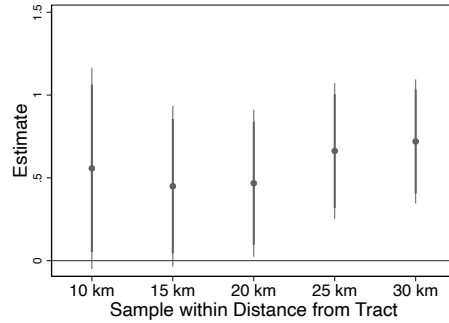


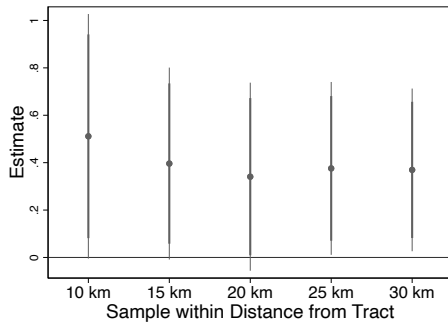
Online Appendix for “Foundations of a New Democracy: Schooling, Inequality, and Voting in the Early Republic”

A Robustness Test: Bandwidth Size

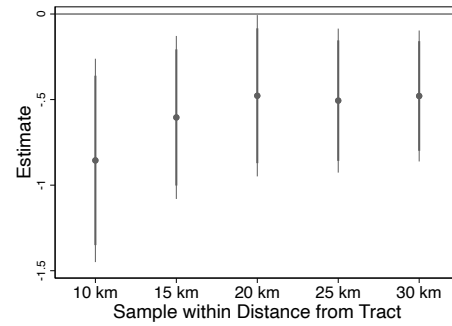
To demonstrate that our results are not dependent on a specific bandwidth size, we ran the main analysis using smaller bandwidths. Figure [A.1](#) illustrates the results of these efforts, showing results with bandwidths of 10 km, 15 km, 20 km, 25 km, and 30 km. Encouragingly, the signs and magnitudes of our coefficients remain similar at smaller bandwidths, albeit in a few cases with slightly larger confidence intervals that are most likely attributable to a reduction in sample size. The only result that is less stable is the estimate for support for African American suffrage. For this result, as the bandwidth decreases, the estimate becomes negative, implying that populations in towns inside the Military Tract were less likely to support African American suffrage.



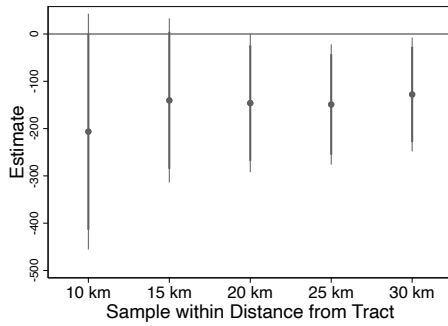
(a) Length of School Year



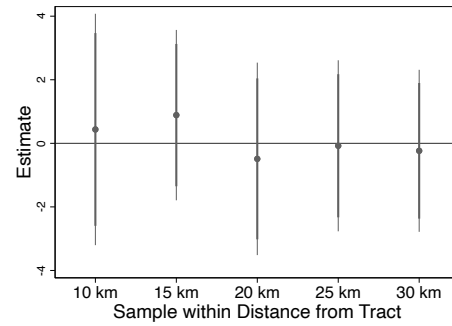
(b) Earnings



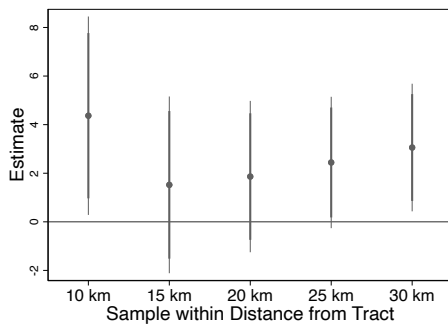
(c) Earnings Inequality



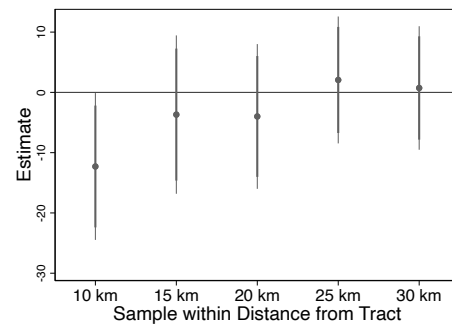
(d) Wealth



(e) Wealth Inequality



(f) Turnout



(g) Support for African American Suffrage

Figure A.1: Robustness test of estimate sensitivity to bandwidth size. The thicker bars indicate the 90 percent confidence interval, and the narrower bars indicate the 95 percent confidence interval.

B Robustness Test: Matching

For these results, we try to match towns within the tract to their optimal distance matches outside the tract to test if our results are robust to excluding towns that had no optimal distance matches. Optimal distance matching is more computationally intensive than the “greedy” nearest neighbor matching algorithm, as it allows matches to be replaced if the new match decreases the total distance for all matches made (Ho et al., 2011). As can be seen in Tables A.1, A.2, A.3, and A.4 our estimates are stable and remain statistically significant. Following Keele, Titiunik and Zubizarreta (2015) and Keele and Titiunik (2015) we match on distance as well as covariates, ie. elevation, maize suitability, and wheat suitability.

Table A.1: Relationship between tract and public schooling intensive and extensive investments for towns within a 30 km distance from the tract for matched towns.

Specification	Length of School Year (Months)			Number of Schools		
	OLS	Geographic RD	IV: Second Stage	OLS	Geographic RD	IV: Second Stage
Total School Funds	0.181*** (0.03)		0.309*** (0.07)	2.048*** (0.25)		1.266*** (0.45)
In Tract		0.778*** (0.19)			3.186* (1.68)	
Elevation	0.0001 (0.0003)	0.0002 (0.0003)	-0.0002 (0.0004)	-0.0012 (0.0020)	0.0018 (0.0033)	0.0004 (0.0022)
Maize Suitability	0.0001 (0.0003)	-0.0003 (0.0003)	0.0001 (0.0004)	-0.0031 (0.0021)	-0.0045 (0.0033)	-0.0029 (0.0022)
Wheat Suitability	0.0005 (0.0004)	0.0010** (0.0004)	0.0002 (0.0005)	0.0001 (0.0023)	0.0053 (0.0040)	0.0019 (0.0029)
Latitude	-0.8878 (0.7177)	-1.4485* (0.7695)	-0.7451 (0.6748)	-1.8584 (3.0211)	-5.6112 (4.6361)	-2.7313 (3.2134)
Longitude	-0.5934 (0.4475)	-0.6925 (0.4562)	-0.8638* (0.4728)	-1.9505 (2.7535)	0.4047 (4.6832)	-0.2966 (3.2021)
Border Fixed Effect 1	-0.0025 (0.4366)	-0.2931 (0.4233)	0.2575 (0.4814)	4.7348* (2.6509)	0.8905 (4.0051)	3.1449 (3.0196)
Border Fixed Effect 2	0.3117 (0.4305)	0.6097 (0.4811)	0.2593 (0.4261)	3.8219 (2.3866)	5.5772 (3.5469)	4.1426* (2.2656)
Border Fixed Effect 3	0.5965 (0.5184)	0.9551 (0.5822)	0.5932 (0.5168)	2.9126 (2.7855)	4.4150 (4.1953)	2.9330 (2.7942)
Constant	-6.8256 (42.2635)	8.8479 (41.9200)	-30.7740 (42.6904)	-34.1323 (236.5974)	274.5655 (374.7357)	112.3362 (269.3950)
Geographic Controls Included	Yes	Yes	Yes	Yes	Yes	Yes
Border Segment Fixed Effects	Yes	Yes	Yes	Yes	Yes	Yes
Observations	94	94	94	94	94	94

Notes: * $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$. Robust standard errors are reported in parentheses.

