Appendix A:
(not intended for publication)

Table A.1: Descriptive Statistics at the Individual Level, by treatment status

	Num. Obs.	Control	Public Rally	D2D	D2DT	D2DC	p-value			
		(1)	(2)	(3)	(4)	(5)	(2)-(1)	(3)-(1)	(4)-(1)	(5)-(1)
Age	4,033	41.225	42.331	42.756	43.902	41.751	0.098	0.047*	0.001**	0.575
		(0.491)	(0.450)	(0.592)	(0.683)	(0.799)				
Married	4,033	0.512	0.514	0.470	0.486	0.457	0.931	0.129	0.400	0.081
		(0.020)	(0.022)	(0.019)	(0.023)	(0.024)				
Has children	4,033	0.924	0.922	0.914	0.920	0.909	0.853	0.372	0.746	0.271
		(0.008)	(0.008)	(0.008)	(0.012)	(0.011)				
Num. of Children	4,033	3.966	4.297	4.284	4.334	4.240	0.064	0.080	0.036*	0.237
		(0.132)	(0.120)	(0.124)	(0.115)	(0.190)				
Employed	4,033	0.138	0.146	0.141	0.120	0.160	0.763	0.891	0.418	0.438
		(0.016)	(0.020)	(0.016)	(0.016)	(0.023)				
Speaks only Guarani	4,033	0.528	0.599	0.619	0.644	0.596	0.085	0.039*	0.007**	0.188
		(0.033)	(0.025)	(0.029)	(0.028)	(0.040)				
Years of Education	4,033	6.223	5.967	6.010	5.796	6.198	0.376	0.464	0.134	0.942
		(0.227)	(0.179)	(0.181)	(0.171)	(0.268)				
Born in Locality	4,033	0.465	0.425	0.474	0.486	0.464	0.344	0.822	0.654	0.993
		(0.028)	(0.031)	(0.033)	(0.038)	(0.036)				
HH Asset Index	4,033	0.193	-0.046	-0.041	-0.169	0.071	0.330	0.332	0.149	0.642
		(0.187)	(0.159)	(0.153)	(0.166)	(0.184)				
% Treated HHs	4,033	-	-	0.301	0.319	0.284	.	.	.	.
				(0.036)	(0.038)	(0.037)				
Registered to Vote (2012)	4,033	0.836	0.841	0.870	0.878	0.862	0.695	0.022*	0.016*	0.123
		(0.010)	(0.010)	(0.011)	(0.015)	(0.014)				
Registered to Vote (2013)	4,033	0.878	0.889	0.899	0.913	0.887	0.422	0.114	0.019*	0.568
		(0.009)	(0.009)	(0.010)	(0.012)	(0.013)				
Voted in municipal elections of 2010	4,033	0.559	0.577	0.573	0.614	0.536	0.499	0.663	0.096	0.519
		(0.020)	(0.017)	(0.023)	(0.026)	(0.030)				
Voted in presidential elections of 2013	4,033	0.741	0.746	0.757	0.786	0.732	0.810	0.441	0.049*	0.720
		(0.015)	(0.014)	(0.016)	(0.018)	(0.019)				

Note: Information collected in the survey conducted in March 2013. Reported means and standard deviations in parenthesis. Columns (1)-(3) present data from respondents by treatment status of the locality. Columns (4) and (5) represent information from treated and untreated respondents in D2D localities. * significant at the 0.05 level ** significant at the 0.01 level.

Table A.2: Descriptive Statistics at the Individual Level, by Linearity of the Locality

	N	Non-Linear Localities (1)	Linear Localities (2)	p-value (2)-(1)
Age	4,033	42.174	41.991	0.885
		(0.373)	(0.505)	
Married	4,033	0.489	0.519	0.211
		(0.014)	(0.021)	
At least 1 Children	4,033	0.923	0.915	0.639
		(0.006)	(0.008)	
Number of Children	4,033	4.199	4.163	0.909
		(0.087)	(0.135)	
Employed	4,033	0.142	0.141	0.992
		(0.012)	(0.018)	
Speaks only Guarani	4,033	0.602	0.544	0.147
		(0.021)	(0.028)	
Years of Education	4,033	5.895	6.381	0.042**
		(0.135)	(0.199)	
Born in Locality	4,033	0.465	0.431	0.237
		(0.023)	(0.029)	
Household Asset Index	4,033	-0.131	0.341	0.040**
		(0.107)	(0.186)	
% Treated Households	4,033	0.084	0.117	0.598
		(0.015)	(0.026)	
Registered to Vote (2012)	4,033	0.849	0.848	0.661
		(0.008)	(0.010)	
Registered to Vote (2013)	4,033	0.888	0.890	0.878
		(0.007)	(0.008)	
Voted in 2010 municipal elections	4,033	0.576	0.560	0.573
		(0.014)	(0.019)	
Voted in 2013 presidential elections	4,033	0.753	0.737	0.515
		(0.011)	(0.013)	

Note: Information collected in the survey conducted in March 2013. Reported means and standard deviations in parenthesis. * significant at the 0.05 level ** significant at the 0.01 level.

