

JOP On-Line Appendix

Table A1: Summary Statistics

Variable	Obs	Mean	Std. Dev	Min	Max	Source
Any Bond on Ballot	207488	0.006304	0.079147	0	1	Bond Buyer
% Bonds Approved	1308	0.673673	0.454062	0	1	Bond Buyer
General Election Average	1308	0.492514	0.496098	0	1	Bond Buyer
Multiple Categories Per Bond	1305	0.3341	0.471856	0	1	Bond Buyer
Amount per Cap (log)	1305	5.93232	1.233721	-3.38066	13.16213	Bond Buyer
Diversity	207488	0.168459	0.223581	0	1	Census of Population and Housing & American Community Survey
Inequality (log)	207488	0.218393	0.142083	-2.02046	2.758669	Census of Population and Housing & American Community Survey
Population (log)	207488	7.278517	1.796422	0	15.15951	Census of Population and Housing & Current Population Survey
1 year change in population	207488	119.7407	1047.543	-243528	93059	Census of Population and Housing & Current Population Survey
% College Degree	207488	0.102867	0.08562	0	1	Census of Population and Housing & American Community Survey
Taxes per Capita	207488	0.303862	2.108182	0	297.4445	Census of Governments Finance
Income per capita	207488	17155.82	9177.42	0	216399.4	Census of Population and Housing & American Community Survey
Median home values	207488	81961.13	84886.18	0	1689800	Census of Population and Housing & American Community Survey
Council Manager government	207488	0.154891	0.361802	0	1	Census of Governments Organization
Revenue Shortfall	207488	530.0772	35260.92	-1310624	6842180	Census of Governments Finance
Average Debt Cost	207488	0.069673	0.739951	-9.70588	107.2	Census of Governments Finance
% Revenue from Intergov. Sources	207488	0.234324	0.204099	0	1	Census of Governments Finance
Home Rule	207488	0.199428	0.399572	0	1	Census of Governments Organization
Public Services Operated	207488	2.646158	1.843681	0	10	Census of Governments Organization
District City Council	207488	0.200614	0.400461	0	1	Census of Governments Organization

Table A2: Keywords Used to Categorize Bonds

Education	College, campus, education, university, tuition
Amenities	Trail, swim, pool, rec, recreation, library, park, shelter, sport, aqua, community, soccer, fairground, museum, cultural, senior, golf, civic auditorium, art, exposition, complex, path, tennis, casino, hall, skateboard, gym, zoo, theatre, theater, stadium, field, science, rink, sidewalk, walk, fair, book, animal, multipurpose, arena, convention, heritage, mosquito, plaza, natatorium, coliseum, ball field, youth, planetarium, aviary, greenway, athletic, childhood, dome, activity
Open Space	Preservation, wild, conservation, farmland, forest, green space, wetland, preserve, open/green space
Healthcare	Health, hospital, medical, medic, ambulance, care, nurse, psych, embryonic
Housing	House, apartment, affordable, Section 8, home, neighborhood, mortgage
Development	Economic, development, capital, industrial, commercial, downtown, invest, tif, redevelopment, revival, brownfield, real estate, urban, renewal, firm, manufacture
Public Facilities	Municipal, government, administ, town/city, hall, public facility
Justice (courthouses, jails, etc.)	Justice, correction, court, jail, prison, detention, juvenile
Safety	Fire, police, sheriff, safety, earthquake, ladder, law enforcement, defense, emergency, disaster, relief, warning, crime
Infrastructure	Infrastructure, public works
Transportation	Transit, transport, train, rail, bus, street, dredge, deepen, highway, parkway, freeway, tollway, bridge, port, asphalt, thoroughfare, parking, paving, ship, road, traffic, signal, airport, seaport, bicycle, dock, wharf, terminal, overpass, viaduct, route, lane
Utilities (except water)	Electric, power, utility, energy, generation, transmission, gas, tele, technology, computer, hydroelectric, radio, communication
Water & Waste	Water, sewer, sewage, treatment, waste, recycle, landfill, reservoir, wells, flood, drain, refuse, runoff, pipeline, dam, dispose, sludge, levee, filtration, erosion, pump, storm water, pollution, cleanup
Refinancing	Debt, outstanding, refinance, refund, grant, bond, repay, repurchase, payoff
Pensions	Pension, retire
Voting & Elections	Voting, election
Various	Various
Other	<i>[No keywords found]</i>