Table A.2: Relationship between tract and income for matched towns.

Specification	Earnings			Earnings Inequality		
	OLS	Geographic RD	IV: Second Stage	OLS	Geographic RD	IV: Second Stage
Total School Funds	0.119*** (0.03)		0.129** (0.06)	-0.074** (0.04)		-0.132* (0.08)
In Tract		0.324* (0.17)			-0.333* (0.19)	
Elevation	-0.0004 (0.0003)	-0.0003 (0.0004)	-0.0004 (0.0003)	-0.0008* (0.0005)	-0.0008* (0.0005)	-0.0007 (0.0005)
Maize Suitability	0.0006* (0.0003)	0.0004 (0.0004)	0.0006** (0.0003)	-0.0008** (0.0004)	-0.0007 (0.0004)	-0.0008** (0.0004)
Wheat Suitability	0.0003 (0.0004)	0.0006* (0.0003)	0.0003 (0.0004)	-0.0001 (0.0005)	-0.0003 (0.0004)	0.0000 (0.0005)
Latitude	-1.0721* (0.5838)	-1.3542** (0.6136)	-1.0612* (0.5563)	0.5425 (0.5681)	0.7782 (0.5827)	0.4771 (0.5598)
Longitude	0.3124 (0.4506)	0.3629 (0.4708)	0.2916 (0.3900)	-0.8078* (0.4782)	-0.7572 (0.4818)	-0.6838 (0.4551)
Border Fixed Effect 1	0.4395 (0.3433)	0.2301 (0.3335)	0.4595 (0.3040)	-0.3479 (0.3918)	-0.2314 (0.3693)	-0.4671 (0.3958)
Border Fixed Effect 2	0.6232 (0.4675)	0.7651 (0.5263)	0.6191 (0.4375)	-0.8009* (0.4166)	-0.9268** (0.4523)	-0.7768** (0.3887)
Border Fixed Effect 3	0.6741 (0.4665)	0.8247 (0.5016)	0.6739 (0.4421)	-0.1006 (0.4579)	-0.2540 (0.4633)	-0.0990 (0.4387)
Constant	59.8714 (38.0014)	74.5375* (38.6145)	58.0287* (33.4645)	-73.7900* (39.0446)	-79.7718** (38.6574)	-62.8088 (38.4338)
Geographic Controls Included	Yes	Yes	Yes	Yes	Yes	Yes
Border Segment Fixed Effects	Yes	Yes	Yes	Yes	Yes	Yes
Observations	94	94	94	94	94	94

Notes: * $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$. Robust standard errors are reported in parentheses.

Table A.3: Relationship between tract and wealth for matched towns.

Specification	Wealth			Wealth Inequality		
	OLS	Geographic RD	IV: Second Stage	OLS	Geographic RD	IV: Second Stage
Total School Funds	-34.154*** (10.59)		-48.816** (23.33)	0.064 (0.18)		-0.042 (0.51)
In Tract		-122.869* (61.88)			-0.105 (1.35)	
Elevation	0.2474** (0.1205)	0.2223* (0.1218)	0.2771** (0.1186)	-0.0027 (0.0033)	-0.0026 (0.0033)	-0.0025 (0.0035)
Maize Suitability	-0.1847* (0.0952)	-0.1196 (0.1021)	-0.1803** (0.0914)	-0.0017 (0.0022)	-0.0016 (0.0023)	-0.0017 (0.0021)
Wheat Suitability	-0.3115** (0.1545)	-0.4094** (0.1615)	-0.2789* (0.1564)	0.0057 (0.0041)	0.0058 (0.0038)	0.0059 (0.0043)
Latitude	345.5228* (192.8335)	440.2495** (199.0653)	329.1705* (189.3105)	-4.6566 (2.8169)	-4.6794 (2.9410)	-4.7746* (2.7512)
Longitude	-218.0766 (142.9267)	-214.1454 (136.9348)	-187.0943 (131.0493)	4.4142 (3.5767)	4.6146 (3.7479)	4.6378 (3.6802)
Border Fixed Effect 1	-175.4847 (126.1738)	-118.3153 (125.1466)	-205.2689* (115.7958)	-4.7465** (2.2784)	-4.8869** (2.2038)	-4.9615** (2.3703)
Border Fixed Effect 2	-184.7571 (139.8832)	-234.0846 (149.7739)	-178.7496 (134.7083)	2.3416 (2.6832)	2.3375 (2.6115)	2.3849 (2.5902)
Border Fixed Effect 3	-317.0357* (164.3879)	-373.8136** (159.9527)	-316.6532** (160.6877)	1.4018 (3.6027)	1.3556 (3.4927)	1.4046 (3.4243)
Constant	-25819.7742** (11311.3227)	- (10940.0197)	-23076.0146** (10905.3753)	513.3781** (228.9641)	527.8113** (228.7404)	533.1769** (245.5598)
Geographic Controls Included	Yes	Yes	Yes	Yes	Yes	Yes
Border Segment Fixed Effects	Yes	Yes	Yes	Yes	Yes	Yes
Observations	94	94	94	94	94	94

Notes: * $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$. Robust standard errors are reported in parentheses.

Table A.4: Relationship between tract and political outcomes for matched towns.

Specification	Turnout			AA Suffrage Support		
	OLS	Geographic RD	IV: Second Stage	OLS	Geographic RD	IV: Second Stage
Total School Funds	0.499** (0.19)		1.330** (0.56)	0.804 (0.91)		0.498 (2.00)
In Tract		3.349** (1.27)			1.220 (5.33)	
Elevation	0.0015 (0.0028)	0.0013 (0.0030)	-0.0002 (0.0028)	0.0060 (0.0109)	0.0054 (0.0107)	0.0057 (0.0102)
Maize Suitability	0.0031 (0.0029)	0.0012 (0.0028)	0.0028 (0.0030)	-0.0140 (0.0097)	-0.0160 (0.0098)	-0.0145 (0.0099)
Wheat Suitability	0.0005 (0.0034)	0.0022 (0.0031)	-0.0014 (0.0036)	0.0020 (0.0103)	0.0036 (0.0102)	0.0024 (0.0103)
Latitude	-5.2322 (5.0381)	-7.3323 (4.8454)	-4.3049 (5.2322)	42.2750*** (15.4450)	39.4435** (16.1116)	41.4467*** (14.7332)
Longitude	-5.8918* (3.3277)	-6.9113** (3.3460)	-7.6486** (3.6483)	-11.3017 (9.8812)	-12.4189 (11.1314)	-11.4618 (9.0925)
Border Fixed Effect 1	4.8984 (4.0335)	4.2175 (3.8461)	6.5874 (4.2848)	15.0044 (11.6336)	13.6400 (11.8206)	14.3871 (11.7990)
Border Fixed Effect 2	5.0578 (3.1372)	6.2253** (2.8913)	4.7172 (3.3810)	-7.4917 (8.4871)	-7.0161 (8.6548)	-7.5167 (7.7950)
Border Fixed Effect 3	9.5234** (4.2450)	11.0596*** (3.8276)	9.5017** (4.3371)	3.5872 (13.7094)	4.8630 (16.7783)	3.5023 (12.8358)
Constant	-191.4807 (258.7219)	-176.5281 (262.1065)	-347.0652 (300.4632)	-2526.8914*** (856.7886)	-2483.2787*** (891.3828)	-2501.1719*** (827.9672)
Geographic Controls Included	Yes	Yes	Yes	Yes	Yes	Yes
Border Segment Fixed Effects	Yes	Yes	Yes	Yes	Yes	Yes
Observations	94	94	94	70	70	70

Notes: * $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$. Robust standard errors are reported in parentheses.