Table A.3: Descriptive Statistics at the Locality Level, by treatment status

	N	Control	Public Rallies	D2D	p-value	
		(1)	(2)	(3)	(2)-(1)	(3)-(1)
Population (logs)	286	6.381	6.510	6.397	0.096*	0.833
		(0.055)	(0.055)	(0.056)		
Share of Women (%)	286	47.197	47.270	47.219	0.836	0.951
		(0.252)	(0.250)	(0.258)		
Female Labor Force Participation (%)	286	9.128	10.157	10.439	0.398	0.289
		(0.864)	(0.856)	(0.883)		
Population ages 0-14 (%)	286	43.403	43.820	42.507	0.631	0.311
		(0.618)	(0.612)	(0.631)		
Population ages 15-64 (%)	286	52.035	51.953	52.743	0.902	0.302
		(0.480)	(0.475)	(0.490)		
Population ages 65+ (%)	286	4.557	4.223	4.751	0.305	0.558
		(0.231)	(0.229)	(0.236)		
Share of Illiterate (%)	286	90.005	90.520	90.401	0.642	0.725
		(0.788)	(0.780)	(0.805)		
Attendance to school (ages 6-14) (%)	286	89.200	90.158	89.639	0.402	0.705
		(0.812)	(0.803)	(0.829)		
Share of women employed (%)	286	13.765	15.694	15.976	0.278	0.221
		(1.264)	(1.251)	(1.291)		
Share of men employed (%)	286	74.659	73.796	74.226	0.598	0.794
		(1.165)	(1.153)	(1.190)		
Have Electricity (%)	286	78.723	79.570	76.068	0.749	0.326
		(1.888)	(1.869)	(1.929)		
Have Running Water (%)	286	22.729	27.169	27.239	0.339	0.339
		(3.295)	(3.261)	(3.366)		
Trash Recollection (%)	286	1.836	1.853	2.362	0.985	0.572
		(0.650)	(0.644)	(0.664)		
Have Landline (%)	286	2.602	1.736	1.962	0.254	0.407
		(0.540)	(0.534)	(0.551)		
Have Cellphone (%)	286	11.267	10.818	11.161	0.777	0.947
		(1.126)	(1.114)	(1.150)		
Number of occupants per HH	286	5.247	5.261	5.135	0.870	0.210
		(0.063)	(0.062)	(0.064)		
Rural (%)	286	0.885	0.867	0.859	0.709	0.587
		(0.034)	(0.034)	(0.035)		
Distance to Voting Center (log of km)	286	1.277	1.381	0.892	0.720	0.196
		(0.208)	(0.206)	(0.213)		
Identity Document (%)	286	55.139	53.906	53.376	0.504	0.347
		(1.311)	(1.297)	(1.339)		
Birth is registered (%)	286	93.472	92.683	91.641	0.571	0.196
		(0.989)	(0.979)	(1.011)		
Foreign (%)	286	12.031	7.337	7.554	0.376	0.406
		(3.770)	(3.732)	(3.852)		
Number of occupied households (log)	286	4.728	4.807	4.723	0.424	0.964
		(0.071)	(0.070)	(0.072)		
Have Drainage (%)	286	0.000	0.061	0.003	0.096*	0.833
		(0.033)	(0.033)	(0.034)		
Population Density	286	2.317	2.476	2.325	0.193	0.945
		(0.606)	(0.600)	(0.619)		
Population Density (Census)	286	2.317	2.476	3.409	0.852	0.992
		(0.692)	(0.685)	(0.707)		
Village Extension (ha)	286	7.127	7.045	6.908	0.870	0.271
		(0.152)	(0.151)	(0.155)		
% Treated Households	286	0.000	0.000	0.333	0.096*	0.833
		(0.017)	(0.017)	(0.017)		
Attendance to Massive Rallies (%)	286	0.000	0.072	0.000	0.096*	0.833
		(0.006)	(0.005)	(0.006)		

Note: Locality level data comes from the latest available census (2002). Information % of treated households and % attendance to massive rallies were collected during the fieldwork in March 2013. Data from 286 localities that we were able to track in the second round of treatment and the household survey. * significant at the 0.05 level ** significant at the 0.01 level.

