	1.0000
HD.5 Crowding out will be more likely in areas where schools are less needy.	0.4895			0.6119	1.0000
HD.2 Validation will be more likely when politicians interact frequently with donors.	0.8036			0.8036	1.0000

Table A2 multiple comparison

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Table 2: Multiple Comparison Adjustment, Unconditional Effects

Hypothesis	unadjusted	BH	bonferroni
HA.1. Politicians will allocate more aid to schools with high need than with low need.	0.0000	0.0001	0.0001
HA.4. Politicians will allocate more aid to schools where their family members attend.	0.0000	0.0001	0.0002
HA.2. Politicians will allocate more aid to schools located in areas with higher support for the politician in the last election.	0.0002	0.0003	0.0008
HA.5. Politicians will allocate more aid to schools located in densely populated areas.	0.4526	0.4526	1.0000

Table A3 global multiple comparison

Due to the large number of simulations, this code will take a very long time to run. The code is currently set to 100 simulations, though results will vary at this N. The published results are based on 1,000 simulations.

user system elapsed 828.28 0.72 834.86 % latex table generated in R 3.5.0 by xtable 1.8-4 package % Thu Jul 16 16:02:13 2020

Table 3: Global Multiple Comparison Adjustment

	Main_Sample	Uninformed_Sample
1	0.0500	0.0600
2	0.0200	0.0500
3	0.2300	0.2000
4	0.0800	0.1700
5	0.2800	0.1800
6	0.1000	0.1600

Table A4 compliance measures

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Table 4: Treatment Effects by Compliance

	1	2	3	4
	(1)	(2)	(3)	(4)
Aid Treatment* Aid Project Count* Misunderstood Maps (Q1.22)	−1.125			
	(0.723)			
Aid Treatment* Aid Project Count* Requested Other School (Q1.71)		0.224		
		(1.444)		
Aid Treatment* Aid Project Count* Disputed Map (Q1.72)			−0.213	
			(0.619)	
Aid Treatment* Aid Project Count* Requested Other Goods (Q1.73)				−2.067
				(1.426)
Aid Treatment* Aid Project Count	−0.251	−0.402*	−0.354	−0.314
	(0.260)	(0.244)	(0.266)	(0.245)
Aid Project Count* Misunderstood Maps (Q1.22)	0.218			
	(0.394)			
Aid Project Count* Requested Other School (Q1.71)		−0.443		
		(0.814)		
Aid Project Count* Disputed Map (Q1.72)			−0.082	
			(0.379)	
Aid Project Count* Requested Other Goods (Q1.73)				2.307***
				(0.900)
Aid Project Count	0.141	0.191	0.193	0.093
	(0.166)	(0.154)	(0.167)	(0.155)
Observations	3,728	3,728	3,728	3,728
R^2	0.019	0.019	0.019	0.021
Note:				*p<0.1; **p<0.05; ***p<0.01

Table A5-A6 mixed logit

Table A7 interaction on good type

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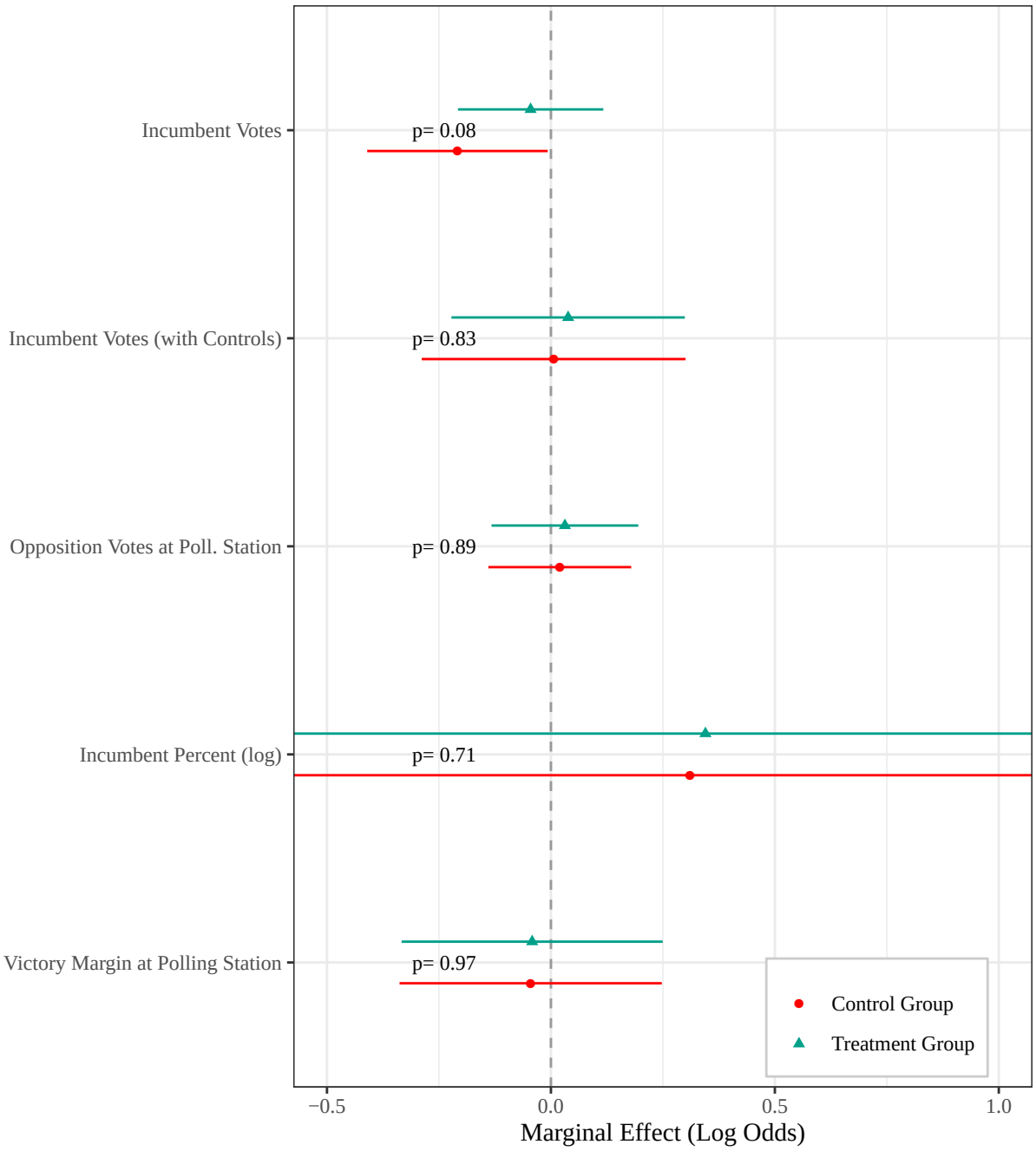
Table 5: Heterogenous Effects by Good Type

	School Bags	Dictionaries	Lamps	All
	(1)	(2)	(3)	(4)
Aid Treatment* Aid Project Count* School Bags	−0.055			−0.519
	(0.505)			(0.573)
Aid Treatment* Aid Project Count* Dictionaries		−0.746		−0.996*
		(0.507)		(0.573)
Aid Treatment* Aid Project Count* Solar Lamps			0.755	
			(0.490)	(0.000)
Aid Treatment* Aid Project Count	−0.404	−0.190	−0.695**	0.060
	(0.284)	(0.285)	(0.295)	(0.392)
Aid Project Count* School Bags	0.227			0.389
	(0.307)			(0.351)
Aid Project Count* Dictionaries		0.141		0.331
		(0.305)		(0.349)
Aid Project Count* Solar Lamps			−0.360	
			(0.302)	(0.000)
Aid Project Count	0.243	0.271	0.441***	0.081
	(0.174)	(0.175)	(0.178)	(0.244)
Observations	3,738	3,738	3,738	3,738
R^2	0.002	0.002	0.002	0.002

Note: *p<0.1; **p<0.05; ***p<0.01

Figure A1 alternative measurement



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Supplementary Analysis

Table B1 all information treatments

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Table 6: All Information Treatments