C Robustness Test: Excluding Subset of Sample Too Old to be Affected by School Funding

We test for whether our results hold if we exclude the portion of the sample who could not have benefited from the Military Tract school funding. This includes people who were born before 1777, as they would have turned 12 by 1789, which is when the funding was allocated. This robustness test is only possible for the outcomes that we measure at the individual level, which are earnings and wealth.

Table A.5: Relationship between tract and income when we restrict the sample to those born after 1777.

Specification	Earnings			Earnings Inequality		
	OLS	Geographic RD	IV Estimate	OLS	Geographic RD	IV Estimate
Public Funds	0.11*** (0.03)		0.14* (0.07)	-0.05 (0.04)		-0.17* (0.09)
In Tract		0.31* (0.18)			-0.38* (0.20)	
Elevation	-0.0003 (0.0002)	-0.0001 (0.0003)	-0.0004 (0.0003)	-0.0007** (0.0003)	-0.0008** (0.0003)	-0.0005 (0.0004)
Maize Suitability	0.0000 (0.0001)	-0.0000 (0.0001)	0.0000 (0.0001)	0.0001 (0.0001)	0.0002 (0.0001)	0.0001 (0.0002)
Wheat Suitability	0.0005 (0.0003)	0.0008** (0.0003)	0.0005 (0.0004)	-0.0006 (0.0004)	-0.0007** (0.0004)	-0.0003 (0.0005)
Latitude	-0.8617** (0.4176)	-1.0387** (0.4273)	-0.8352** (0.4057)	0.4585 (0.4450)	0.5973 (0.4383)	0.3491 (0.4622)
Longitude	-0.0464 (0.3141)	0.0409 (0.2946)	-0.1088 (0.2687)	-0.0768 (0.3493)	-0.0016 (0.3319)	0.1810 (0.3592)
Border Fixed Effect 1	0.3245 (0.3121)	0.1778 (0.2984)	0.3781 (0.2820)	-0.2529 (0.3845)	-0.2302 (0.3567)	-0.4744 (0.4018)
Border Fixed Effect 2	0.7010* (0.3683)	0.8232** (0.3962)	0.6825** (0.3471)	-0.8654** (0.3716)	-0.9608** (0.3839)	-0.7892** (0.3696)
Border Fixed Effect 3	0.5910 (0.3977)	0.6882* (0.4146)	0.5977 (0.3795)	-0.0929 (0.4354)	-0.2311 (0.4329)	-0.1206 (0.4161)
Constant	27.4440 (31.0306)	39.8575 (30.0614)	22.1941 (27.5822)	-19.3827 (35.9599)	-19.2441 (34.6648)	2.3020 (37.8794)
Geographic Controls Included	Yes	Yes	Yes	Yes	Yes	Yes
Border Segment Fixed Effects	Yes	Yes	Yes	Yes	Yes	Yes
Observations	127	127	127	127	127	127
F-Statistic			19.37			19.37

Notes: * $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$. Robust standard errors are reported in parentheses.

Table A.6: Relationship between tract and wealth when we restrict the sample to those born after 1777.

Specification	Wealth			Wealth Inequality		
	OLS	Geographic RD	IV Estimate	OLS	Geographic RD	IV Estimate
Public Funds	-32.28*** (10.61)		-56.23** (25.71)	0.07 (0.17)		-0.25 (0.55)
In Tract		-129.46** (61.32)			-0.57 (1.29)	
Elevation	0.2650*** (0.0998)	0.2253** (0.0990)	0.3219*** (0.1108)	-0.0021 (0.0025)	-0.0018 (0.0025)	-0.0014 (0.0031)
Maize Suitability	0.0476 (0.0437)	0.0757 (0.0471)	0.0609 (0.0423)	-0.0010 (0.0007)	-0.0008 (0.0008)	-0.0008 (0.0007)
Wheat Suitability	-0.2640** (0.1278)	-0.3421*** (0.1283)	-0.2134 (0.1433)	0.0055* (0.0033)	0.0056* (0.0031)	0.0062* (0.0037)
Latitude	293.7964* (155.6835)	354.3201** (155.4192)	270.4496* (155.8595)	-5.6701** (2.3120)	-5.6106** (2.3168)	-5.9812** (2.4071)
Longitude	-121.4331 (105.7167)	-128.0849 (95.7885)	-66.3905 (103.1961)	2.9033 (2.6187)	3.3643 (2.5545)	3.6368 (2.7041)
Border Fixed Effect 1	-101.4810 (116.9413)	-66.2390 (112.8029)	-148.7849 (113.8123)	-2.7291 (2.1898)	-2.9948 (2.0911)	-3.3595 (2.1890)
Border Fixed Effect 2	-193.6587* (115.2875)	-235.3786* (119.4262)	-177.3882 (115.1281)	2.6604 (2.4538)	2.6211 (2.4232)	2.8773 (2.4856)
Border Fixed Effect 3	-252.2579* (132.1470)	-295.5141** (127.6935)	-258.1826* (132.0033)	2.7220 (3.3844)	2.4781 (3.2045)	2.6430 (3.2221)
Constant	-19128.4176* (10918.4307)	-21778.9281** (10319.0022)	-14498.4784 (10852.1336)	435.0646** (182.2025)	464.5985*** (174.0003)	496.7630** (197.3839)
Geographic Controls Included	Yes	Yes	Yes	Yes	Yes	Yes
Border Segment Fixed Effects	Yes	Yes	Yes	Yes	Yes	Yes
Observations	127	127	127	127	127	127
F-Statistic			19.37			19.37

Notes: * $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$. Robust standard errors are reported in parentheses.

D Robustness Test: Location Specific Tests

D.1 Controlling for Distance to Erie Canal

The Erie Canal, which was completed in 1825, was a major thoroughfare that helped to transform the economy of New York State. Any effect of the canal on the outcomes we investigate will be at least in part controlled for by our inclusion of geographic coordinates as well as border segment fixed effects. As a further test, we repeated all of our estimates while using the log distance to the Erie Canal as an additional control variable.

Table A.7: Relationship between tract and public schooling investments when we include a control for the log distance to the Erie Canal.

Specification	Length of School Year (Months)			Number of Schools		
	OLS	Geographic RD	IV: Second Stage	OLS	Geographic RD	IV: Second Stage
Total School Funds	0.18*** (0.03)		0.32*** (0.09)	2.14*** (0.26)		1.08* (0.56)
In Tract		0.68*** (0.19)			2.25 (1.63)	
Log Distance to Erie Canal	-0.12 (0.12)	-0.17 (0.13)	-0.02 (0.12)	0.44 (0.75)	-0.87 (1.00)	-0.35 (0.84)
Border Fixed Effect 1	0.21 (0.36)	-0.09 (0.31)	0.58 (0.45)	4.05* (2.17)	-0.92 (3.48)	1.32 (2.96)
Border Fixed Effect 2	0.24 (0.38)	0.42 (0.42)	0.26 (0.39)	3.96* (2.25)	4.32 (2.99)	3.81* (2.16)
Border Fixed Effect 3	0.33 (0.48)	0.47 (0.50)	0.53 (0.47)	3.90 (2.46)	2.27 (3.52)	2.47 (2.65)
Elevation	0.00 (0.00)	0.00 (0.00)	-0.00 (0.00)	-0.00 (0.00)	0.00 (0.00)	0.00 (0.00)
Maize Suitability	-0.00 (0.00)	-0.00 (0.00)	-0.00 (0.00)	0.00 (0.00)	0.00 (0.00)	0.00 (0.00)
Wheat Suitability	0.00** (0.00)	0.00*** (0.00)	0.00 (0.00)	-0.00 (0.00)	0.00 (0.00)	-0.00 (0.00)
Latitude	-0.74 (0.53)	-1.12* (0.57)	-0.53 (0.53)	-2.55 (2.46)	-6.06* (3.52)	-4.10 (2.89)
Longitude	-0.44 (0.31)	-0.36 (0.31)	-0.81** (0.37)	-0.65 (1.78)	3.55 (2.90)	2.04 (2.47)
Constant	-4.34 (33.53)	16.39 (31.60)	-38.62 (38.35)	81.69 (194.78)	515.09* (303.41)	331.86 (260.15)
Geographic Controls Included	Yes	Yes	Yes	Yes	Yes	Yes
Border Segment Fixed Effects	Yes	Yes	Yes	Yes	Yes	Yes
Observations	128	128	128	128	128	128
F-statistic			16.70			16.70

Notes: * $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$. Robust standard errors are reported in parentheses.