Table A.4: Descriptive Statistics at the Locality Level, by linearity

	N	Non-linear Localities	Linear Localities	p-value
Population (logs)	286	6.495	6.327	0.010*
		(0.040)	(0.051)	
Share of Women (%)	286	47.218	47.247	0.924
		(0.186)	(0.235)	
Female Labor Force Participation (%)	286	9.392	10.719	0.197
		(0.637)	(0.806)	
Population ages 0-14 (%)	286	43.184	43.376	0.793
		(0.457)	(0.579)	
Population ages 15-64 (%)	286	52.015	52.586	0.318
		(0.354)	(0.448)	
Share of Illiterate (%)	286	89.731	91.234	0.108
		(0.578)	(0.731)	
Attendance to school (ages 6-14) (%)	286	88.891	90.915	0.035*
		(0.594)	(0.752)	
Share of women employed (%)	286	14.478	16.191	0.255
		(0.933)	(1.180)	
Share of men employed (%)	286	74.303	74.098	0.882
		(0.859)	(1.087)	
Have Electricity (%)	286	75.614	82.232	0.003**
		(1.375)	(1.739)	
Have Running Water (%)	286	21.003	33.219	0.001**
		(2.393)	(3.027)	
Trash Recollection (%)	286	1.374	3.031	0.031*
		(0.476)	(0.602)	
Have Landline (%)	286	1.579	2.932	0.034*
		(0.396)	(0.500)	
Have Cellphone (%)	286	10.773	11.568	0.552
		(0.830)	(1.050)	
Distance to Voting Center (log of km)	286	1.205	1.162	0.861
		(0.154)	(0.195)	
Identity Document (%)	286	53.670	54.916	0.424
		(0.967)	(1.223)	
Birth is registered (%)	286	92.370	93.000	0.593
		(0.731)	(0.925)	
Foreign (%)	286	11.216	5.409	0.195
		(2.776)	(3.512)	
Number of occupied households (log)	286	4.834	4.624	0.012*
		(0.052)	(0.065)	
Have Drainage (%)	286	0.031	0.007	0.010*
		(0.025)	(0.031)	
Population Density	286	1.686	4.382	0.002**
		(0.502)	(0.635)	
Village Extension (ha)	286	7.477	6.310	0.000**
		(0.104)	(0.131)	

* significant at the 0.05 level ** significant at the 0.01 level.

Table A.5: Correlates of Attrition at the locality level

	Dependent variable: Non-Attrited Locality			
	(1)	(2)	(3)	(4)
Public Rally	0.020	0.002	0.002	0.002
	(0.030)	(0.030)	(0.030)	(0.030)
D2D	-0.040	-0.058	-0.060	-0.060
	(0.030)	(0.030)	(0.031)	(0.031)
Population (logs)		0.024	0.024	0.022
		(0.025)	(0.025)	(0.026)
Share of Women (%)		0.298	0.300	0.298
		(0.621)	(0.622)	(0.623)
Population ages 0-14 (%)		0.182	0.185	0.185
		(0.240)	(0.240)	(0.241)
Population ages 15-64 (%)		0.184	0.187	0.188
		(0.240)	(0.240)	(0.241)
Population ages 65+ (%)		0.193	0.197	0.197
		(0.240)	(0.240)	(0.241)
Share of Illiterate (%)		0.003	0.003	0.003
		(0.002)	(0.002)	(0.002)
Attendance to school (ages 6-14) (%)		-0.002	-0.002	-0.002
		(0.002)	(0.002)	(0.002)
Share of women employed (%)		0.002	0.002	0.002
		(0.001)	(0.001)	(0.001)
Share of men employed (%)		-0.001	-0.001	-0.001
		(0.001)	(0.001)	(0.001)
Have Electricity (%)		-0.002	-0.002	-0.002
		(0.001)	(0.001)	(0.001)
Have Running Water (%)		0.000	0.000	0.000
		(0.000)	(0.001)	(0.001)
Have Drainage (%)		-0.013	-0.012	-0.012
		(0.039)	(0.039)	(0.039)
Trash Recollection (%)		0.005	0.005	0.005
		(0.003)	(0.003)	(0.003)
Have Landline (%)		-0.011**	-0.011**	-0.011**
		(0.004)	(0.004)	(0.004)
Have Cellphone (%)		-0.001	-0.000	-0.000
		(0.001)	(0.002)	(0.002)
Number of occupants per HH		0.071*	0.074*	0.075*
		(0.030)	(0.030)	(0.030)
Rural (%)		-0.088	-0.090	-0.089
		(0.057)	(0.057)	(0.058)
Non-Linear				0.005
				(0.028)
Constant	0.960***	-17.831	-18.168	-18.226
	(0.021)	(23.968)	(24.006)	(24.050)
Department Fixed effects	No	No	Yes	Yes
Observations	300	300	300	300
R-squared	0.014	0.093	0.094	0.094
F-test	0.124	0.081	0.342	0.387

Note: The dependent variable equals one if we managed to collect surveys in the second round of intervention (286 localities). * significant at the 0.05 level ** significant at the 0.01 level.