	All Treatments	All Treatments	Need Treatments	Voting Treatments
	(1)	(2)	(3)	(4)
Aid Project Count*Aid Treatment	−0.367			
	(0.237)			
Aid Project Count	0.293**			
	(0.145)			
Aid Good Types*Aid Treatment		−0.338*		
		(0.177)		
Aid Good Types		0.299***		
		(0.109)		
School Need Index*Need Treatment	0.065*	0.065*	0.065*	
	(0.037)	(0.037)	(0.037)	
Incumbent Percent*Need Treatment	−0.479	−0.466	−0.474	
	(0.417)	(0.417)	(0.416)	
School Need Index	0.030	0.030	0.042	0.064**
	(0.032)	(0.032)	(0.026)	(0.026)
Incumbent's Relatives Attend School*Need Treatment	0.004	0.005	−0.021	
	(0.315)	(0.315)	(0.314)	
Incumbent's Relatives Attend School	0.532**	0.524**	0.553**	
	(0.214)	(0.214)	(0.214)	
Incumbent Percent*Voting Treatment	0.149	0.143		0.170
	(0.414)	(0.414)		(0.412)
School Need Index*Voting Treatment	0.022	0.022		0.022
	(0.037)	(0.037)		(0.037)
Incumbent Percent	0.856**	0.847**	0.919***	0.678**
	(0.361)	(0.361)	(0.295)	(0.294)
Observations	3,738	3,738	3,738	3,738
R^2	0.014	0.015	0.012	0.008

Note: *p<0.1; **p<0.05; ***p<0.01
Standard errors are clustered on incumbent.

Table B2 interaction of aid information and transparency

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Table 7: Interaction of Aid Information Treatment with Transparency Treatments

	Donor Treatment	Radio Treatment	All Treatments
	(1)	(2)	(3)
Aid Project Count	0.309**	0.279*	0.067
	(0.167)	(0.170)	(0.086)
Aid Project Count*Aid Treatment	−0.495*	−0.391	−0.058
	(0.274)	(0.284)	(0.121)
Aid Project Count*Radio Transparency Treatment	0.032		0.017
	(0.324)		(0.124)
Aid Project Count*Aid Treatment*Radio Transparency Treatment	0.263		−0.002
	(0.531)		(0.202)
Aid Project Count*Donor Transparency Treatment		0.133	0.027
		(0.317)	(0.120)
Aid Project Count*Aid Treatment*Donor Transparency Treatment		−0.118	−0.046
		(0.506)	(0.197)
Observations	3,738	3,738	3,738
R^2	0.002	0.001	0.0005

Note: *p<0.1; **p<0.05; ***p<0.01

Table B2-B4 interaction with transparency treatments

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Table 8: Interaction of All Information Treatments with Transparency Treatments, Aid Project Count Coding

	Donor Treatment	Radio Treatment	All Treatments
	(1)	(2)	(3)
Aid Treatment*Donor Transparency Treatment*Aid Project Count		−0.142	−0.083
		(0.510)	(0.527)
Need Treatment*Donor Transparency Treatment*School Need Index		0.018	0.058
		(0.082)	(0.084)
Voting Treatment*Donor Transparency Treatment*Incumbent Percent		−0.830	−1.021
		(0.932)	(0.959)
Aid Treatment*Radio Transparency Treatment*Aid Project Count	0.340		0.321
	(0.540)		(0.558)
Need Treatment*Radio Transparency Treatment*School Need Index	0.162*		0.176**
	(0.081)		(0.084)
Voting Treatment*Radio Transparency Treatment*Incumbent Percent	−0.644		−0.871
	(0.924)		(0.951)
Aid Treatment*Aid Project Count	−0.474*	−0.347	−0.451
	(0.276)	(0.286)	(0.343)
Need Treatment*School Need Index	0.015	0.057	−0.005
	(0.044)	(0.043)	(0.053)
Voting Treatment*Incumbent Percent	0.329	0.352	0.659
	(0.487)	(0.485)	(0.586)
Donor Transparency Treatment*Aid Project Count		0.138	0.133
		(0.319)	(0.333)
Donor Transparency Treatment*School Need Index		−0.031	−0.054
		(0.059)	(0.061)
Donor Transparency Treatment*Incumbent Percent		0.563	0.715
		(0.682)	(0.699)
Radio Transparency Treatment*Aid Project Count	0.029		0.058
	(0.329)		(0.343)
Radio Transparency Treatment*School Need Index	−0.073		−0.086
	(0.057)		(0.060)
Radio Transparency Treatment*Incumbent Percent	0.536		0.689
	(0.673)		(0.690)
Aid Project Count	0.321**	0.279*	0.276
	(0.169)	(0.172)	(0.209)
School Need Index	0.065**	0.052	0.084**
	(0.031)	(0.031)	(0.038)
Incumbent Percent	0.556*	0.561*	0.330
	(0.344)	(0.342)	(0.406)
Observations	3,728	3,728	3,728
R^2	0.012	0.011	0.012

Note: *p<0.1; **p<0.05; ***p<0.01

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Table 9: Interaction of All Information Treatments with Transparency Treatments, Aid Good Types Coding

	Donor Treatment	Radio Treatment	All Treatments
	(1)	(2)	(3)
Aid Treatment*Donor Transparency Treatment*Aid Good Types		−0.033	0.015
		(0.382)	(0.394)
Need Treatment*Donor Transparency Treatment*School Need Index		0.018	0.059
		(0.082)	(0.085)
Voting Treatment*Donor Transparency Treatment*Incumbent Percent		−0.802	−1.005
		(0.932)	(0.959)
Aid Treatment*Radio Transparency Treatment*Aid Good Types	0.180		0.187
	(0.391)		(0.403)
Need Treatment*Radio Transparency Treatment*School Need Index	0.161*		0.174**
	(0.081)		(0.084)
Voting Treatment*Radio Transparency Treatment*Incumbent Percent	−0.657		−0.882
	(0.925)		(0.952)
Aid Treatment*Aid Good Types	−0.410**	−0.355*	−0.423
	(0.211)	(0.214)	(0.261)
Need Treatment*School Need Index	0.014	0.057	−0.006
	(0.044)	(0.043)	(0.053)
Voting Treatment*Incumbent Percent	0.324	0.341	0.652
	(0.487)	(0.485)	(0.586)
Donor Transparency Treatment*Aid Good Types		0.180	0.152
		(0.238)	(0.249)
Donor Transparency Treatment*School Need Index		−0.030	−0.053
		(0.059)	(0.062)
Donor Transparency Treatment*Incumbent Percent		0.560	0.720
		(0.683)	(0.700)
Radio Transparency Treatment*Aid Good Types	−0.062		−0.027
	(0.234)		(0.244)
Radio Transparency Treatment*School Need Index	−0.072		−0.085
	(0.057)		(0.059)
Radio Transparency Treatment*Incumbent Percent	0.538		0.691
	(0.673)		(0.691)
Aid Good Types	0.347***	0.264**	0.290**
	(0.132)	(0.130)	(0.164)
School Need Index	0.066**	0.053*	0.085**
	(0.032)	(0.031)	(0.038)
Incumbent Percent	0.552*	0.553*	0.322
	(0.344)	(0.342)	(0.407)
Observations	3,728	3,728	3,728
R^2	0.013	0.012	0.013

Note: *p<0.1; **p<0.05; ***p<0.01

Summary Statistics

Table C1 Local Councillor Sample Statistics

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Table 10: Local Councillor Sample Statistics

Variable	In_Sample	Out_of_Sample	Difference
Mean School Enrollment	884.033 (284.258)	2772.833 (870.432)	-1888.801 (528.663)
Mean Number of Teachers	12.452 (3.999)	25.85 (7.093)	-13.398 (4.701)
Mean Student to Teacher Ratio	73.76 (14.896)	112.462 (8.212)	-38.702 (9.82)
Number of Aid Projects	21.961 (19.854)	2 (3.464)	19.961 (11.636)
Number of Schools	14.118 (5.663)	2.533 (0.503)	11.585 (3.283)
Turnout	0.699 (0.064)	0.605 (0.116)	0.093 (0.077)
Incumbent Victory Margin	0.273 (0.175)	0.302 (0.288)	-0.029 (0.194)
Registered Voters	18502.791 (6733.928)	14528.2 (1017.721)	3974.591 (3931.986)
Incumbent Percent	0.501 (0.127)	0.494 (0.234)	0.006 (0.154)
DPP Incumbent	0.317 (0.422)	0.5 (0.5)	-0.183 (0.378)
UDF Incumbent	0.03 (0.134)	0 (0)	0.03 (0.077)
MCP Incumbent	0.238 (0.41)	0.333 (0.577)	-0.095 (0.409)
PP Incumbent	0.113 (0.274)	0 (0)	0.113 (0.158)
Independent Incumbent	0.067 (0.189)	0.167 (0.289)	-0.099 (0.199)
Average School Population Density	8.337 (6.145)	43.347 (39.852)	-35.009 (23.28)