Table A.8: Relationship between tract and income when we include a control for the log distance to the Erie Canal.

Specification	Earnings			Earnings Inequality			
	OLS	Geographic RD	IV Estimate	OLS	Geographic RD	IV Estimate	Estimate
Total School Funds	0.11*** (0.03)		0.15* (0.08)	-0.06 (0.04)			-0.21** (0.10)
In Tract		0.33* (0.18)			-0.45** (0.20)		
Log Distance to Erie Canal	-0.13 (0.14)	-0.17 (0.15)	-0.10 (0.15)	0.12 (0.15)	0.11 (0.15)	0.01 (0.18)	
Border Fixed Effect 1	0.24 (0.31)	0.07 (0.29)	0.33 (0.29)	-0.13 (0.37)	-0.11 (0.34)	-0.46 (0.45)	
Border Fixed Effect 2	0.56 (0.43)	0.63 (0.47)	0.56 (0.41)	-0.73* (0.39)	-0.86** (0.41)	-0.76** (0.38)	
Border Fixed Effect 3	0.42 (0.41)	0.46 (0.45)	0.46 (0.40)	0.07 (0.44)	-0.11 (0.45)	-0.12 (0.45)	
Elevation	-0.00 (0.00)	-0.00 (0.00)	-0.00 (0.00)	-0.00** (0.00)	-0.00** (0.00)	-0.00 (0.00)	
Maize Suitability	0.00 (0.00)	-0.00 (0.00)	0.00 (0.00)	0.00 (0.00)	0.00 (0.00)	0.00 (0.00)	
Wheat Suitability	0.00 (0.00)	0.00** (0.00)	0.00 (0.00)	-0.00 (0.00)	-0.00 (0.00)	-0.00 (0.00)	
Latitude	-0.95** (0.41)	-1.16*** (0.42)	-0.90** (0.41)	0.59 (0.45)	0.75* (0.45)	0.40 (0.50)	
Longitude	0.06 (0.30)	0.16 (0.29)	-0.03 (0.26)	-0.23 (0.33)	-0.13 (0.33)	0.13 (0.39)	
Constant	40.35 (30.59)	55.18* (29.93)	32.34 (28.23)	-38.06 (36.17)	-37.43 (35.59)	-5.76 (42.81)	
Geographic Controls Included	Yes	Yes	Yes	Yes	Yes	Yes	
Border Segment Fixed Effects	Yes	Yes	Yes	Yes	Yes	Yes	
Observations	127	127	127	127	127	127	
F-statistic			17.85			17.85	

Notes: * $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$. Robust standard errors are reported in parentheses.

Table A.9: Relationship between tract and wealth when we include a control for the log distance to the Erie Canal.

Specification	Wealth			Wealth Inequality		
	OLS	Geographic RD	IV Estimate	OLS	Geographic RD	IV Estimate
Total School Funds	-32.38*** (10.92)		-58.98** (28.02)	0.04 (0.19)		-0.25 (0.58)
In Tract		-128.75** (63.38)			-0.55 (1.31)	
Log Distance to Erie Canal	-11.21 (45.37)	-3.42 (46.45)	-30.70 (47.85)	-1.13 (0.83)	-1.23 (0.80)	-1.35 (0.89)
Border Fixed Effect 1	-121.32 (120.70)	-81.98 (115.82)	-183.20 (122.25)	-3.24 (2.43)	-3.50 (2.26)	-3.93 (2.49)
Border Fixed Effect 2	-203.86 (129.32)	-236.73* (138.65)	-207.86 (127.29)	1.28 (2.76)	1.11 (2.72)	1.24 (2.68)
Border Fixed Effect 3	-265.07* (151.30)	-297.07* (152.28)	-299.07** (148.14)	1.34 (3.79)	0.97 (3.54)	0.96 (3.46)
Elevation	0.26** (0.10)	0.21** (0.10)	0.32*** (0.12)	-0.00 (0.00)	-0.00 (0.00)	-0.00 (0.00)
Maize Suitability	0.04 (0.05)	0.07 (0.05)	0.05 (0.05)	-0.00* (0.00)	-0.00 (0.00)	-0.00* (0.00)
Wheat Suitability	-0.27** (0.13)	-0.35*** (0.13)	-0.22 (0.15)	0.01 (0.00)	0.01 (0.00)	0.01 (0.00)
Latitude	268.20* (152.33)	332.96** (150.69)	231.54 (156.22)	-6.00*** (2.25)	-5.97*** (2.24)	-6.41*** (2.45)
Longitude	-123.38 (107.15)	-132.65 (99.38)	-57.26 (110.71)	2.70 (2.82)	3.12 (2.74)	3.45 (2.98)
Constant	-18001.88 (10861.07)	-21035.24** (10288.29)	-12003.28 (11375.83)	439.48** (207.42)	467.88** (196.50)	506.74** (233.90)
Geographic Controls Included	Yes	Yes	Yes	Yes	Yes	Yes
Border Segment Fixed Effects	Yes	Yes	Yes	Yes	Yes	Yes
Observations	127	127	127	127	127	127
F-statistic			17.85			17.85

Notes: * $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$. Robust standard errors are reported in parentheses.

Table A.10: Relationship between tract and political outcomes when we include a control for the log distance to the Erie Canal.

Specification	Turnout			Support for African American Suffrage		
	OLS	Geographic RD	IV: Second Stage	OLS	Geographic RD	IV: Second Stage
Total School Funds	0.55*** (0.19)		1.25* (0.67)	1.19 (0.94)		1.60 (2.30)
In Tract		2.61* (1.33)			3.17 (4.92)	
Log Distance to Erie Canal	-1.71 (1.14)	-1.80 (1.18)	-1.19 (1.15)	7.00* (3.63)	7.32* (3.75)	7.11** (3.40)
Border Fixed Effect 1	5.66* (3.28)	4.86 (3.14)	7.46* (3.85)	15.48 (10.05)	13.89 (10.48)	16.41 (10.96)
Border Fixed Effect 2	3.77 (2.66)	4.46* (2.51)	3.86 (2.75)	0.19 (7.82)	0.89 (7.82)	0.39 (7.38)
Border Fixed Effect 3	2.85 (3.71)	3.56 (3.64)	3.79 (3.92)	24.41* (12.34)	26.10* (14.57)	25.07** (12.74)
Elevation	0.00 (0.00)	0.00 (0.00)	0.00 (0.00)	0.00 (0.01)	0.00 (0.01)	-0.00 (0.01)
Maize Suitability	0.00 (0.00)	0.00 (0.00)	0.00 (0.00)	-0.00 (0.00)	-0.00 (0.00)	-0.00 (0.00)
Wheat Suitability	0.00 (0.00)	0.00 (0.00)	0.00 (0.00)	-0.01 (0.01)	-0.01 (0.01)	-0.01 (0.01)
Latitude	-4.66 (4.03)	-5.91 (4.03)	-3.64 (4.24)	38.92*** (12.90)	36.66*** (13.29)	39.56*** (12.38)
Longitude	-2.07 (2.34)	-2.10 (2.58)	-3.85 (3.10)	-10.81 (7.61)	-10.45 (8.59)	-11.52 (8.50)
Constant	70.97 (250.50)	118.16 (264.90)	-93.86 (322.96)	-2365.10*** (793.07)	-2253.76*** (837.15)	-2441.69*** (858.64)
Geographic Controls Included	Yes	Yes	Yes	Yes	Yes	Yes
Border Segment Fixed Effects	Yes	Yes	Yes	Yes	Yes	Yes
Observations	128	128	128	97	97	97
F-statistic			16.70			10.24