Table A.6: Correlates of Attrition at the individual level

	Dependent variable: Non-Attrited Individual	
	(1)	(2)
Public Rallies	0.037**	0.037**
	(0.015)	(0.015)
D2D	-0.021	
	(0.015)	
D2DT		-0.045**
		(0.018)
D2DC		0.001
		(0.018)
Observations	6,250	6,250
Mean dep. var.	0.645	0.645
R-squared	0.003	0.003

Note: The universe on individuals considered in the regressions corresponds to all women we intended to survey. Standard errors in parenthesis. * significant at the 0.05 level ** significant at the 0.01 level.

Table A.7: Effects of treatments on Registration and Turnout, comparing independently against control

	Dep. Var.: Registered to vote			Dep. Var.: Voted in presidential elections of 2013		
	Full Sample	Linear	Non-Linear	Full Sample	Linear	Non-Linear
Public Rallies	0.005	-0.013	0.009	0.015	-0.014	0.028
	(0.008)	(0.013)	(0.010)	(0.016)	(0.027)	(0.020)
D2DC	-0.009	-0.006	-0.015	0.014	-0.037	0.027
	(0.008)	(0.015)	(0.009)	(0.020)	(0.028)	(0.026)
D2DT	0.004	-0.007	0.004	0.038	-0.029	0.071**
	(0.008)	(0.019)	(0.010)	(0.022)	(0.036)	(0.026)

Note: Each regression coefficient comes from a separate regressions where we compare only the treatment group indicated in the first column against the control group. All regressions include individual and locality level controls and department fixed effects. Standard errors in parenthesis. * significant at the 0.05 level ** significant at the 0.01 level.

Table A.8: Spillover effects, controlling for interactions between the treatment and other covariates

	Panel A: Effect of the treatment on Registration					
	Dependent Variable: Registered to vote					
	Targeted Households			Untargeted Households		
	(1)	(2)	(3)	(1)	(2)	(3)
D2D	-0.006	-0.005	-0.010	-0.015	-0.012	-0.014
	(0.014)	(0.015)	(0.016)	(0.014)	(0.015)	(0.015)
Public Rallies	-0.005	-0.004	-0.000	-0.006	-0.004	-0.000
	(0.013)	(0.014)	(0.016)	(0.013)	(0.014)	(0.016)
D2D*Not Lineal Locality	0.009	0.010	0.021	-0.005	-0.008	-0.009
	(0.017)	(0.018)	(0.020)	(0.017)	(0.018)	(0.020)
Public Rallies*Not Lineal Locality	0.012	0.010	0.006	0.014	0.012	0.006
	(0.017)	(0.018)	(0.019)	(0.017)	(0.017)	(0.019)
Mean of Dep. Var. for Control Group	0.889	0.889	0.889	0.884	0.884	0.884
# of obs.	3,350	3,350	3,350	3,434	3,434	3,434
R-squared	0.687	0.690	0.694	0.707	0.709	0.713
	Panel B: Effect of the treatment on Turnout					
	Dependent Variable: Voted in presidential elections of 2013					
	Targeted Households			Untargeted Households		
	(1)	(2)	(3)	(1)	(2)	(3)
D2D	-0.014	-0.010	0.005	-0.028	-0.024	-0.044
	(0.030)	(0.030)	(0.032)	(0.027)	(0.028)	(0.029)
Public Rallies	-0.002	-0.002	0.004	-0.002	-0.002	0.004
	(0.025)	(0.026)	(0.027)	(0.026)	(0.027)	(0.027)
D2D*Not Lineal Locality	0.085**	0.080**	0.071	0.051	0.047	0.065
	(0.038)	(0.038)	(0.047)	(0.037)	(0.038)	(0.041)
Public Rallies*Not Lineal Locality	0.018	0.016	0.004	0.022	0.020	0.004
	(0.033)	(0.033)	(0.038)	(0.034)	(0.034)	(0.038)
Mean of Dep. Var. for Control Group	0.751	0.751	0.751	0.741	0.741	0.741
# of obs.	3,350	3,350	3,350	3,434	3,434	3,434
R-squared	0.205	0.211	0.220	0.209	0.212	0.223
Individual and Locality Level Covariates	Yes	Yes	Yes	Yes	Yes	Yes
Individual interactions		Yes	Yes		Yes	Yes
Locality interactions			Yes			Yes

Note: The data comes from the survey conducted in March 2013, locality level census information and administrative information on turnout from the TSJE. OLS regressions reported. Individual covariates included in the regressions are: Age, Years of education, Only speaks Guarani, Born in the same locality, Formally employed, Married, Has children and Number of Children, HH asset index, and Number of members in the HH. Locality level covariates included are: population, % of female population, % population 0-14, % of population 15-64, % of population 65+, % of illiterate population, % of population 6-14 attending to school, % of population with access to electricity, % of population with access to running water, % of population with access to sewage, % of population that has a cellphone, % of population that has a landline, rural, % of women employed, % of men employed, number of occupied houses in the village, distance to voting center and % of population with access to trash recollection. Standard errors reported in parenthesis are clustered at the locality level. ** significant at the 5% *** significant at the 1%