Table C2 MP Sample Statistics

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Table 11: MP Sample Statistics

Variable	In_Sample	Out_of_Sample	Difference
Mean School Enrollment	928.56 (373.952)	997.233 (426.355)	-68.673 (72.024)
Mean Number of Teachers	12.65 (4.504)	14.03 (5.575)	-1.381 (0.91)
Mean Student to Teacher Ratio	76.966 (17.856)	71.282 (14.49)	5.684 (2.92)
Number of Aid Projects	23.857 (21.763)	17.355 (14.797)	6.502 (3.342)
Number of Schools	26.566 (10.21)	25.712 (11.29)	0.854 (1.933)
Turnout	0.691 (0.066)	0.71 (0.066)	-0.019 (0.012)
Incumbent Victory Margin	0.263 (0.167)	0.259 (0.181)	0.004 (0.031)
Registered Voters	18653.424 (6610.019)	17886.565 (6957.084)	766.859 (1218.76)
Incumbent Percent	0.494 (0.122)	0.489 (0.137)	0.005 (0.023)
DPP Incumbent	0.266 (0.396)	0.451 (0.445)	-0.185 (0.076)
UDF Incumbent	0.038 (0.146)	0.021 (0.096)	0.017 (0.022)
MCP Incumbent	0.272 (0.424)	0.17 (0.349)	0.102 (0.07)
PP Incumbent	0.096 (0.261)	0.101 (0.24)	-0.005 (0.045)
Independent Incumbent	0.049 (0.151)	0.117 (0.247)	-0.069 (0.037)
Average School Population Density	10.504 (16.205)	12.371 (15.199)	-1.867 (2.822)

Table C3-C4 Summary Statistics

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Table 12: Summary Statistics

Variable	Mean	SD	Details
Log Population	11.253	0.391	Log Constituency/Ward Population (WorldPop)
Log Area	10.702	0.719	Log Constituency/Ward Area in Square Km (WorldPop)
Log Enrollment	6.158	1.475	Log Number of Students in School +1 (Malawi Dept of E

Log Teachers	2.443	0.536	Log Number of Teachers in School +1 (Malawi Dept of E
ChildrenAttend=Yes	0.605	0.489	Whether incumbent's or family member's children attend
ChildrenAttend=No	0.386	0.487	Whether incumbent's or family member's children attend
ChildrenAttend=Don't Know	0.008	0.09	Whether incumbent's or family member's children attend
Incumbent's Children Attends School	0.004	0.06	Whether incumbent's children attends this school (survey
Incumbent's Relatives Attend School	0.026	0.16	Whether incumbent's family member's children attends t
Family Attends School	0.028	0.165	Whether incumbent's children or family member's childre
Incumbent Understood Maps	0.886	0.317	Whether incumbent correctly indicated a response in a te
Log Temporary Classrooms	0.389	0.638	Log Number of Temporary Classrooms in School +1 (Ma
Log Permanent Classrooms	1.849	0.684	Log Number of Permanent Classrooms in School +1 (Ma
Log Temporary Houses	0.41	0.646	Log Number of Temporary Teacher Houses in School +1
Log Permanent Houses	1.121	0.727	Log Number of Permanent Teacher Houses in School +1
Choice=Dictionary	0.335	0.472	Allocation decision on this map was about dictionaries (s
Choice=Teacher Bags	0.332	0.471	Allocation decision on this map was about teacher bags (
Choice=Solar Lamps	0.332	0.471	Allocation decision on this map was about solar lamps (s
Opposition Votes (LC)	301.567	273.787	Votes at Polling Station for Leading Opposition Candidat
Opposition Percent (LC)	0.242	0.16	Percent Votes at Polling Station for Leading Opposition C
Opposition Votes (MP)	324.02	307.036	Votes at Polling Station for Leading Opposition Candidat
Percent Votes (MP)	0.263	0.187	Percent Votes at Polling Station for Leading Opposition C
Victory Margin (MP)	0.151	0.343	Victory Margin at Polling Station for incumbent MP (Ma
Pop Density at School	9.519	25.719	Population per Hectacre (World Pop Project)
Pop Density at School	9.511	24.496	Population per Hectacre (World Pop Project)
Poverty at School	0.631	0.154	Proportion of Area in Poverty (World Pop Project)
Poverty at School	0.631	0.154	Proportion of Area in Poverty (World Pop Project)
Turnout	1258.848	751.421	Turnout at Polling Station
Log Votes	6.981	0.573	Log Votes at Polling Station
Gender	0.886	0.317	Gender of respondent, male=1 and female=0 (survey)
Education Plan=Yes	0.878	0.327	Incumbent's council has an education plan=Yes (survey)
Education Plan=No	0.114	0.317	Incumbent's council has an education plan=No (survey)
Education Plan=Don't Know	0.008	0.09	Incumbent's council has an education plan=Don't Know
IncumbentTribe=Chewa	0.4	0.49	Incumbent is from Chewa tribe (survey)
IncumbentTribe=Lomwe	0.146	0.353	Incumbent is from Lomwe tribe (survey)
IncumbentTribe=Ngoni	0.114	0.317	Incumbent is from Ngoni tribe (survey)
IncumbentTribe=Other	0.068	0.251	Incumbent is from Other tribe (survey)
IncumbentTribe=Sena	0.041	0.197	Incumbent is from Sena tribe (survey)
IncumbentTribe=Tumbuka	0.089	0.285	Incumbent is from Tumbuka tribe (survey)
IncumbentTribe=Yao	0.143	0.35	Incumbent is from Yao tribe (survey)
ConstituencyTribe=Chewa	0.4	0.49	Constituency is predominately from Chewa tribe (survey)
ConstituencyTribe=Lomwe	0.146	0.353	Constituency is predominately from Lomwe tribe (survey
ConstituencyTribe=Ngoni	0.114	0.317	Constituency is predominately from Ngoni tribe (survey)
ConstituencyTribe=Other	0.068	0.251	Constituency is predominately from Other tribe (survey)
ConstituencyTribe=Sena	0.041	0.197	Constituency is predominately from Sena tribe (survey)
ConstituencyTribe=Tumbuka	0.089	0.285	Constituency is predominately from Tumbuka tribe (surv
ConstituencyTribe=Yao	0.143	0.35	Constituency is predominately from Yao tribe (survey)
Contest=Yes	0.87	0.336	Plan to contest election=Yes (survey)
Contest=No	0.024	0.154	Plan to contest election=No (survey)
Contest=Don't Know	0	0	Plan to contest election=Don't Know (survey)
Contest=Undecided	0.105	0.307	Plan to contest election=Undecided (survey)
Victory Margin in Ward	0.252	0.187	Victory margin of ward incumbent (Malawi Electoral Co
Opposition Percent Votes in Ward	0.235	0.073	Percent votes for leading opposition candidate in ward (M
Turnout Percent in Ward	0.697	0.075	Turnout % in the ward (Malawi Electoral Commission)
Registered Voters in Ward	18935.659	7862.07	Registered voters in the ward (Malawi Electoral Commiss
Victory Margin in Constituency	-0.007	0.199	Victory margin of constituency incumbent (Malawi Elect
Opposition Votes in Constituency	0.165	0.177	Percent votes for leading oppositoin candidate in constitu