Notes: * $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$. Robust standard errors are reported in parentheses.

D.2 Excluding Salina Township, Location of Syracuse

One might question whether our estimates are affected by the presence of Salina township, which included the as yet unincorporated emerging city of Syracuse, inside the Military Tract. To consider whether this might be an outlier influencing our results, we repeated all of our estimates while excluding the township of Salina.

Table A.11: Relationship between tract and public schooling investments when we exclude Salina Township.

Specification	Length of School Year (Months)			Number of Schools		
	OLS	Geographic RD	IV: Second Stage	OLS	Geographic RD	IV: Second Stage
Total School Funds	0.18*** (0.03)		0.32*** (0.09)	2.15*** (0.27)		1.20** (0.52)
In Tract		0.71*** (0.19)			2.62 (1.64)	
Border Fixed Effect 1	0.27 (0.34)	-0.02 (0.31)	0.59 (0.43)	4.17** (2.07)	-0.23 (3.36)	2.00 (2.65)
Border Fixed Effect 2	0.39 (0.35)	0.63* (0.38)	0.28 (0.36)	3.20 (1.97)	5.20* (2.82)	3.92** (1.96)
Border Fixed Effect 3	0.49 (0.41)	0.70 (0.44)	0.55 (0.42)	3.81* (2.21)	3.99 (3.05)	3.41 (2.19)
Elevation	0.00 (0.00)	0.00 (0.00)	-0.00 (0.00)	-0.00 (0.00)	0.00 (0.00)	0.00 (0.00)
Maize Suitability	0.00 (0.00)	-0.00 (0.00)	-0.00 (0.00)	0.00 (0.00)	0.00 (0.00)	0.00* (0.00)
Wheat Suitability	0.00** (0.00)	0.00*** (0.00)	0.00 (0.00)	-0.00 (0.00)	0.00 (0.00)	-0.00 (0.00)
Latitude	-0.67 (0.54)	-1.04* (0.57)	-0.52 (0.53)	-2.75 (2.49)	-5.65 (3.59)	-3.76 (2.80)
Longitude	-0.48 (0.30)	-0.41 (0.30)	-0.82** (0.36)	-0.74 (1.69)	3.02 (2.80)	1.53 (2.22)
Constant	-10.20 (33.04)	8.45 (31.83)	-39.57 (37.23)	84.91 (187.45)	457.62 (295.05)	280.96 (234.90)
Geographic Controls Included	Yes	Yes	Yes	Yes	Yes	Yes
Border Segment Fixed Effects	Yes	Yes	Yes	Yes	Yes	Yes
Observations	127	127	127	127	127	127
F-statistic			17.00			17.00

Notes: * $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$. Robust standard errors are reported in parentheses.

Table A.12: Relationship between tract and income when we exclude Salina Township.

Specification	Earnings			Earnings Inequality			
	OLS	Geographic RD	IV Estimate	OLS	Geographic RD	IV Estimate	Estimate
Total School Funds	0.11*** (0.03)		0.14** (0.07)	-0.07 (0.04)			-0.20** (0.09)
In Tract		0.33* (0.17)			-0.46** (0.19)		
Border Fixed Effect 1	0.25 (0.30)	0.09 (0.29)	0.31 (0.27)	-0.16 (0.37)	-0.13 (0.34)		-0.43 (0.42)
Border Fixed Effect 2	0.74** (0.36)	0.87** (0.39)	0.72** (0.34)	-0.89** (0.37)	-1.00** (0.38)		-0.79** (0.37)
Border Fixed Effect 3	0.50 (0.38)	0.60 (0.40)	0.51 (0.36)	-0.04 (0.42)	-0.21 (0.42)		-0.09 (0.41)
Elevation	-0.00 (0.00)	-0.00 (0.00)	-0.00 (0.00)	-0.00** (0.00)	-0.00** (0.00)		-0.00 (0.00)
Maize Suitability	0.00 (0.00)	-0.00 (0.00)	0.00 (0.00)	0.00 (0.00)	0.00 (0.00)		0.00 (0.00)
Wheat Suitability	0.00 (0.00)	0.00** (0.00)	0.00 (0.00)	-0.00 (0.00)	-0.00* (0.00)		-0.00 (0.00)
Latitude	-0.89** (0.42)	-1.07** (0.43)	-0.86** (0.41)	0.53 (0.43)	0.70 (0.43)		0.40 (0.47)
Longitude	0.05 (0.30)	0.15 (0.28)	-0.01 (0.26)	-0.21 (0.33)	-0.12 (0.32)		0.10 (0.36)
Constant	37.18 (31.06)	50.38* (30.03)	31.48 (27.63)	-34.08 (35.13)	-34.02 (33.98)		-7.69 (39.08)
Geographic Controls Included	Yes	Yes	Yes	Yes	Yes		Yes
Border Segment Fixed Effects	Yes	Yes	Yes	Yes	Yes		Yes
Observations	126	126	126	126	126		126
F-statistic			18.09				18.09

Notes: * $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$. Robust standard errors are reported in parentheses.

Table A.13: Relationship between tract and wealth when we exclude Salina Township.

Specification	Wealth			Wealth Inequality		
	OLS	Geographic RD	IV Estimate	OLS	Geographic RD	IV Estimate
Total School Funds	-30.84*** (10.47)		-52.11** (25.48)	0.07 (0.17)		-0.19 (0.54)
In Tract		-118.95* (60.65)			-0.44 (1.28)	
Border Fixed Effect 1	-100.06 (114.70)	-65.35 (109.95)	-143.50 (110.23)	-2.92 (2.19)	-3.17 (2.08)	-3.46 (2.15)
Border Fixed Effect 2	-202.04* (113.27)	-241.18** (117.78)	-186.49* (112.58)	2.76 (2.47)	2.75 (2.44)	2.95 (2.51)
Border Fixed Effect 3	-227.77* (130.14)	-267.22** (124.95)	-235.41* (128.71)	2.48 (3.39)	2.27 (3.18)	2.38 (3.19)
Elevation	0.24** (0.10)	0.20** (0.10)	0.29*** (0.11)	-0.00 (0.00)	-0.00 (0.00)	-0.00 (0.00)
Maize Suitability	0.04 (0.05)	0.07 (0.05)	0.05 (0.05)	-0.00* (0.00)	-0.00 (0.00)	-0.00* (0.00)
Wheat Suitability	-0.28** (0.13)	-0.36*** (0.13)	-0.24* (0.14)	0.01 (0.00)	0.01* (0.00)	0.01 (0.00)
Latitude	277.27* (153.92)	334.03** (153.79)	256.38* (153.35)	-5.38** (2.29)	-5.35** (2.30)	-5.64** (2.39)
Longitude	-137.40 (104.45)	-146.22 (95.12)	-87.68 (102.14)	2.51 (2.63)	2.92 (2.56)	3.13 (2.70)
Constant	-19397.45* (10720.10)	-22061.14** (10164.35)	-15219.16 (10600.24)	397.15** (181.31)	424.19** (173.50)	449.45** (196.42)
Geographic Controls Included	Yes	Yes	Yes	Yes	Yes	Yes
Border Segment Fixed Effects	Yes	Yes	Yes	Yes	Yes	Yes
Observations	126	126	126	126	126	126
F-statistic			18.09			18.09

Notes: * $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$. Robust standard errors are reported in parentheses.