Table A.9: Estimating Spillover Effects - First Stage

	Dependent Variable: % Treated Households					
	Targeted Households			Untargeted Households		
	Full Sample	Linear	Non Linear	Full Sample	Linear	Non Linear
Door-to-Door-30%	0.329*	0.384*	0.304*	0.293**	0.304*	0.316*
	(0.041)	(0.080)	(0.033)	(0.043)	(0.059)	(0.063)
Door-to-Door-40%	0.444*	0.508*	0.402*	0.410**	0.529*	0.351*
	(0.067)	(0.089)	(0.089)	(0.073)	(0.129)	(0.075)
Door-to-Door-50%	0.318*	0.344*	0.316*	0.306**	0.296*	0.336*
	(0.046)	(0.047)	(0.065)	(0.049)	(0.056)	(0.062)
# of obs.	3,350	1,122	2,228	3,434	1,154	2,280
R-squared	0.619	0.686	0.603	0.570	0.634	0.588

Note: All regressions correspond to the first stage estimation of the 2SLS regressions reported in Table 4, and therefore include all the same controls and fixed effects. Standard errors reported in parenthesis are clustered at the locality level. * significant at the 0.05 level ** significant at the 0.01 level.

Table A.10: Estimating Spillover Effects – OLS Regressions

	Dependent Variable: Voted in presidential elections of 2013					
	Targeted Households			Untargeted Households		
	Full Sample	Linear	Non Linear	Full Sample	Linear	Non Linear
% Treated Households	0.083	-0.064	0.170*	0.043	-0.102	0.130*
	(0.044)	(0.061)	(0.042)	(0.040)	(0.054)	(0.043)
Public Rallies	0.011	-0.003	0.014	0.014	-0.000	0.021
	(0.015)	(0.024)	(0.021)	(0.015)	(0.024)	(0.021)
# of obs.	3,350	1,122	2,228	3,434	1,154	2,280
R-squared	0.208	0.196	0.229	0.212	0.206	0.230

Note: All regressions correspond to the OLS versions of the 2SLS regressions reported in Table 4, and therefore include all the same controls and fixed effects. Standard errors reported in parenthesis are clustered at the locality level. * significant at the 0.05 level ** significant at the 0.01 level.

Table A.11: Effect of GOTV Campaigns on Turnout – Full Sample

	Dependent Variable: Voted in presidential elections of 2013		
	Full Sample	Linear	Non Linear
D2DT	0.042	-0.002	0.073
	(0.020)*	(0.030)	(0.024)**
D2DC	0.015	-0.017	0.034
	(0.019)	(0.027)	(0.025)
Public Rallies	0.016	0.002	0.017
	(0.016)	(0.026)	(0.022)
Mean of Dep. Var. for Control Group	0.748	0.737	0.753
# of obs.	4033	1394	2639
R-squared	0.20	0.19	0.23
Individual Covariates	Yes	Yes	Yes
Locality Level Covariates	Yes	Yes	Yes
Department Fixed effects	Yes	Yes	Yes
Lagged dependent variable	Yes	Yes	Yes

Note: Individual and locality level covariates included are detailed in the main text (footnote 10). Standard errors in parenthesis clustered at the locality level. * significant at the 0.05 level ** significant at the 0.01 level.

APPENDIX B – CAMPAIGN MATERIALS

(not intended for publication)