Votes in Constituency	25406.419	16061.353	Total votes in the constituency (Malawi Electoral Commi
HighestEd=Certificate	0.114	0.317	Incumbent's highest education level=Certificate (survey)
HighestEd=Degree	0.27	0.444	Incumbent's highest education level=Degree (survey)
HighestEd=Diploma	0.354	0.478	Incumbent's highest education level=Diploma (survey)
HighestEd=PhD	0.049	0.215	Incumbent's highest education level=PhD (survey)
HighestEd=Primary	0	0	Incumbent's highest education level=Primary (survey)
HighestEd=Secondary	0.089	0.285	Incumbent's highest education level=Secondary (survey)
Income1	0.041	0.197	Incumbent household income 100,000-200,000 kwacha/mo
Income2	0.105	0.307	Incumbent household income 200,000-400,000 kwacha/mo
Income3	0.284	0.451	Incumbent household income 400,000-1,000,000 kwacha/m
Income4	0.489	0.5	Incumbent household income 1,000,000-5,000,000 kwacha
Income5	0.065	0.246	Over 5,000,000 kwacha/month (survey)
Income6	0.008	0.09	Under 100,000 kwacha/month (survey)
IncomeDeclined	0.008	0.09	Incumbent declined to declare income (survey)
LengthResidence1	0.016	0.126	Incumbent resided in constituency less than 5 years (surv
LengthResidence2	0.032	0.177	Incumbent resided in constituency 5-10 years (survey)
LengthResidence3	0.178	0.383	Incumbent resided in constituency more than 10 years (su
LengthResidence4	0.757	0.429	Incumbent resided in constituency all their life (survey)
Length of Residence	2.703	0.611	0-3 index of how long incumbent resided in constituency
LengthResidenceDontKnow	0.016	0.126	Incumbent doesn't know how long s/he resided in constit
Age	48.197	8.259	Incumbent age (survey)
Married=OneWife	0.903	0.296	Incumbent is married with one wife (survey)
Married=Divorced	0	0	Incumbent is divorced (survey)
Married=Single	0	0	Incumbent is single (survey)
Married=Widowed	0.024	0.154	Incumbent is widowed (survey)
Married=DontKnow	0	0	Incumbent doesn't know marriage status (survey)
Married=Multiple	0.016	0.126	Incumbent is married with multiple wives (survey)
VoteAFORD	0.008	0.09	Incumbent would vote for AFORD party (survey)
VoteDPP	0.254	0.436	Incumbent would vote for DPP party (survey)
VoteIndependent	0.043	0.203	Incumbent would vote for Independent party (survey)
VoteMCP	0.3	0.458	Incumbent would vote for MCP party (survey)
VoteDeclined	0.184	0.387	Incumbent declined to declare party vote (survey)
VotePP	0.097	0.296	Incumbent would vote for PP party (survey)
VoteUDF	0.114	0.317	Incumbent would vote for UDF party (survey)
Log School Count	3.247	0.407	Log number of primary schools in ward/constituency (Mi
Pop Density	0.551	0.791	Average number of persons per grid cell in ward/constitu
Incumbent Percent	0.416	0.215	Percent votes at polling station for incumbent (Malawi E
Incumbent Votes	521.128	404.864	Votes at polling station for incumbent (Malawi Electoral
CouncilorPartyAFORD	0	0	Councilor ran under AFORD party (Malawi Electoral Co
CouncilorPartyOther	0.002	0.042	Councilor ran under CCP, NASAF or UIP party (Malawi
CouncilorPartyDPP	0.319	0.466	Councilor ran under DPP party (Malawi Electoral Comm
CouncilorPartyIndependent	0.047	0.211	Councilor ran as independent (Malawi Electoral Commiss
CouncilorPartyMCP	0.35	0.477	Councilor ran under MCP party (Malawi Electoral Comm
CouncilorPartyPP	0.128	0.334	Councilor ran under PP party (Malawi Electoral Commis
CouncilorPartyUDF	0.155	0.362	Councilor ran under UDF party (Malawi Electoral Comm
MPPartyAFORD	0.008	0.09	MP ran under AFORD party (Malawi Electoral Commiss
MPPartyOther	0.065	0.246	MP ran under CCP, NASAF or UIP party (Malawi Elect
MPPartyDPP	0.154	0.361	MP ran under DPP party (Malawi Electoral Commission
MPPartyIndependent	0.295	0.456	MP ran as independent (Malawi Electoral Commission)
MPPartyMCP	0.124	0.33	MP ran under MCP party (Malawi Electoral Commission
MPPartyPP	0.151	0.359	MP ran under PP party (Malawi Electoral Commission)
MPPartyUDF	0.162	0.369	MP ran under UDF party (Malawi Electoral Commission
MPPartyPPM	0.041	0.197	MP ran under PPM party (Malawi Electoral Commission
Aid Treatment	0.359	0.48	Equals one if a map was assigned the aid information tre

Need Treatment	0.489	0.5	Equals one if a map was assigned the school need informa
Voting Treatment	0.508	0.5	Equals one if a map was assigned the percent votes infor
Knowledge of Schools	0.456	0.259	Average score in school knowledge questions (survey)
Knowledge of Politics	0.243	0.302	Average score in political knowledge questions (survey)
Knowledge of Donors	0.127	0.227	Average score in donor knowledge questions (survey)
Aid Good Types	0.783	0.688	A count of the number of types of aid projects delivered l
Information Usefulness	1.745	0.568	A 0 to 2 scale indicating how useful the information was
Learning from Experiment	0.48	0.5	Whether the respondent indicated that they learned some
Frequency of Donor Interaction	1.376	1.175	A 0 to five scale indicating how frequently incumbents int
Student to Teacher Ratio	75.016	33.599	Number of students per teacher in a school (Ministry of E
Student to Classroom Ratio	126.507	155.569	Number of students per class in a school (Ministry of Edu
Temporary Classroom Ratio	0.493	1.043	Number of temporary to permanent classrooms in a scho
School Need Index (ward)	-0.085	1.781	Index of school need within the ward (Ministry of Educat
School Need Index (constituency)	-0.059	1.831	Index of school need within the constituency (Ministry of
School Need Index	-0.059	1.831	Index of school need within the constituency or ward (Mi
Aid Project Count	0.558	0.479	Number of aid projects at school (various donors)
Test Question Classes	0.489	0.5	Whether the respondent could correctly identify a school
Test Question Votes	0.373	0.484	Whether the respondent could correctly identify a school
Test Question Enrollment	0.624	0.485	Whether the respondent could correctly identify a school
Test Question Projects	0.232	0.423	Whether the respondent could correctly identify a school
Test Question Enrollment Specific	0.254	0.436	Whether the respondent could correctly identify the rang
Test Question Votes Specific	0.114	0.317	Whether the respondent could correctly identify the rang
Test Question Aid Projects Specific	0.022	0.13	Whether the respondent could correctly identify one or m
Donor Transparency Treatment	0.373	0.484	
Radio Transparency Treatment	0.397	0.49	
Any Transparency Treatment	0.657	0.475	

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Table 13: Summary Statistics

Variable	Mean	SD	Details
Log Population	10.527	0.464	Log Constituency/Ward Population (WorldPop)
Log Area	9.899	0.9	Log Constituency/Ward Area in Square Km (WorldPop)
Log Enrollment	6.12	1.544	Log Number of Students in School +1 (Malawi Dept of E
Log Teachers	2.467	0.545	Log Number of Teachers in School +1 (Malawi Dept of E
ChildrenAttend=Yes	0.797	0.402	Whether incumbent's or family member's children attend
ChildrenAttend=No	0.203	0.402	Whether incumbent's or family member's children attend
ChildrenAttend=Don't Know	0	0	Whether incumbent's or family member's children attend
Incumbent's Children Attends School	0.042	0.201	Whether incumbent's children attends this school (survey
Incumbent's Relatives Attend School	0.059	0.235	Whether incumbent's family member's children attends t
Family Attends School	0.077	0.266	Whether incumbent's children or family member's childre
Incumbent Understood Maps	0.848	0.359	Whether incumbent correctly indicated a response in a te
Log Temporary Classrooms	0.395	0.644	Log Number of Temporary Classrooms in School +1 (Ma
Log Permanent Classrooms	1.859	0.714	Log Number of Permanent Classrooms in School +1 (Ma
Log Temporary Houses	0.418	0.662	Log Number of Temporary Teacher Houses in School +1
Log Permanent Houses	1.097	0.742	Log Number of Permanent Teacher Houses in School +1
Choice=Dictionary	0.324	0.468	Allocation decision on this map was about dictionaries (s
Choice=Teacher Bags	0.332	0.471	Allocation decision on this map was about teacher bags (
Choice=Solar Lamps	0.344	0.475	Allocation decision on this map was about solar lamps (s
Opposition Votes (LC)	315.423	296.674	Votes at Polling Station for Leading Opposition Candidat
Opposition Percent (LC)	0.238	0.156	Percent Votes at Polling Station for Leading Opposition C
Opposition Votes (MP)	342.646	348.945	Votes at Polling Station for Leading Opposition Candidat