Table A.14: Relationship between tract and political outcomes when we exclude Salina Township.

Specification	Turnout			Support for African American Suffrage		
	OLS	Geographic RD	IV: Second Stage	OLS	Geographic RD	IV: Second Stage
Total School Funds	0.64*** (0.19)		1.48** (0.66)	1.08 (0.93)		0.38 (2.49)
In Tract		3.25** (1.33)			0.73 (5.15)	
Border Fixed Effect 1	6.94** (3.19)	6.08** (3.05)	8.85** (3.73)	14.06 (10.36)	11.87 (10.82)	12.48 (12.05)
Border Fixed Effect 2	5.44** (2.36)	6.39*** (2.32)	4.81* (2.57)	-6.70 (7.52)	-6.77 (7.60)	-6.84 (7.13)
Border Fixed Effect 3	5.71* (3.41)	6.78** (3.29)	6.06* (3.46)	17.14 (12.83)	16.38 (15.02)	16.20 (13.48)
Elevation	0.00 (0.00)	0.00 (0.00)	-0.00 (0.00)	0.00 (0.01)	0.00 (0.01)	0.00 (0.01)
Maize Suitability	0.00 (0.00)	0.00 (0.00)	0.00 (0.00)	-0.00 (0.00)	-0.00 (0.00)	-0.00 (0.00)
Wheat Suitability	0.00 (0.00)	0.00 (0.00)	0.00 (0.00)	-0.01 (0.01)	-0.01 (0.01)	-0.01 (0.01)
Latitude	-3.59 (4.13)	-5.05 (4.12)	-2.71 (4.30)	36.38*** (13.24)	34.62** (13.52)	35.32*** (12.39)
Longitude	-2.89 (2.30)	-3.04 (2.52)	-4.89 (2.99)	-11.23 (7.66)	-9.71 (8.90)	-9.97 (9.36)
Constant	-35.86 (240.90)	10.72 (256.02)	-208.07 (308.72)	-2280.67*** (762.56)	-2103.48** (802.02)	-2148.72** (878.65)
Geographic Controls Included	Yes	Yes	Yes	Yes	Yes	Yes
Border Segment Fixed Effects	Yes	Yes	Yes	Yes	Yes	Yes
Observations	127	127	127	97	97	97
F-statistic			17.00			10.90

Notes: * $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$. Robust standard errors are reported in parentheses.

E Robustness Test: Further Geographic Coordinates

In this appendix we add the product of latitude and longitude to our estimates.¹

Table A.15: Relationship between tract and public schooling investments when we include the product of latitude and longitude

Specification	Length of School Year (Months)			Number of Schools		
	OLS	Geographic RD	IV: Second Stage	OLS	Geographic RD	IV: Second Stage
Total School Funds	0.18*** (0.03)		0.33*** (0.09)	2.12*** (0.27)		1.12** (0.53)
In Tract		0.74*** (0.19)			2.57 (1.61)	
Elevation	0.0002 (0.0002)	0.0003 (0.0003)	-0.0002 (0.0003)	-0.0011 (0.0014)	0.0028 (0.0021)	0.0012 (0.0017)
Maize Suitability	0.0000 (0.0002)	-0.0002 (0.0002)	-0.0001 (0.0002)	0.0005 (0.0006)	0.0007 (0.0010)	0.0010 (0.0007)
Wheat Suitability	0.0009** (0.0004)	0.0012*** (0.0004)	0.0006 (0.0005)	-0.0024 (0.0020)	0.0012 (0.0035)	-0.0005 (0.0028)
Border Fixed Effect 1	0.1419 (0.3928)	-0.2926 (0.3497)	0.5921 (0.4209)	3.4315 (2.3107)	-2.2343 (3.6342)	1.5692 (2.6880)
Border Fixed Effect 2	0.2508 (0.4185)	0.3375 (0.4503)	0.2797 (0.3593)	3.1257 (2.6090)	3.6173 (3.6306)	4.1714** (1.9766)
Border Fixed Effect 3	0.4789 (0.4113)	0.6749 (0.4463)	0.5484 (0.4158)	3.2031 (2.2145)	3.2654 (3.0025)	2.9647 (2.2005)
Latitude	-37.8864 (54.3387)	-83.1245 (56.0051)	-0.5218 (0.5262)	-102.0048 (335.1785)	-505.5429 (455.3354)	-3.8694 (2.8374)
Longitude	20.3948 (30.5083)	45.6154 (31.4712)	-0.8175** (0.3493)	55.1556 (187.7145)	283.5845 (255.0565)	1.8645 (2.2530)
Latitude x Longitude	-0.4879 (0.7127)	-1.0761 (0.7351)		-1.3003 (4.3997)	-6.5535 (5.9750)	
Constant	1582.2113 (2326.1186)	3520.5688 (2397.8272)	-39.6830 (36.7226)	4351.1541 (14305.2899)	21864.3404 (19444.5186)	308.8905 (239.0889)
Observations	128	128	128	128	128	128

Notes: * $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$. Robust standard errors are reported in parentheses.

¹In the IV (2SLS) results the coefficient on this variable cannot be estimated because of collinearity with our other geographic variables.

Table A.16: Relationship between tract and income when we include the product of latitude and longitude.

Specification	Earnings			Earnings Inequality		
	OLS	Geographic RD	IV Estimate	OLS	Geographic RD	IV Estimate
Total School Funds	0.12*** (0.03)		0.16** (0.07)	-0.07* (0.04)		-0.21** (0.09)
In Tract		0.36** (0.17)			-0.46** (0.19)	
Elevation	-0.0004 (0.0002)	-0.0002 (0.0003)	-0.0005* (0.0003)	-0.0007** (0.0003)	-0.0007** (0.0003)	-0.0003 (0.0004)
Maize Suitability	0.0001 (0.0001)	-0.0000 (0.0001)	0.0000 (0.0001)	0.0001 (0.0001)	0.0002 (0.0001)	0.0002 (0.0002)
Wheat Suitability	0.0004 (0.0003)	0.0007** (0.0003)	0.0003 (0.0004)	-0.0005 (0.0004)	-0.0007* (0.0004)	-0.0001 (0.0005)
Border Fixed Effect 1	0.6447** (0.3211)	0.3943 (0.3022)	0.3980 (0.2814)	-0.6733 (0.4324)	-0.5623 (0.3921)	-0.4703 (0.4150)
Border Fixed Effect 2	0.9919** (0.4439)	1.0493** (0.4868)	0.6673* (0.3473)	-1.2945*** (0.4069)	-1.3531*** (0.4348)	-0.7675** (0.3702)
Border Fixed Effect 3	0.6626* (0.3873)	0.7578* (0.4074)	0.6092* (0.3694)	-0.1911 (0.4127)	-0.3430 (0.4133)	-0.1329 (0.4032)
Latitude	85.4512* (43.3166)	61.8448 (45.1909)	-0.8347** (0.4152)	-125.3155** (54.4420)	-107.1239** (53.2143)	0.3898 (0.4706)
Longitude	-48.4213** (24.2457)	-35.1972 (25.3036)	-0.0845 (0.2645)	70.4155** (30.5004)	60.3812** (29.8097)	0.1352 (0.3623)
Latitude x Longitude	1.1316** (0.5689)	0.8248 (0.5940)		-1.6496** (0.7129)	-1.4134** (0.6975)	
Constant	-3662.0392** (1846.6259)	-2646.3999 (1925.9618)	25.6855 (28.3388)	5355.3754** (2330.3937)	4582.7736** (2275.5243)	-5.0489 (39.0895)
Observations	127	127	127	127	127	127

Notes: * $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$. Robust standard errors are reported in parentheses.