Figure B.1: Posters – Registration Campaign





Figure B.2: Fliers – Registration Campaign



Figure B.3: Posters – Voting Campaign

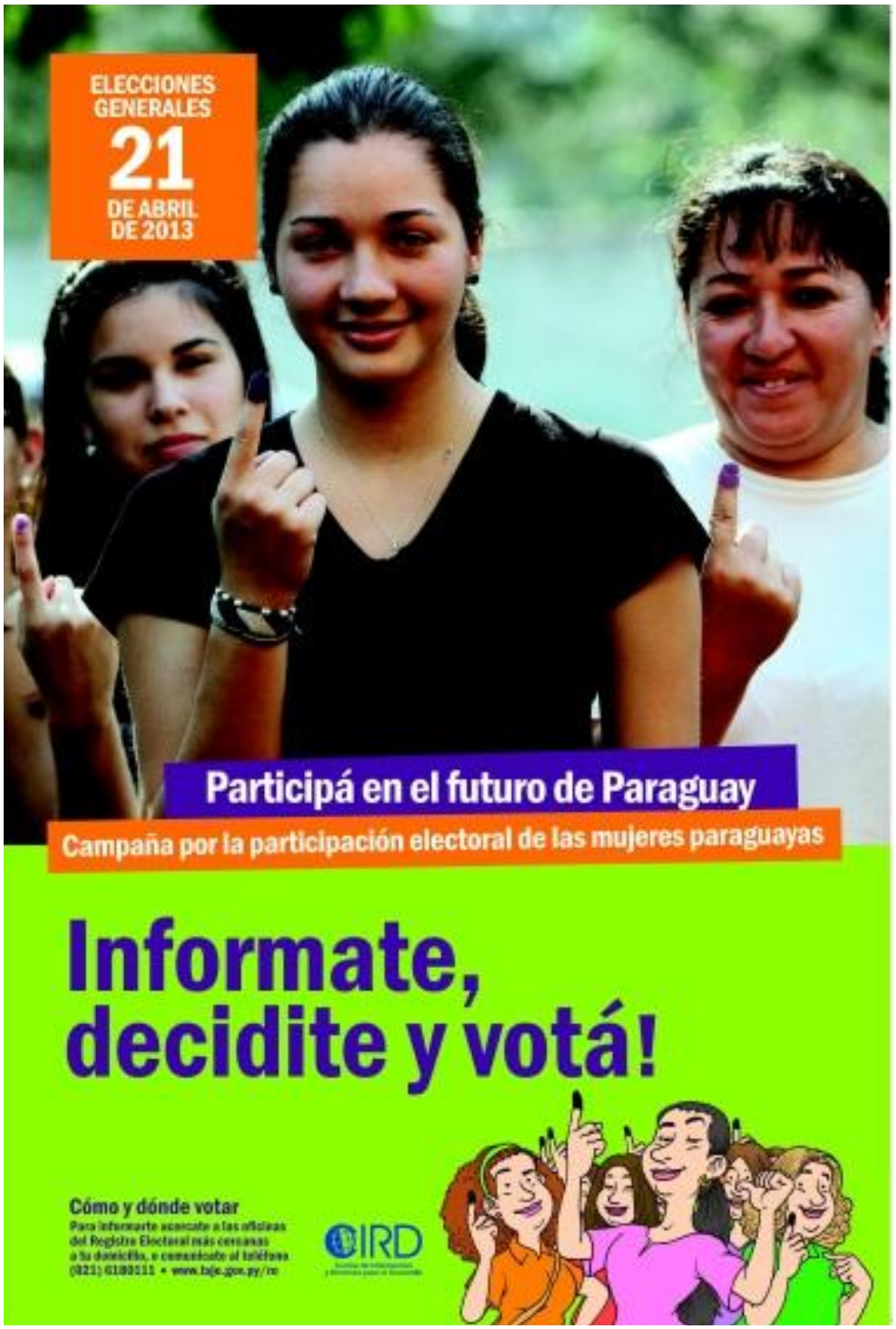


Figure B.4: Fliers – Voting Campaign

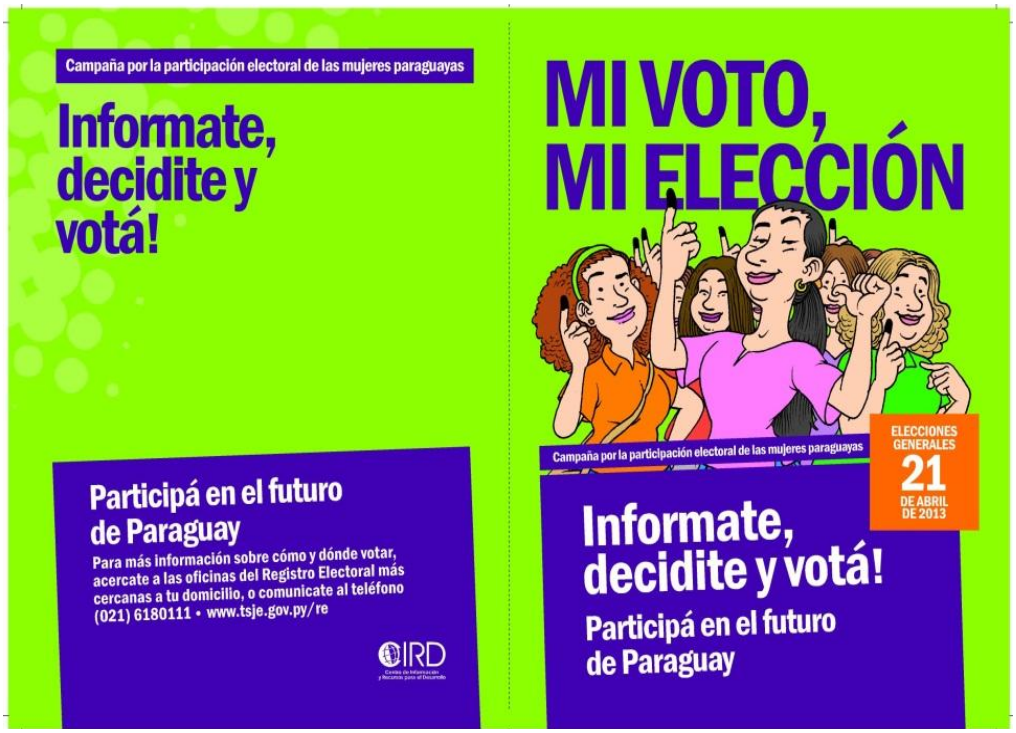




Figure B.5: Stickers – Voting Campaign



Figure B.6: Pictures: Massive Voting Campaigns



Yhaí – Raúl Arsenio Oviedo – Caaguazú



Primera Línea Capiati – Raúl Arsenio Oviedo – Caaguazú



