

Title

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Abstract:

1 Introduction

2 Context and Data

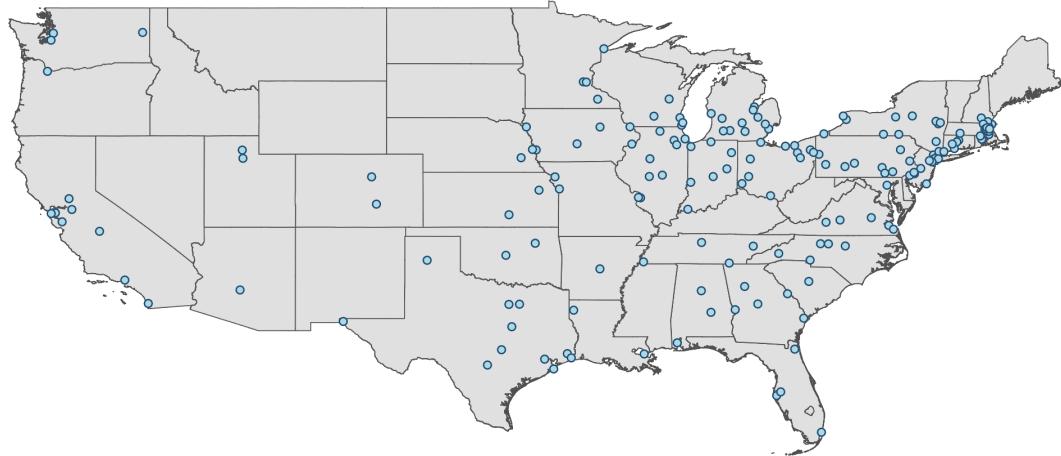


Figure 1: Locations of cities included in our study

	count	mean	sd	min	max
Grade A share	6026	.0513	.181	0	1
Grade B share	6026	.202	.335	0	1
Grade C share	6026	.454	.421	0	1
Grade D share	6026	.278	.401	0	1
Dem share	6026	.791	.149	.0415	.979
Median age	6026	36.1	6.49	10.9	72.4
M-F ratio	6026	95.9	20.3	34.7	410
Less HS share	6026	.162	.118	0	.646
HS share	6026	.251	.118	0	.715
Some college share	6026	.259	.0947	.0181	.869
Bachelor's share	6026	.328	.232	.00733	.944
White share	6026	.399	.289	.00122	.955
Black share	6026	.269	.301	0	.976
Asian share	6026	.0888	.132	0	.911
Observations	6026				

Table 1: Summary statistics of census tracts with more than 90% of area in HOLC maps