Table A.17: Relationship between tract and wealth when we include the product of latitude and longitude.

Specification	Wealth			Wealth Inequality		
	OLS	Geographic RD	IV Estimate	OLS	Geographic RD	IV Estimate
Total School Funds	-34.13*** (10.32)		-55.54** (25.47)	0.12 (0.17)		-0.10 (0.54)
In Tract		-120.49** (60.76)			-0.30 (1.30)	
Elevation	0.2401** (0.1027)	0.1955* (0.1033)	0.3088*** (0.1122)	-0.0023 (0.0025)	-0.0019 (0.0026)	-0.0019 (0.0031)
Maize Suitability	0.0332 (0.0430)	0.0578 (0.0488)	0.0509 (0.0479)	-0.0011 (0.0007)	-0.0009 (0.0007)	-0.0010 (0.0007)
Wheat Suitability	-0.3277** (0.1325)	-0.4016*** (0.1326)	-0.2214 (0.1440)	0.0055 (0.0034)	0.0057* (0.0032)	0.0054 (0.0037)
Border Fixed Effect 1	-330.2925** (137.0154)	-264.0297* (133.6550)	-161.6689 (112.2047)	-0.7747 (2.4432)	-1.1132 (2.3358)	-2.9841 (2.1560)
Border Fixed Effect 2	-386.4808*** (137.5393)	-404.4367*** (141.6355)	-175.4494 (113.6386)	4.1729 (3.0979)	4.1641 (3.0692)	2.6629 (2.5003)
Border Fixed Effect 3	-290.9544** (133.7784)	-325.2409** (126.9412)	-255.0319* (130.7082)	3.2993 (3.4218)	3.1417 (3.2521)	2.8977 (3.2197)
Latitude	-56442.3903*** (19489.8432)	-49555.2963** (19634.1549)	251.8131 (154.8733)	473.2271 (344.6598)	461.4681 (353.9862)	-5.5187** (2.3613)
Longitude	31692.4230*** (10927.4587)	27847.3118** (11010.4113)	-73.0496 (103.4456)	-266.1863 (192.8266)	-259.1908 (197.7614)	2.7503 (2.7014)
Latitude x Longitude	-743.4929*** (255.6465)	-653.9989** (257.5605)		6.2732 (4.5199)	6.1197 (4.6406)	
Constant	2409502.8727*** (833427.3176)	2114028.7161** (839751.9045)	-14019.3852 (10729.6969)	-20107.4754 (14715.3454)	-19575.2783 (15098.6952)	417.9963** (195.5011)
Observations	127	127	127	127	127	127

Notes: * $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$. Robust standard errors are reported in parentheses.

Table A.18: Relationship between tract and political outcomes when we include the product of latitude and longitude.

Specification	Turnout			Support for African American Suffrage		
	OLS	Geographic RD	IV: Second Stage	OLS	Geographic RD	IV: Second Stage
Total School Funds	0.56*** (0.21)		1.38** (0.64)	1.23 (0.99)		0.38 (2.49)
In Tract		3.36*** (1.26)			0.72 (5.15)	
Elevation	0.0015 (0.0022)	0.0017 (0.0022)	-0.0000 (0.0024)	0.0018 (0.0075)	0.0026 (0.0074)	0.0020 (0.0073)
Maize Suitability	0.0008 (0.0009)	-0.0001 (0.0009)	0.0005 (0.0009)	-0.0019 (0.0037)	-0.0020 (0.0038)	-0.0020 (0.0034)
Wheat Suitability	0.0020 (0.0029)	0.0030 (0.0027)	0.0017 (0.0033)	-0.0077 (0.0090)	-0.0064 (0.0093)	-0.0080 (0.0100)
Border Fixed Effect 1	1.3515 (3.5775)	0.1286 (3.3729)	8.3135** (3.6250)	17.1899 (11.2113)	13.3979 (11.1799)	12.4772 (12.0526)
Border Fixed Effect 2	0.6614 (2.5517)	1.0229 (2.5140)	5.1214** (2.5161)	-2.6035 (9.6207)	-4.5528 (9.1019)	-6.8387 (7.1271)
Border Fixed Effect 3	4.2644 (3.2764)	5.2754* (3.1619)	5.5083 (3.4324)	16.3581 (13.0925)	15.8270 (15.4654)	16.1978 (13.4760)
Latitude	-1451.3362*** (394.6178)	-1612.9737*** (384.6318)	-2.8468 (4.2619)	1298.1749 (2066.6033)	723.0512 (1943.5202)	35.3205*** (12.3918)
Longitude	809.5137*** (221.6168)	898.9919*** (215.8563)	-4.4676 (2.9224)	-717.4510 (1153.5201)	-394.9375 (1083.0143)	-9.9699 (9.3640)
Latitude x Longitude	-18.9783*** (5.1694)	-21.0791*** (5.0390)		16.5530 (27.0846)	9.0327 (25.4666)	
Constant	61952.2600*** (16925.0127)	68837.1201*** (16484.4050)	-173.2509 (300.8664)	-56132.4271 (88045.9291)	-31474.1847 (82689.2176)	-2148.7182** (878.6459)
Observations	128	128	128	97	97	97

Notes: * $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$. Robust standard errors are reported in parentheses.

F Analyses with Distance to Border of Tract Included as a Control

Table A.19: Educational outcome variables where we include tract location and the distance to the tract border in the regression analyses.

	Length of School Year		Number of Schools		Public Funds	
In Tract	0.720*** (0.189)	0.722*** (0.190)	2.471 (1.617)	2.433 (1.614)	2.213*** (0.519)	2.247*** (0.519)
Distance to Border (in km)		-0.002 (0.011)		0.033 (0.087)		-0.029 (0.032)
Border Fixed Effect 1	-0.0041 (0.3045)	-0.0072 (0.3059)	-0.4772 (3.3246)	-0.4304 (3.3434)	-1.8334* (0.9602)	-1.8755* (0.9563)
Border Fixed Effect 2	0.6207 (0.3767)	0.6237 (0.3770)	5.3421* (2.7990)	5.2970* (2.8066)	1.0488 (1.0305)	1.0894 (1.0023)
Border Fixed Effect 3	0.7251 (0.4379)	0.7355 (0.4445)	3.5713 (2.9844)	3.4152 (3.0542)	0.5435 (1.1021)	0.6840 (1.1303)
Elevation	0.0003 (0.0003)	0.0003 (0.0003)	0.0029 (0.0021)	0.0031 (0.0022)	0.0016* (0.0008)	0.0014 (0.0009)
Maize Suitability	-0.0001 (0.0002)	-0.0002 (0.0002)	0.0007 (0.0009)	0.0009 (0.0011)	-0.0002 (0.0003)	-0.0004 (0.0003)
Wheat Suitability	0.0013*** (0.0004)	0.0013*** (0.0004)	0.0017 (0.0035)	0.0015 (0.0037)	0.0019* (0.0011)	0.0021* (0.0011)
Latitude	-1.0362* (0.5677)	-1.0534* (0.5635)	-5.6349 (3.5833)	-5.3757 (3.6959)	-1.5818 (1.0140)	-1.8152* (0.9995)
Longitude	-0.4220 (0.3036)	-0.4317 (0.3152)	3.2220 (2.7746)	3.3672 (2.8572)	1.2162 (0.8417)	1.0854 (0.9160)
Constant	7.7561 (31.7488)	7.8229 (31.7752)	471.7308 (293.7559)	470.7277 (293.8014)	145.8937* (82.4199)	146.7968* (82.8715)
Observations	128	128	128	128	128	128

Notes: * $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$. Robust standard errors are reported in parentheses.