Santa Librada– Coronel Oviedo - Caaguazú



Santa Librada– Coronel Oviedo - Caaguazú



Yukyty– Coronel Oviedo - Caaguazú



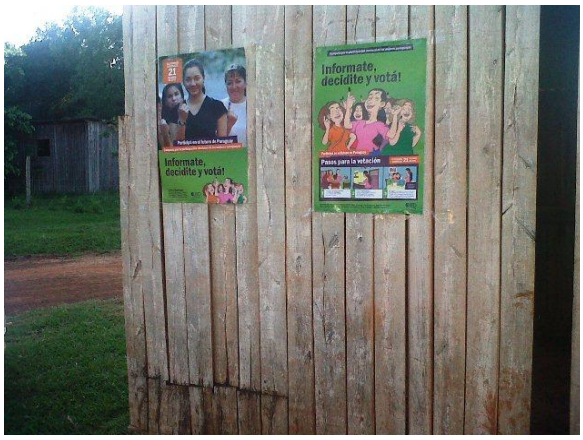
Aguapety– Coronel Oviedo - Caaguazú



Aguapety– Coronel Oviedo - Caaguazú



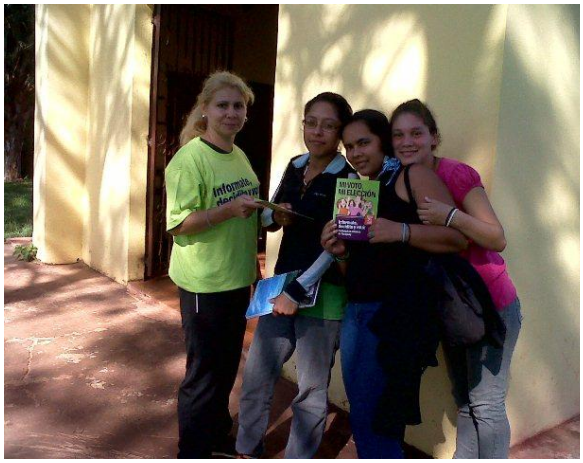
Costa San Antonio – Coronel Oviedo - Caaguazú



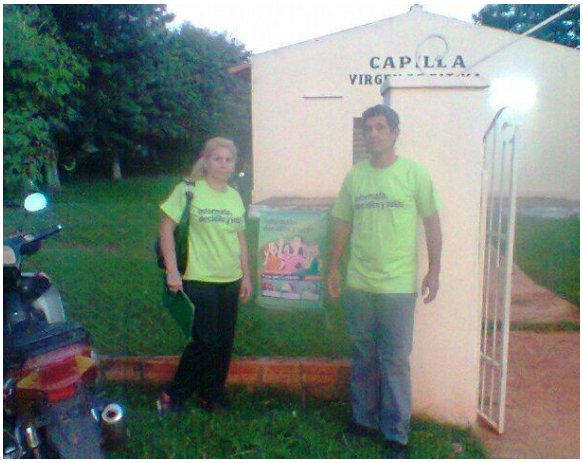
Costa San Antonio – Coronel Oviedo - Caaguazú