Percent Votes (MP)	0.253	0.179	Percent Votes at Polling Station for Leading Opposition C
Victory Margin (MP)	0.18	0.337	Victory Margin at Polling Station for incumbent MP (Ma
Pop Density at School	9.786	16.697	Population per Hectacre (World Pop Project)
Pop Density at School	9.774	16.663	Population per Hectacre (World Pop Project)
Poverty at School	0.616	0.165	Proportion of Area in Poverty (World Pop Project)
Poverty at School	0.616	0.165	Proportion of Area in Poverty (World Pop Project)
Turnout	1349.688	943.132	Turnout at Polling Station
Log Votes	7.011	0.643	Log Votes at Polling Station
Gender	0.895	0.307	Gender of respondent, male=1 and female=0 (survey)
Education Plan=Yes	0.678	0.467	Incumbent's council has an education plan=Yes (survey)
Education Plan=No	0.315	0.465	Incumbent's council has an education plan=No (survey)
Education Plan=Don't Know	0.007	0.082	Incumbent's council has an education plan=Don't Know
IncumbentTribe=Chewa	0.356	0.479	Incumbent is from Chewa tribe (survey)
IncumbentTribe=Lomwe	0.177	0.382	Incumbent is from Lomwe tribe (survey)
IncumbentTribe=Ngoni	0.104	0.306	Incumbent is from Ngoni tribe (survey)
IncumbentTribe=Other	0.104	0.306	Incumbent is from Other tribe (survey)
IncumbentTribe=Sena	0.053	0.225	Incumbent is from Sena tribe (survey)
IncumbentTribe=Tumbuka	0.067	0.25	Incumbent is from Tumbuka tribe (survey)
IncumbentTribe=Yao	0.138	0.345	Incumbent is from Yao tribe (survey)
ConstituencyTribe=Chewa	0.356	0.479	Constituency is predominately from Chewa tribe (survey)
ConstituencyTribe=Lomwe	0.177	0.382	Constituency is predominately from Lomwe tribe (survey
ConstituencyTribe=Ngoni	0.104	0.306	Constituency is predominately from Ngoni tribe (survey)
ConstituencyTribe=Other	0.104	0.306	Constituency is predominately from Other tribe (survey)
ConstituencyTribe=Sena	0.053	0.225	Constituency is predominately from Sena tribe (survey)
ConstituencyTribe=Tumbuka	0.067	0.25	Constituency is predominately from Tumbuka tribe (surv
ConstituencyTribe=Yao	0.138	0.345	Constituency is predominately from Yao tribe (survey)
Contest=Yes	0.769	0.422	Plan to contest election=Yes (survey)
Contest=No	0.035	0.184	Plan to contest election=No (survey)
Contest=Don't Know	0.003	0.058	Plan to contest election=Don't Know (survey)
Contest=Undecided	0.193	0.395	Plan to contest election=Undecided (survey)
Victory Margin in Ward	0.262	0.193	Victory margin of ward incumbent (Malawi Electoral Cor
Opposition Percent Votes in Ward	0.23	0.074	Percent votes for leading opposition candidate in ward (M
Turnout Percent in Ward	0.699	0.072	Turnout % in the ward (Malawi Electoral Commission)
Registered Voters in Ward	18658.799	7679.371	Registered voters in the ward (Malawi Electoral Commiss
Victory Margin in Constituency	-0.002	0.196	Victory margin of constituency incumbent (Malawi Elect
Opposition Votes in Constituency	0.151	0.168	Percent votes for leading oppositoin candidate in constitu
Votes in Constituency	26929.83	14800.579	Total votes in the constituency (Malawi Electoral Commi
HighestEd=Certificate	0.304	0.46	Incumbent's highest education level=Certificate (survey)
HighestEd=Degree	0.025	0.156	Incumbent's highest education level=Degree (survey)
HighestEd=Diploma	0.1	0.3	Incumbent's highest education level=Diploma (survey)
HighestEd=PhD	0	0	Incumbent's highest education level=PhD (survey)
HighestEd=Primary	0.012	0.111	Incumbent's highest education level=Primary (survey)
HighestEd=Secondary	0.559	0.497	Incumbent's highest education level=Secondary (survey)
Income1	0.356	0.479	Incumbent household income 100,000-200,000 kwacha/mo
Income2	0.311	0.463	Incumbent household income 200,000-400,000 kwacha/mo
Income3	0.124	0.329	Incumbent household income 400,000-1,000,000 kwacha/m
Income4	0.019	0.138	Incumbent household income 1,000,000-5,000,000 kwacha
Income5	0	0	Over 5,000,000 kwacha/month (survey)
Income6	0.19	0.393	Under 100,000 kwacha/month (survey)
IncomeDeclined	0	0	Incumbent declined to declare income (survey)
LengthResidence1	0.007	0.082	Incumbent resided in constituency less than 5 years (surv
LengthResidence2	0.031	0.172	Incumbent resided in constituency 5-10 years (survey)
LengthResidence3	0.212	0.409	Incumbent resided in constituency more than 10 years (su
LengthResidence4	0.739	0.439	Incumbent resided in constituency all their life (survey)

Length of Residence	2.703	0.559	0-3 index of how long incumbent resided in constituency
LengthResidenceDontKnow	0.008	0.089	Incumbent doesn't know how long s/he resided in constit
Age	42.659	9.334	Incumbent age (survey)
Married=OneWife	0.879	0.327	Incumbent is married with one wife (survey)
Married=Divorced	0	0	Incumbent is divorced (survey)
Married=Single	0	0	Incumbent is single (survey)
Married=Widowed	0.02	0.141	Incumbent is widowed (survey)
Married=DontKnow	0.003	0.058	Incumbent doesn't know marriage status (survey)
Married=Multiple	0.063	0.244	Incumbent is married with multiple wives (survey)
VoteAFORD	0	0	Incumbent would vote for AFORD party (survey)
VoteDPP	0.379	0.485	Incumbent would vote for DPP party (survey)
VoteIndependent	0.003	0.058	Incumbent would vote for Independent party (survey)
VoteMCP	0.337	0.473	Incumbent would vote for MCP party (survey)
VoteDeclined	0.138	0.345	Incumbent declined to declare party vote (survey)
VotePP	0.045	0.208	Incumbent would vote for PP party (survey)
VoteUDF	0.098	0.297	Incumbent would vote for UDF party (survey)
Log School Count	2.54	0.431	Log number of primary schools in ward/constituency (Mi
Pop Density	0.628	0.907	Average number of persons per grid cell in ward/constitu
Incumbent Percent	0.492	0.215	Percent votes at polling station for incumbent (Malawi E
Incumbent Votes	660.757	548.564	Votes at polling station for incumbent (Malawi Electoral
CouncilorPartyAFORD	0.003	0.058	Councilor ran under AFORD party (Malawi Electoral Co
CouncilorPartyOther	0.007	0.082	Councilor ran under CCP, NASAF or UIP party (Malawi
CouncilorPartyDPP	0.358	0.48	Councilor ran under DPP party (Malawi Electoral Comm
CouncilorPartyIndependent	0.066	0.248	Councilor ran as independent (Malawi Electoral Commiss
CouncilorPartyMCP	0.333	0.471	Councilor ran under MCP party (Malawi Electoral Comm
CouncilorPartyPP	0.117	0.321	Councilor ran under PP party (Malawi Electoral Commis
CouncilorPartyUDF	0.116	0.32	Councilor ran under UDF party (Malawi Electoral Comm
MPPartyAFORD	0.014	0.116	MP ran under AFORD party (Malawi Electoral Commiss
MPPartyOther	0.054	0.227	MP ran under CCP, NASAF or UIP party (Malawi Elect
MPPartyDPP	0.137	0.344	MP ran under DPP party (Malawi Electoral Commission
MPPartyIndependent	0.285	0.451	MP ran as independent (Malawi Electoral Commission)
MPPartyMCP	0.107	0.309	MP ran under MCP party (Malawi Electoral Commissio
MPPartyPP	0.175	0.38	MP ran under PP party (Malawi Electoral Commission)
MPPartyUDF	0.192	0.394	MP ran under UDF party (Malawi Electoral Commission
MPPartyPPM	0.037	0.19	MP ran under PPM party (Malawi Electoral Commissio
Aid Treatment	0.382	0.486	Equals one if a map was assigned the aid information tre
Need Treatment	0.5	0.5	Equals one if a map was assigned the school need informa
Voting Treatment	0.514	0.5	Equals one if a map was assigned the percent votes infor
Knowledge of Schools	0.477	0.303	Average score in school knowledge questions (survey)
Knowledge of Politics	0.242	0.294	Average score in political knowledge questions (survey)
Knowledge of Donors	0.122	0.223	Average score in donor knowledge questions (survey)
Aid Good Types	0.699	0.668	A count of the number of types of aid projects delivered l
Information Usefulness	1.533	0.688	A 0 to 2 scale indicating how useful the information was
Learning from Experiment	0.285	0.451	Whether the respondent indicated that they learned some
Frequency of Donor Interaction	0.794	1.005	A 0 to five scale indicating how frequently incumbents int
Student to Teacher Ratio	73.066	33.54	Number of students per teacher in a school (Ministry of E
Student to Classroom Ratio	135.682	255.765	Number of students per class in a school (Ministry of Edu
Temporary Classroom Ratio	0.492	0.928	Number of temporary to permanent classrooms in a schoo
School Need Index (ward)	-0.015	1.806	Index of school need within the ward (Ministry of Educat
School Need Index (constituency)	-0.013	1.871	Index of school need within the constituency (Ministry of
School Need Index	-0.015	1.806	Index of school need within the constituency or ward (Mi
Aid Project Count	0.521	0.477	Number of aid projects at school (various donors)
Test Question Classes	0.511	0.5	Whether the respondent could correctly identify a school
Test Question Votes	0.312	0.463	Whether the respondent could correctly identify a school