3 Regression Analysis

$$\hat{dem_share}_i = \hat{\beta}_0 + \hat{\beta}_1 d.share_i + u_i$$

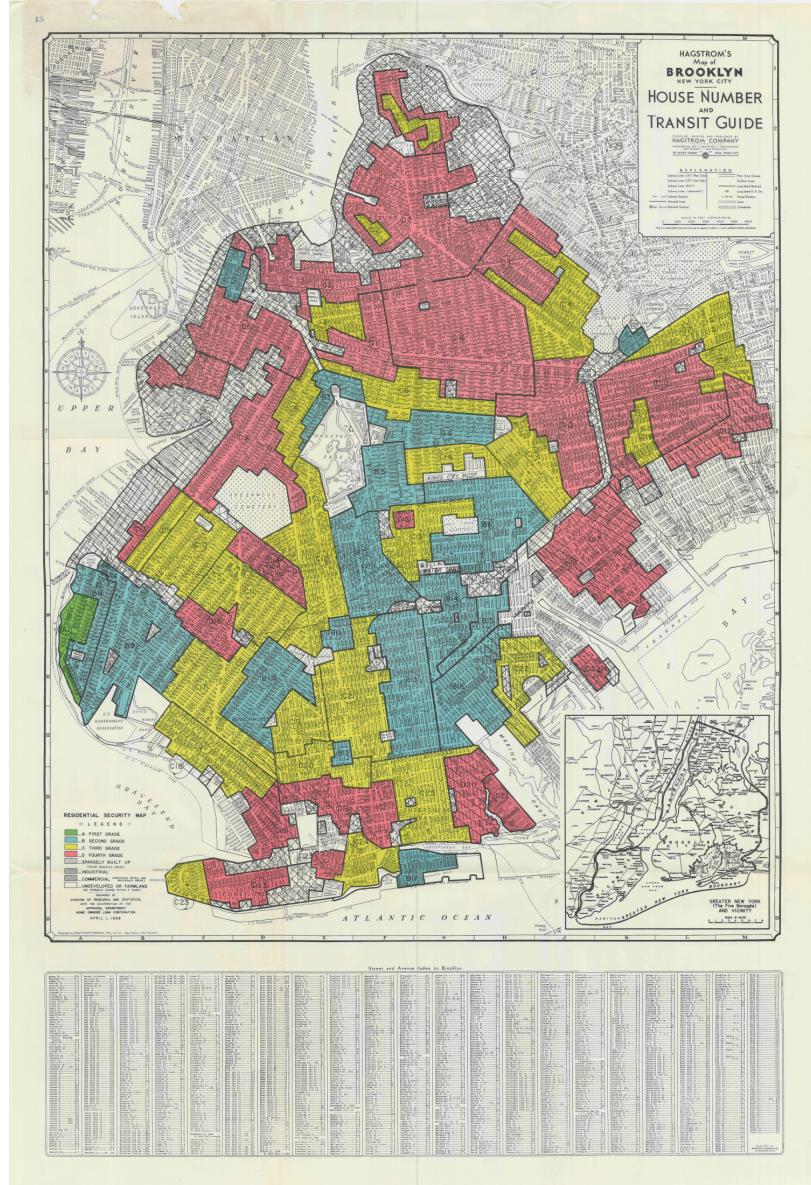


Figure 2: a

4 Multiple Linear Regression

5 Limitations of Results

6 Conclusion

7 Appendix

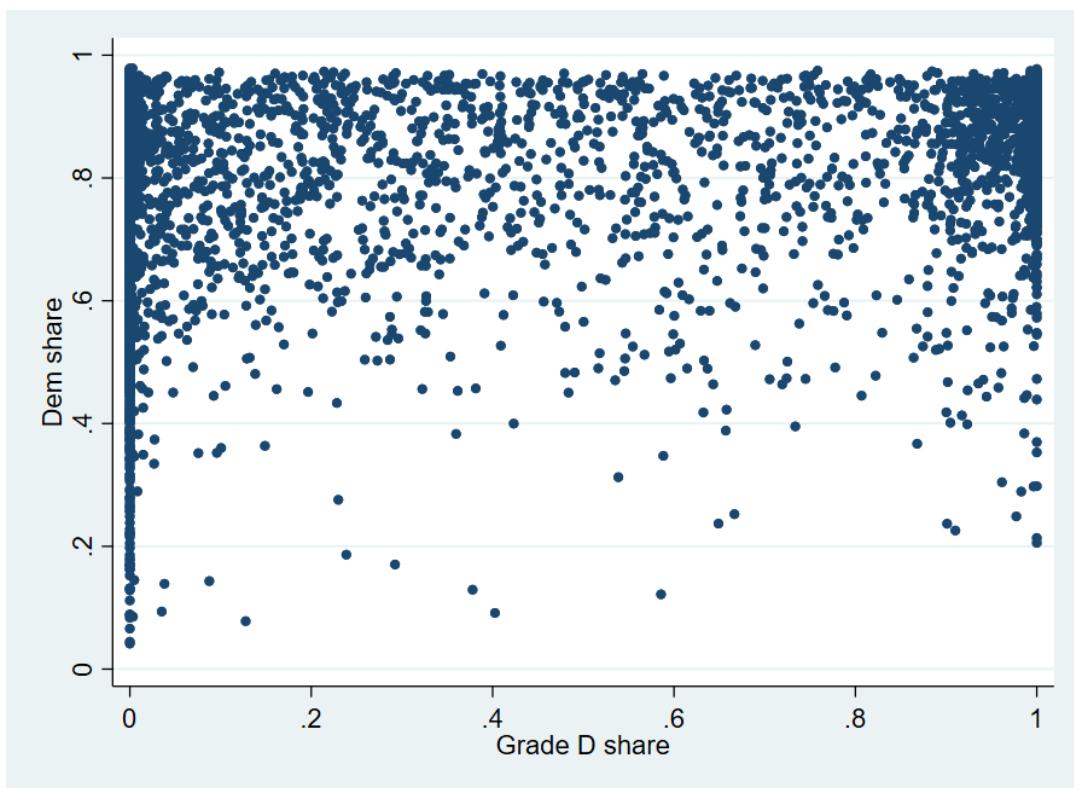


Figure 3: Scatterplot of Democrat vote share on Grade D percentage

	(1) Dem share	(2) Dem share	(3) Dem share	(4) Dem share	(5) Dem share	(6) Dem share
Grade D share	0.0739*** (0.00414)	0.0804*** (0.0179)	0.516*** (0.0774)	0.0312* (0.0182)	0.114*** (0.0384)	0.0786* (0.0445)
Grade C share		0.0222* (0.0114)	0.205*** (0.0551)	0.0154 (0.00953)	0.123*** (0.0370)	
Grade D squared			-1.228*** (0.201)		-0.251** (0.107)	-0.132 (0.0966)
Grade D cubed			0.803*** (0.138)		0.172** (0.0717)	0.0747 (0.0645)
Grade C squared			-0.604*** (0.120)		-0.291*** (0.0684)	
Grade C cubed			0.428*** (0.0801)		0.187*** (0.0438)	
Median income ('000s)				-0.0000227 (0.000262)	-0.0000156 (0.000264)	-0.0000539 (0.000249)
Median age				-0.00182*** (0.000551)	-0.00181*** (0.000550)	-0.00190*** (0.000524)
M-F ratio				0.000125 (0.000126)	0.000123 (0.000126)	0.000133 (0.000126)
HS share				-0.116*** (0.0370)	-0.117*** (0.0370)	-0.115*** (0.0370)
Some college share				0.0849 (0.0829)	0.0856 (0.0824)	0.0787 (0.0802)
Bachelor's share				0.463*** (0.115)	0.461*** (0.115)	0.459*** (0.114)
White share				-0.529*** (0.149)	-0.527*** (0.149)	-0.528*** (0.149)
Black share				0.0556 (0.0674)	0.0562 (0.0675)	0.0557 (0.0681)
Asian share				-0.327*** (0.0626)	-0.326*** (0.0626)	-0.326*** (0.0618)
Constant	0.770*** (0.00241)	0.651*** (0.00560)	0.643*** (0.00712)	0.973*** (0.0462)	0.966*** (0.0455)	0.985*** (0.0529)
City fixed effects	No	Yes	Yes	Yes	Yes	Yes
Clustered SE	No	City	City	City	City	City
Clusters		166	166	166	166	166
F-stat on city fixed effects		237.2	524.8	1389.3	200.0	1350.1
Observations	6026	6026	6026	6026	6026	6026
Adjusted R ²	0.0395	0.263	0.268	0.742	0.742	0.741

Standard errors in parentheses

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Table 2: Multiple linear regression results