Costa San Antonio – Coronel Oviedo - Caaguazú



Costa San Antonio – Coronel Oviedo - Caaguazú



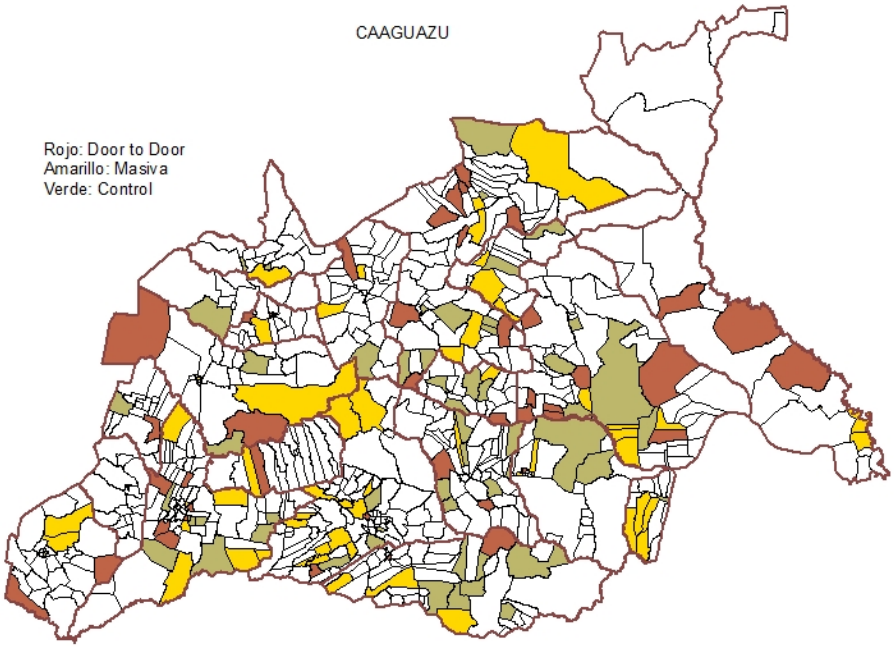
Mbocayaí – Vaquería - Caaguazú

Appendix C: Examples of linear and Non-Linear Localities
(not intended for publication)

Map A.1 shows the department of Caaguazu, highlighting the localities sampled for the study, and their treatment status. The first panel of Map 1 in the main text shows maps of examples of localities coded as linear and non-linear. To get a closer look at the distribution of households in the locality, we proceeded to mark the reference area in GoogleEarth, and look at the satelite pictures.

In the maps shown, we zoom-in and analyze these localities. The right panel of Map 1 in the main text shows the these satellite images, and we can clearly see the difference in the shape of linear and non linear localities. In linear localities, all households are placed along the road, and there are no blocks or natural gathering spaces. Maps 2 in the main text zooms into one of these linear localities, while Maps A.2-A.6 show additional examples of non-linear localities.

Map C.1: CAAGUAZU



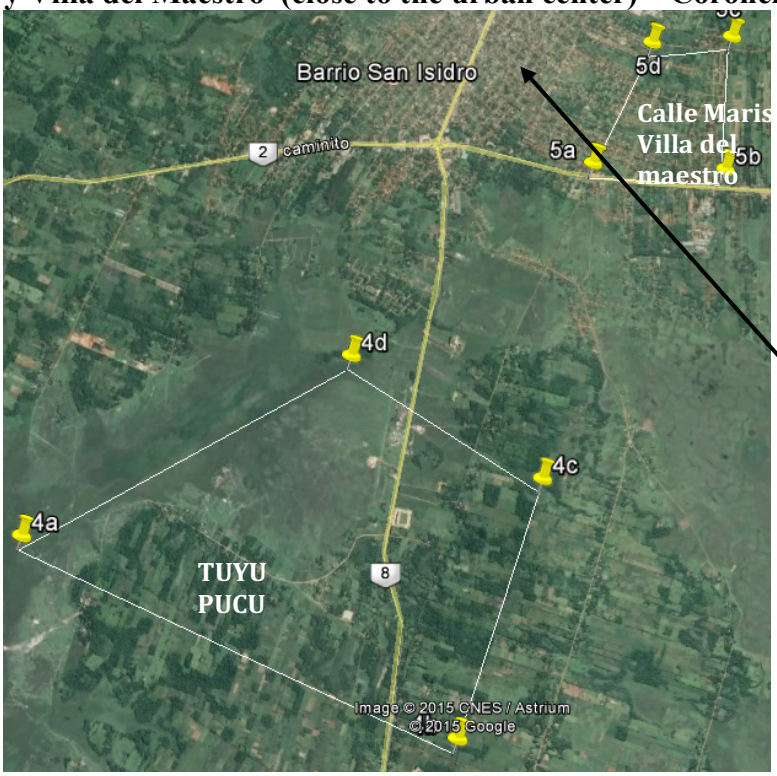
Linear localities:

- Calle 6 Tacua Cora – distrito RI3 Corrales
- Calle 8 Tacua Cora – distrito RI3 Corrales

Non linear localities:

- Asentamiento 3 de mayo – distrito Carayao
- Tuyu Pucu – Distrito Coronel Oviedo
- Calle Marista, Villa del maestro – Distrito Coronel Oviedo

Map C.2: Non linear locality of Tuyu Pucu (far from the urban center), Calle Marista y Villa del Maestro (close to the urban center) – Coronel Oviedo



Note: Non linear localities in Coronel Oviedo. Close and far away from the urban center.

Map C.3: Distribution of households in the non linear localities of Calle Marista and Villa del Maestro – Coronel Oviedo



Notes: area of greater urban aglomeration in the sample.