Test Question Enrollment	0.613	0.487	Whether the respondent could correctly identify a school
Test Question Projects	0.211	0.408	Whether the respondent could correctly identify a school
Test Question Enrollment Specific	0.304	0.46	Whether the respondent could correctly identify the rang
Test Question Votes Specific	0.172	0.377	Whether the respondent could correctly identify the rang
Test Question Aid Projects Specific	0.033	0.173	Whether the respondent could correctly identify one or m
Donor Transparency Treatment	0.252	0.434	
Radio Transparency Treatment	0.255	0.436	
Any Transparency Treatment	0.507	0.5	

Figure C1 Knowledge Statistics

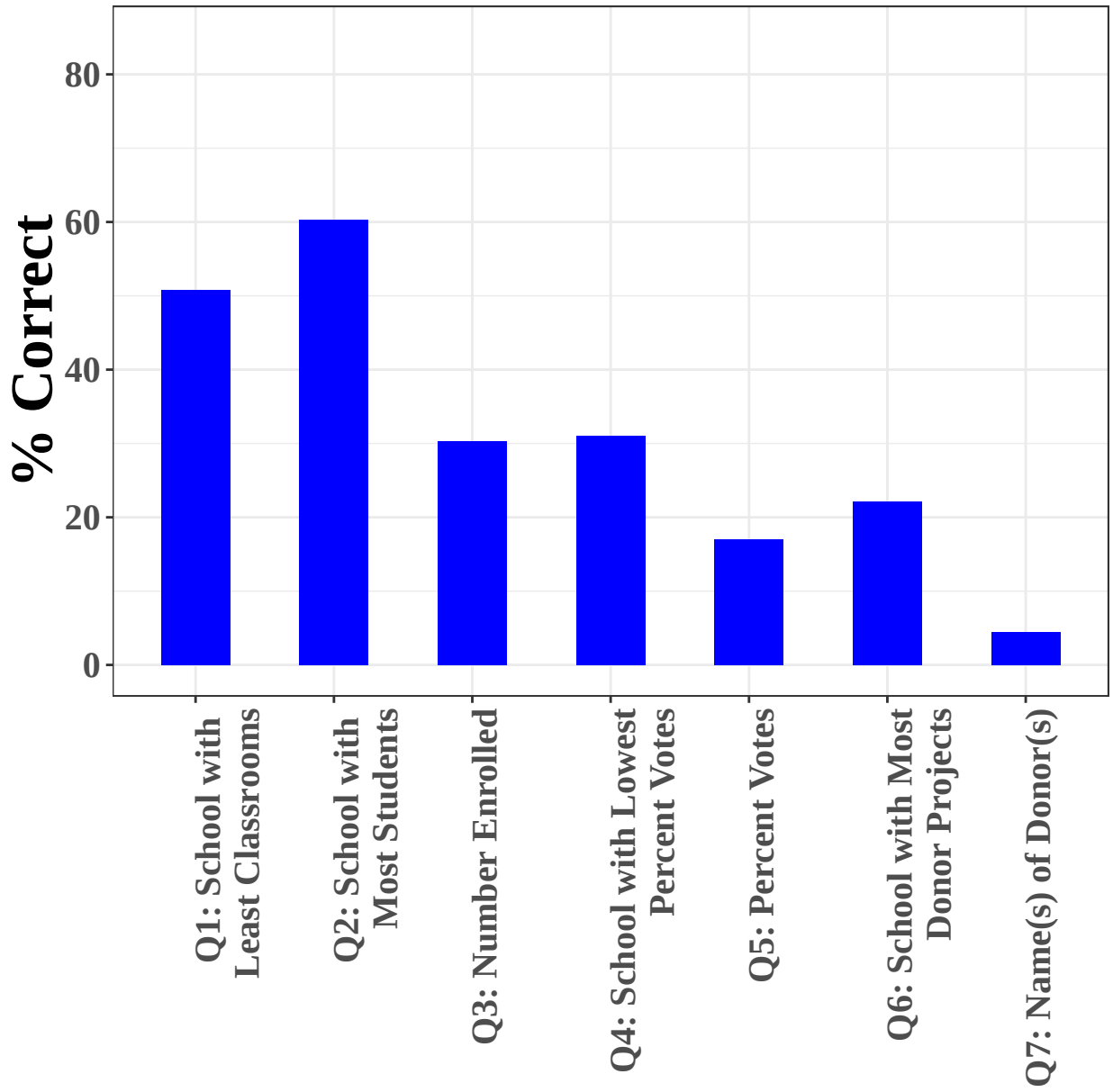

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Figure C2 Knowledge Statistics

