

TABLE A2

Predictors of within-district spending progressivity ratios for school board sample

School board characteristics	(1)	(2)	(3)	(4)	(5)
Appointed (omitted: elected)	-0.02619		0.00488		-0.00187
	(0.02230)		(0.02372)		(0.02266)
Off-cycle (omitted: on-cycle)	0.00458		0.00351		0.00257
	(0.01166)		(0.00507)		(0.00886)
At-large (omitted: by ward)	-0.03322*		-0.01267*		-0.00146
	(0.01373)		(0.00568)		(0.00748)
At-large & by ward (omitted: by ward)	-0.03809**		-0.01288		0.00550
	(0.01456)		(0.00819)		(0.01449)
Locale					
Suburb	-0.02693*	-0.00979	-0.00889	-0.01048	-0.01037
	(0.01164)	(0.00692)	(0.00698)	(0.01022)	(0.00927)
Rural	-0.03666***	-0.00857	-0.01072	-0.00450	-0.00611
	(0.01083)	(0.00806)	(0.00847)	(0.01184)	(0.01221)
Town	-0.03719**	-0.00393	-0.00402	-0.00757	-0.00871
	(0.01172)	(0.00259)	(0.00782)	(0.00993)	(0.01152)
Politics (community)					
% Voted for Biden in 2020	0.00090*	-0.00001	0.00036	0.00039	0.00045*
	(0.00035)	(0.00017)	(0.00019)	(0.00020)	(0.00020)
Enrollment characteristics (district)					
% Black	-0.00016	-0.00015	-0.00052	-0.00058	-0.00060
	(0.00028)	(0.00021)	(0.00027)	(0.00035)	(0.00033)
% Hispanic	0.00035	-0.00002	-0.00021	-0.00029	-0.00029
	(0.00043)	(0.00015)	(0.00024)	-0.00011	(0.00024)

% White	-0.00029	-0.00007	0.00001	-0.00011	-0.00005
	(0.00023)	(0.00025)	(0.00024)	(0.00028)	(0.00026)
% Special education	0.00227	0.00020	0.00019	0.00024	0.00040
	(0.00225)	(0.00060)	(0.00060)	(0.00081)	(0.00089)
Enrollment (log)	0.02235***	0.01843***	0.01640***	0.01661***	0.01694***
	(0.00552)	(0.00347)	(0.00364)	(0.00451)	(0.00445)
Segregation by family income (district)					
50th-95th percentile by info. theory index	-0.10356***	-0.08789***	-0.07932***	-0.04456**	-0.04704***
	(0.01392)	(0.01061)	(0.00946)	(0.01320)	(0.00916)
Bottom 50% by info. theory index	-0.13098***	-0.09235***	-0.08415***	-0.05303***	-0.05572***
	(0.01322)	(0.01086)	(0.01001)	(0.01077)	(0.00923)
Missing info. theory index	-0.12780***	-0.08105***	-0.07456***	-0.04232**	-0.04380**
	(0.01731)	(0.01340)	(0.01222)	(0.01409)	(0.01407)
Income (community)					
Median income (log)	0.02478	0.01515	0.01802	0.00577	0.00774
	(0.01258)	(0.01494)	(0.01561)	(0.01976)	(0.02117)
% SNAP	-0.00075	0.00042	0.00063	0.00041	0.00069
	(0.00066)	(0.00052)	(0.00057)	(0.00077)	(0.00074)
Gini coefficient	0.00142	-0.00169	-0.00184	-0.00153	-0.00160
	(0.00193)	(0.00103)	(0.00107)	(0.00135)	(0.00149)
Bivariate	Yes	No	No	No	No
State fixed effects	No	No	No	Yes	Yes
Observations	290	290	290	290	290

Note: Table shows regression estimates. Dependent variable is within-district progressivity ratio. Standard errors in parentheses. Locale and segregation categories are binary variables with city (locale) and top 5% of information theory index (segregation) omitted. Percentage variables and Gini coefficient are between 0 and 100. *p<0.05 **p<0.01 ***p<0.001

Source: Authors' calculations using Edunomics Lab's NERD\$ database, NCE's Common Core of Data, MIT Election Lab's 2020 presidential results, U.S. Census Bureau's ACS 5-year estimates, the Stanford Education Data Archive, and school board data collected from district websites and state/county election results.