Table A3: Effect of Diversity on Bond Characteristics, 1991-2006, Selection Models

	Multiple Categories Probit w/selection		Amount Proposed/Cap ML Regression w/selection		General Election ML Regression w/selection		Passage Rate ML Regression w/selection	
	Coefficient	St. Err	Coefficient	St. Err	Coefficient	St. Err	Coefficient	St. Err
Diversity	0.576 **	0.272	0.764 **	0.252	0.350 **	0.097	0.216 **	0.101
Inequality Log	0.032	0.429	-1.156 **	0.374	-0.437 **	0.157	0.269 **	0.131
Population Log	0.096 †	0.073	-0.330 **	0.067	0.016	0.03	-0.012	0.019
1 yr Change Population (thsd)	0.008	0.01	0.026 **	0.010	0.001	0.005	0.004 *	0.002
% College Degree	1.74 **	0.746	0.800	0.729	0.264	0.263	0.909 **	0.240
Taxes Per Cap	0.011	0.081	0.222 **	0.094	0.036	0.034	0.049 **	0.025
Income Per Cap (thsd)	-0.013 †	0.008	0.010	0.008	-0.001	0.003	-0.002	0.002
Median Home Value (10 thsd)	0.005	0.008	0.004	0.007	0.006 **	0.003	-0.006 **	0.002
Constant	-1.737 †	1.281	7.941 **	1.199	0.498	0.557	0.552 *	0.309
	Selection Equation Any Bond on Ballot		Selection Equation Any Bond on Ballot		Selection Equation Any Bond on Ballot		Selection Equation Any Bond on Ballot	
Diversity	-0.307 **	0.094	-0.306 **	0.094	-0.303 **	0.094	-0.304 **	0.094
Inequality Log	-0.501 **	0.153	-0.504 **	0.153	-0.498 **	0.154	-0.497 **	0.153
Population Log	0.302 **	0.012	0.301 **	0.012	0.303 **	0.012	0.303 **	0.012
1 yr Change Population (thsd)	0.006	0.005	0.006	0.005	0.006	0.005	0.006	0.005
% College Degree	1.03 **	0.218	1.031 **	0.218	1.03 **	0.218	1.029 **	0.217
Taxes Per Cap	0.008 **	0.002	0.008 **	0.002	0.009 **	0.002	0.009 **	0.002
Income Per Cap (thsd)	0.007 **	0.003	0.007 **	0.003	0.007 **	0.003	0.007 **	0.003
Median Home Value (10 thsd)	-0.003 †	0.002	-0.003 †	0.002	-0.004 †	0.002	-0.004 †	0.002
Council Manager	0.032	0.038	0.033	0.038	0.029	0.039	0.029	0.038
Revenue Shortfall (mill)	0.114 **	0.045	0.099 *	0.052	0.108 **	0.048	0.111 **	0.045
Average Debt Cost	0.015 **	0.005	0.015 **	0.005	0.015 **	0.006	0.015 **	0.005
% Revenue Intergovernmental	-0.207 *	0.121	-0.206 *	0.119	-0.208 *	0.124	-0.203 *	0.120
Home Rule	0.03	0.033	0.031	0.033	0.03	0.034	0.031	0.033
Total Services	0.019 **	0.010	0.02 **	0.009	0.02 **	0.010	0.02 **	0.010
District Council	-0.013	0.033	-0.011	0.033	-0.012	0.032	-0.013	0.032
Constant	-5.214 **	0.193	-5.204 **	0.195	-5.226 **	0.193	-5.226 **	0.193
ρ	0.020	0.246	0.181	0.225	0.044	0.245	0.055	0.139
N	207,485		207,485		207,488		207,488	
Censored Observations	1,305		1,305		1,308		1,308	

Note: † $p < .10$ one-tailed, * $p < 0.10$, ** $p < 0.05$; Heckman regressions; Robust standard errors clustered by city. All state fixed effects are included in the selection equations. In the outcome equations state fixed effects are included if they provide to be significant at the $p < .10$ level in one-tailed tests in the conditional models presented in the paper. This was done to increase efficiency of the models and ensure convergence.

Figure A1: GO Bond Targets: 1991-2006