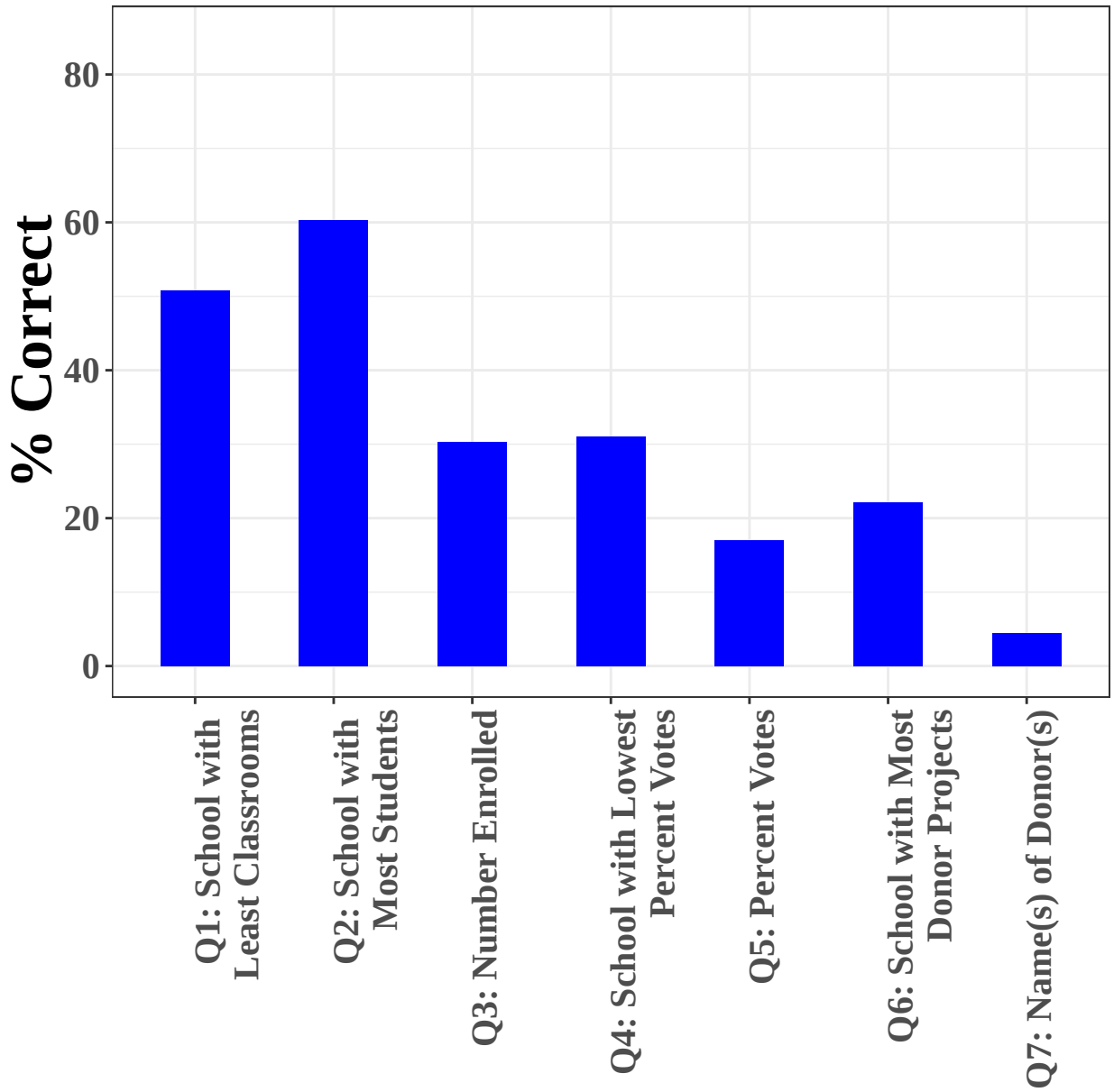

Table C5-C7 Attrition Statistics

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% Date and time: Thu, Jul 16, 2020 - 16:02:31

Table 14: The Effect of Treatment on Survey Attrition

	Attrition	
	MP Survey	Councillor Survey
	(1)	(2)
Treatment	0.035	0.006
	(0.024)	(0.008)
Intercept	0.319***	0.047***
	(0.015)	(0.005)
Observations	1,662	2,784
R^2	0.001	0.0002
F Statistic	2.194 (df = 1; 1660)	0.531 (df = 1; 2782)
Note:		*p<0.1; **p<0.05; ***p<0.01

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Table 15: Summary Statistics by Survey Attrition Status

Variable	NotAttritted	Attritted	Difference
Aid Good Types	0.699 (0.668)	0.708 (0.637)	0.009 (0.155)
Aid Project Count	0.521 (0.477)	0.535 (0.45)	0.013 (0.109)
CouncilorPartyAFORD	0.003 (0.058)	0 (0)	-0.003 (0.003)
CouncilorPartyDPP	0.358 (0.48)	0.283 (0.452)	-0.076 (0.11)
CouncilorPartyIndependent	0.066 (0.248)	0.13 (0.338)	0.065 (0.081)
CouncilorPartyMCP	0.333 (0.471)	0.283 (0.452)	-0.051 (0.11)
CouncilorPartyOther	0.007 (0.082)	0 (0)	-0.007 (0.004)
CouncilorPartyPP	0.117 (0.321)	0.065 (0.248)	-0.052 (0.061)
CouncilorPartyUDF	0.116 (0.32)	0.239 (0.428)	0.123 (0.102)
Frequency of Donor Interaction	0.794 (1.005)	1.145 (0.937)	0.351 (0.228)
Incumbent Percent	0.492 (0.215)	0.452 (0.21)	-0.039 (0.051)
Incumbent Votes	660.757 (548.564)	676.362 (456.007)	15.605 (111.582)
Log Area	9.899 (0.9)	9.906 (0.831)	0.008 (0.202)
Log Enrollment	6.12 (1.544)	6.061 (1.805)	-0.059 (0.434)
Log Permanent Classrooms	1.859 (0.714)	1.899 (0.731)	0.04 (0.177)
Log Permanent Houses	1.097 (0.742)	1.196 (0.718)	0.099 (0.174)
Log Population	10.527 (0.464)	10.552 (0.378)	0.025 (0.093)
Log School Count	2.54 (0.431)	2.403 (0.363)	-0.137 (0.089)
Log Teachers	2.467 (0.545)	2.442 (0.595)	-0.025 (0.143)
Log Temporary Classrooms	0.395 (0.644)	0.254 (0.525)	-0.141 (0.129)
Log Temporary Houses	0.418 (0.662)	0.293 (0.571)	-0.126 (0.139)
Log Votes	7.011 (0.643)	7.194 (0.581)	0.183 (0.141)
MPPartyAFORD	0.014 (0.116)	0 (0)	-0.014 (0.006)
MPPartyDPP	0.137 (0.344)	0.239 (0.428)	0.102 (0.103)
MPPartyIndependent	0.285 (0.451)	0.326 (0.47)	0.042 (0.114)
MPPartyMCP	0.107 (0.309)	0.087 (0.283)	-0.02 (0.069)
MPPartyOther	0.054 (0.227)	0.065 (0.248)	0.011 (0.06)
MPPartyPP	0.175 (0.38)	0.109 (0.312)	-0.066 (0.076)
MPPartyPPM	0.037 (0.19)	0.043 (0.205)	0.006 (0.049)
MPPartyUDF	0.192 (0.394)	0.13 (0.338)	-0.061 (0.083)
Opposition Percent (LC)	0.238 (0.156)	0.253 (0.162)	0.015 (0.039)
Percent Votes (MP)	0.253 (0.179)	0.261 (0.176)	0.008 (0.043)

Pop Density	0.628 (0.907)	0.645 (0.651)	0.017 (0.161)
Pop Density at School	9.774 (16.663)	8.045 (7.871)	-1.728 (2.066)
Poverty at School	0.616 (0.165)	0.652 (0.188)	0.036 (0.045)
Poverty at School	0.616 (0.165)	0.652 (0.188)	0.036 (0.045)
School Need Index	-0.015 (1.806)	-0.138 (1.835)	-0.124 (0.444)
School Need Index (constituency)	-0.013 (1.871)	-0.047 (1.991)	-0.034 (0.48)
School Need Index (ward)	-0.015 (1.806)	-0.138 (1.835)	-0.124 (0.444)
Victory Margin (MP)	0.18 (0.337)	0.194 (0.35)	0.014 (0.084)
Victory Margin in Constituency	-0.002 (0.196)	-0.002 (0.272)	0.001 (0.065)
Victory Margin in Ward	0.262 (0.193)	0.21 (0.153)	-0.052 (0.038)

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Table 16: Summary Statistics by Survey Attrition Status

