Appendix C (online): Additional models

This appendix shows the results from analyses that replicate Table 2 and Figure 3 from the main paper, but pool responses of contacting legislators at both local and national levels of government. The "Contact" variable thus takes a "1" for respondents who said they would never contact a local or national level legislator, a "2" for respondents who said they "would" either contact a local and/or national level legislator, and a "3" for respondents who said they "had" either contacted a local and/or national level legislator. The "Demand" variable takes a "1" for respondents who were highly dissatisfied with, or did not have access to, at least one of the four local services and who also said they would (or had) contact(ed) a local and/or national level legislator. The results for all variables are both substantively and statistically similar to those presented in the main paper.

Table C.1: Determinants of dissatisfaction with local services with alternative index

Variable	**Model 1.1: Contact**	**Model 1.2: Contact**	**Model 1.3: Demand**	**Model 1.4: Demand**
Size of home town/city	-0.011**	-0.020***	-0.038***	-0.040***
	(0.005)	(0.005)	(0.007)	(0.007)
Income	-	0.045***	-	-0.003
		(0.006)		(0.007)
Gvt. Partisanship	-	0.145***	-	-0.011
		(0.025)		(0.032)
Constant	-	-	-0.635***	-0.605***
			(0.054)	(0.062)
Cut point 1	-0.154	0.063	-	-
	(0.044)	(0.050)		
Cut point 2	0.877	1.104	-	-
	(0.045)	(0.051)		
N	13,870	13,577	13,634	13,355

Notes: ***p<0.01, **p<0.05, *<0.1. Standard errors are in parentheses. Coefficients in Model 1.1 and Model 1.2 are from ordered probit models. Coefficients in Model 1.3 and Model 1.4 are from probit models. The unit of analysis in all models is the individual respondent in the 2008 Latin Barometer dataset. Country dummy variables are included, but not shown.

Figure C.1: Urbanization and Demand at the Individual Level with alternative index

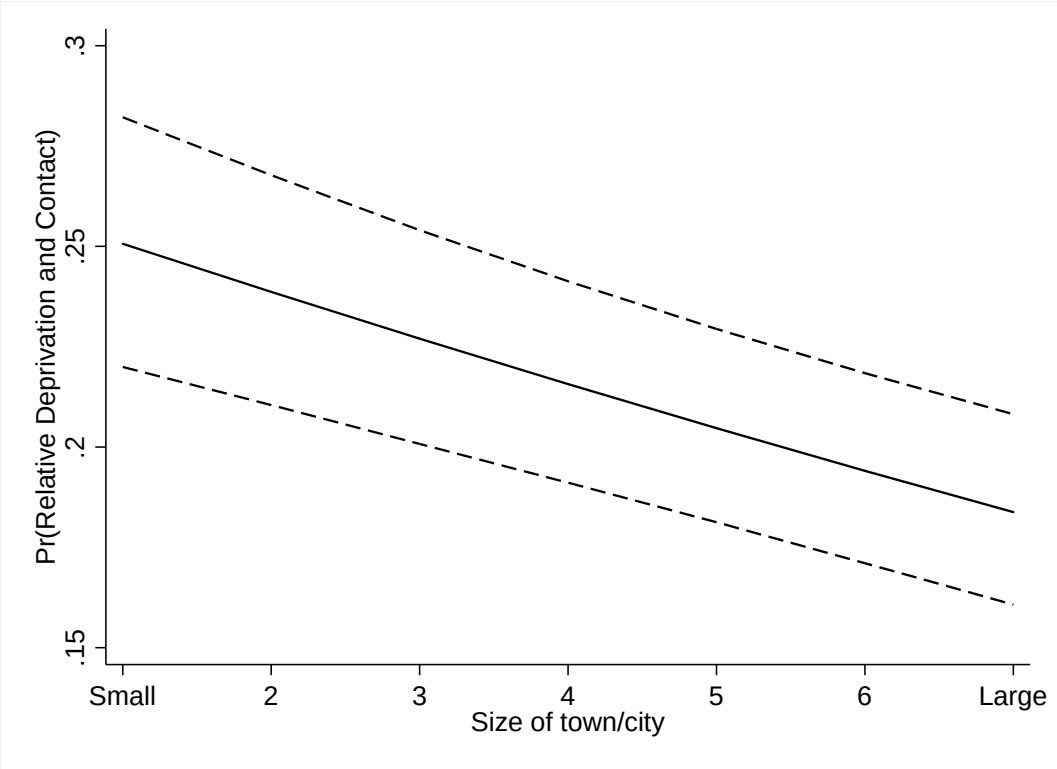

Table C.2: District resource priority among legislators by electoral rules

Variable	Model 2.1: Open list	Model 2.2: Closed list	Model 2.3: Open list	Model 2.4: Closed list
District population density	-0.081**	-0.102***	-0.114***	-0.083**
	(0.034)	(0.039)	(0.036)	(0.041)
District magnitude	-0.268***	-0.177**	-0.228***	-0.231***
	(0.067)	(0.075)	(0.069)	(0.084)
Government party	0.177**	0.181***	0.154**	0.199**
	(0.070)	(0.069)	(0.071)	(0.083)
District GDP PC	-	-	-0.116	-0.147
			(0.084)	(0.010)
Cut point 1	-2.880	-4.408	-3.967	-4.851
	(0.198)	(0.349)	(0.746)	(0.804)
Cut point 2	-2.162	-3.416	-3.255	-3.910
	(0.191)	(0.342)	(0.745)	(0.800)
Cut point 3	-1.256	-2.527	-2.355	-2.945
	(0.186)	(0.339)	(0.744)	(0.796)
Random intercept variance:	0.027	0.074	0.017	0.049
Districts	(0.018)	(0.029)	(0.016)	(0.030)
N	1,441	1,641	1,399	1,123

Notes: ***p<0.01, **p<0.05, *<0.1. Standard errors are in parentheses. Coefficients are from ordered probit models. The unit of analysis in all models is the PELA survey wave-legislator. The number of observations is larger when district GDP per capita is not included because we do not have data on this variable for Nicaragua, the Dominican Republic, and Costa Rica. Dummy variables for country-waves are included, but not shown.