Variable	NotAttritted	Attritted	Difference
Aid Good Types	0.783 (0.688)	0.607 (0.591)	-0.176 (0.097)
Aid Project Count	0.558 (0.479)	0.481 (0.43)	-0.077 (0.069)
CouncilorPartyAFORD	0 (0)	0.007 (0.085)	0.007 (0.011)
CouncilorPartyDPP	0.319 (0.466)	0.426 (0.495)	0.107 (0.075)
CouncilorPartyIndependent	0.047 (0.211)	0.13 (0.337)	0.084 (0.047)
CouncilorPartyMCP	0.35 (0.477)	0.234 (0.424)	-0.116 (0.069)
CouncilorPartyOther	0.002 (0.042)	0.024 (0.152)	0.022 (0.02)
CouncilorPartyPP	0.128 (0.334)	0.145 (0.352)	0.017 (0.054)
CouncilorPartyUDF	0.155 (0.362)	0.034 (0.182)	-0.121 (0.04)
Frequency of Donor Interaction	1.376 (1.175)	1.293 (0.508)	-0.083 (0.123)
Incumbent Percent	0.416 (0.215)	0.45 (0.225)	0.034 (0.034)
Incumbent Votes	521.128 (404.864)	634.404 (560.264)	113.276 (79.838)
Log Area	10.7 (0.722)	10.521 (0.832)	-0.179 (0.124)
Log Enrollment	6.158 (1.475)	6.034 (1.645)	-0.125 (0.247)
Log Permanent Classrooms	1.849 (0.684)	1.846 (0.774)	-0.003 (0.116)
Log Permanent Houses	1.121 (0.727)	1.087 (0.731)	-0.034 (0.113)
Log Population	11.254 (0.392)	11.225 (0.452)	-0.029 (0.067)
Log School Count	3.247 (0.407)	3.235 (0.47)	-0.012 (0.07)
Log Teachers	2.443 (0.536)	2.466 (0.586)	0.024 (0.089)
Log Temporary Classrooms	0.389 (0.638)	0.412 (0.659)	0.023 (0.101)
Log Temporary Houses	0.41 (0.646)	0.469 (0.699)	0.06 (0.106)
Log Votes	6.981 (0.573)	7.066 (0.676)	0.085 (0.1)
MPPartyAFORD	0.008 (0.09)	0.016 (0.127)	0.008 (0.018)
MPPartyDPP	0.154 (0.361)	0.098 (0.297)	-0.056 (0.05)
MPPartyIndependent	0.295 (0.456)	0.326 (0.469)	0.031 (0.072)
MPPartyMCP	0.124 (0.33)	0.103 (0.305)	-0.021 (0.049)
MPPartyOther	0.065 (0.246)	0.049 (0.216)	-0.016 (0.035)
MPPartyPP	0.151 (0.359)	0.179 (0.384)	0.028 (0.058)
MPPartyPPM	0.041 (0.197)	0.033 (0.178)	-0.008 (0.029)
MPPartyUDF	0.162 (0.369)	0.196 (0.397)	0.033 (0.06)
Opposition Percent (LC)	0.242 (0.16)	0.235 (0.141)	-0.007 (0.023)
Percent Votes (MP)	0.263 (0.187)	0.263 (0.182)	0 (0.029)
Pop Density	0.554 (0.797)	0.704 (1.028)	0.15 (0.149)
Pop Density at School	9.565 (24.497)	12.627 (23.117)	3.062 (3.663)
Poverty at School	0.631 (0.154)	0.59 (0.191)	-0.041 (0.028)
Poverty at School	0.631 (0.154)	0.591 (0.191)	-0.04 (0.028)
School Need Index	-0.059 (1.831)	0.035 (1.876)	0.095 (0.289)

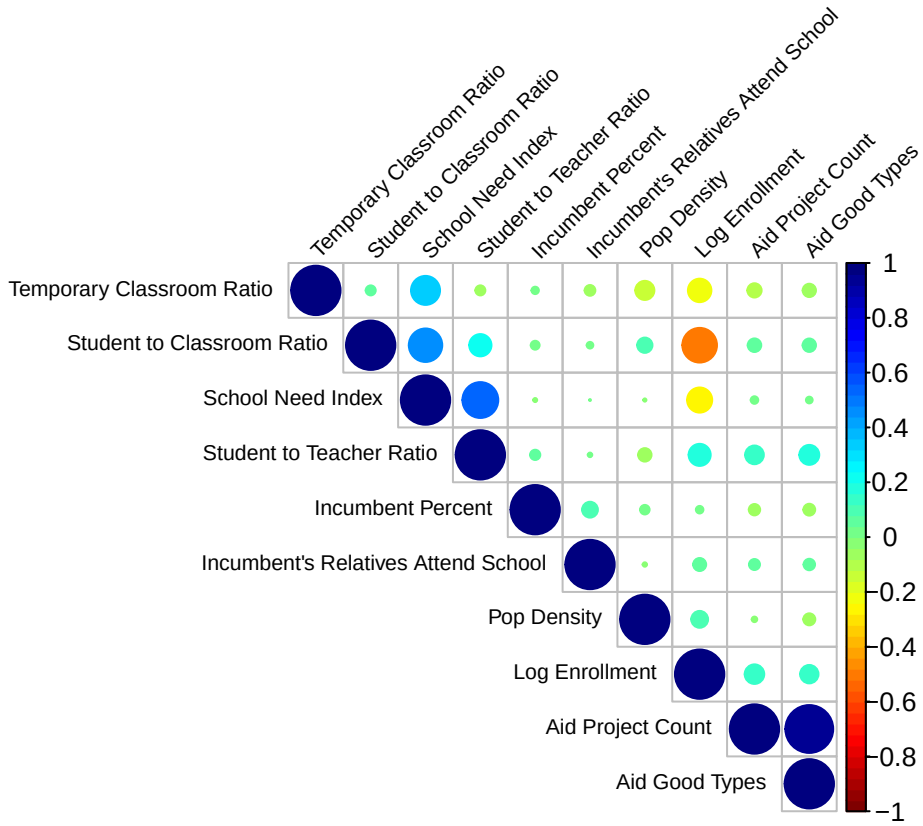
School Need Index (constituency)	-0.059 (1.831)	0.035 (1.876)	0.095 (0.289)
School Need Index (ward)	-0.085 (1.781)	0.065 (1.834)	0.15 (0.282)
Victory Margin (MP)	0.151 (0.343)	0.187 (0.355)	0.036 (0.054)
Victory Margin in Constituency	-0.007 (0.199)	0.002 (0.195)	0.009 (0.031)
Victory Margin in Ward	0.252 (0.187)	0.258 (0.194)	0.006 (0.03)

% Table created by stargazer v.5.2.2 by Marek Hlavac, Harvard University. E-mail: hlavac at fas.harvard.edu
% Date and time: Thu, Jul 16, 2020 - 16:02:37

Table 17: The Effect of Covariates on Survey Attrition

	MP Survey	Councillor Survey
	(1)	(2)
Aid Good Types	−0.434*	−0.089
	(0.245)	(0.083)
Aid Project Count	0.574	0.089
	(0.355)	(0.115)
CouncilorPartyAFORD	2.210	−0.118
	(1.540)	(0.263)
CouncilorPartyDPP	0.131	−0.066
	(0.155)	(0.044)
CouncilorPartyIndependent	0.517**	−0.039
	(0.221)	(0.063)
CouncilorPartyMCP	−0.003	0.008
	(0.170)	(0.049)
CouncilorPartyOther	0.815*	−0.107
	(0.471)	(0.170)
CouncilorPartyPP	0.099	−0.057
	(0.204)	(0.055)
CouncilorPartyUDF		
Frequency of Donor Interaction	0.008	0.016
	(0.038)	(0.013)
Incumbent Percent	−1.711	0.228
	(2.265)	(0.204)
Incumbent Votes	0.0002	−0.0001
	(0.0004)	(0.0001)
Log Area	−0.014	0.010
	(0.108)	(0.030)
Log Enrollment	−0.116	−0.083**
	(0.119)	(0.034)
Log Permanent Classrooms	0.109	0.135
	(0.282)	(0.088)
Log Permanent Houses	−0.068	0.007
	(0.152)	(0.045)
Log Population	0.031	0.017
	(0.165)	(0.048)
Log School Count	−0.102	−0.057
	(0.153)	(0.046)
Log Teachers	0.012	−0.075
	(0.211)	(0.065)
Log Temporary Classrooms	−0.011	0.011
	(0.202)	(0.059)
Log Temporary Houses	0.219	−0.045
	(0.146)	(0.047)
Log Votes	−0.043	0.164***
	(0.261)	(0.063)
MPPartyAFORD	−0.419	−0.036
	(0.496)	(0.136)
MPPartyDPP	−0.087	0.049
	(0.143)	(0.044)
MPPartyIndependent	−0.016	0.040
	(0.116)	(0.039)
MPPartyMCP	−0.005	0.005
	(0.140)	(0.048)
MPPartyOther	−0.151	−0.019
	(0.176)	(0.061)
MPPartyPP	0.005	−0.002

Figure C3 Correlation Matrix



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