Table A.20: Economic outcome variables where we include tract location and the distance to the tract border in the regression analyses.

	Earnings		Earnings Inequality		Wealth		Wealth Inequality	
In Tract	0.370** (0.173)	0.368** (0.175)	-0.479** (0.193)	-0.481** (0.193)	-127.868** (60.791)	-128.930** (60.857)	-0.236 (1.287)	-0.241 (1.308)
Distance to Border (in km)		0.001 (0.010)		0.002 (0.011)		1.136 (3.537)		0.006 (0.060)
Border Fixed Effect 1	0.1624 (0.2916)	0.1651 (0.2951)	-0.1648 (0.3393)	-0.1604 (0.3407)	-80.1381 (111.2376)	-77.4389 (112.1992)	-2.8339 (2.0967)	-2.8189 (2.1297)
Border Fixed Effect 2	0.8328** (0.3978)	0.8312** (0.3928)	-0.9820** (0.3826)	-0.9847** (0.3810)	-232.7266* (117.9588)	-234.3533** (118.2422)	2.5574 (2.4541)	2.5483 (2.4423)
Border Fixed Effect 3	0.7157* (0.4069)	0.7106* (0.4027)	-0.2710 (0.4167)	-0.2793 (0.4158)	-291.9043** (126.3839)	-297.0006** (128.0066)	2.8298 (3.2271)	2.8013 (3.1673)
Elevation	-0.0002 (0.0003)	-0.0002 (0.0003)	-0.0007** (0.0003)	-0.0007** (0.0003)	0.2134** (0.1001)	0.2204** (0.1025)	-0.0021 (0.0025)	-0.0021 (0.0027)
Maize Suitability	-0.0000 (0.0001)	-0.0000 (0.0001)	0.0002 (0.0001)	0.0002 (0.0002)	0.0656 (0.0528)	0.0718 (0.0551)	-0.0010 (0.0007)	-0.0010 (0.0007)
Wheat Suitability	0.0006** (0.0003)	0.0006** (0.0003)	-0.0006* (0.0004)	-0.0006 (0.0004)	-0.3485*** (0.1306)	-0.3525*** (0.1305)	0.0052* (0.0031)	0.0052* (0.0030)
Latitude	-1.0741** (0.4326)	-1.0648** (0.4196)	0.7002 (0.4275)	0.7154* (0.4310)	334.6523** (154.1657)	343.9660** (157.1257)	-5.3661** (2.2990)	-5.3141** (2.2561)
Longitude	0.0916 (0.2874)	0.0963 (0.2997)	-0.0931 (0.3174)	-0.0854 (0.3275)	-133.9853 (95.8045)	-129.2617 (97.9040)	2.6380 (2.5694)	2.6644 (2.5685)
Constant	46.4673 (30.1943)	46.3837 (30.1035)	-31.9877 (33.9154)	-32.1234 (33.9510)	-21210.3095** (10185.8388)	-21293.2766** (10194.5901)	404.7500** (174.4633)	404.2869** (175.7031)
Observations	127	127	127	127	127	127	127	127

Notes: * $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$. Robust standard errors are reported in parentheses.

Table A.21: Political outcome variables where we include tract location and the distance to the tract border in the regression analyses.

	Turnout		Suffrage Support	
In Tract	3.058** (1.326)	3.089** (1.347)	0.730 (5.154)	0.707 (5.230)
Distance to Border (in km)		-0.026 (0.079)		0.010 (0.249)
Border Fixed Effect 1	5.7802* (3.0322)	5.7426* (3.0381)	11.8706 (10.8230)	11.8634 (10.9259)
Border Fixed Effect 2	6.5705*** (2.3145)	6.6069*** (2.3384)	-6.7700 (7.6040)	-6.7746 (7.6524)
Border Fixed Effect 3	6.2592* (3.3231)	6.3848* (3.4351)	16.3755 (15.0164)	16.2827 (15.8319)
Elevation	0.0021 (0.0022)	0.0020 (0.0022)	0.0023 (0.0073)	0.0023 (0.0078)
Maize Suitability	0.0002 (0.0010)	0.0000 (0.0011)	-0.0021 (0.0037)	-0.0021 (0.0039)
Wheat Suitability	0.0044 (0.0027)	0.0045 (0.0028)	-0.0073 (0.0089)	-0.0073 (0.0092)
Latitude	-5.0324 (4.1104)	-5.2410 (4.2321)	34.6236** (13.5156)	34.6961** (14.1180)
Longitude	-2.7871 (2.5142)	-2.9040 (2.6019)	-9.7128 (8.9038)	-9.6438 (9.3597)
Constant	28.3340 (253.8225)	29.1412 (254.6880)	-2103.4792** (802.0203)	-2101.7103** (807.0898)
Observations	128	128	97	97

Notes: * $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$. Robust standard errors are reported in parentheses.

G Unabridged Main Text Analysis Tables

Table A.22: Unabridged Table 4

Specification	Length of School Year (Months)			Number of Schools		
	OLS	Geographic RD	IV: Second Stage	OLS	Geographic RD	IV: Second Stage
Total School Funds	0.18*** (0.03)		0.33*** (0.09)	2.12*** (0.26)		1.12** (0.53)
In Tract		0.72*** (0.19)			2.47 (1.62)	
Elevation	0.00 (0.00)	0.00 (0.00)	-0.00 (0.00)	-0.00 (0.00)	0.00 (0.00)	0.00 (0.00)
Maize Suitability	0.00 (0.00)	-0.00 (0.00)	-0.00 (0.00)	0.00 (0.00)	0.00 (0.00)	0.00 (0.00)
Wheat Suitability	0.00** (0.00)	0.00*** (0.00)	0.00 (0.00)	-0.00 (0.00)	0.00 (0.00)	-0.00 (0.00)
Latitude	-0.67 (0.54)	-1.04* (0.57)	-0.52 (0.53)	-2.81 (2.49)	-5.63 (3.58)	-3.87 (2.84)
Longitude	-0.48 (0.30)	-0.42 (0.30)	-0.82** (0.35)	-0.49 (1.70)	3.22 (2.77)	1.86 (2.25)
Border Fixed Effect 1	0.28 (0.34)	-0.00 (0.30)	0.59 (0.42)	3.79* (2.07)	-0.48 (3.32)	1.57 (2.69)
Border Fixed Effect 2	0.38 (0.35)	0.62 (0.38)	0.28 (0.36)	3.47* (1.96)	5.34* (2.80)	4.17** (1.98)
Border Fixed Effect 3	0.50 (0.41)	0.73 (0.44)	0.55 (0.42)	3.27 (2.20)	3.57 (2.98)	2.96 (2.20)
Constant	-10.88 (32.94)	7.76 (31.75)	-39.68 (36.72)	105.06 (188.84)	471.73 (293.76)	308.89 (239.09)
Geographic Controls Included	Yes	Yes	Yes	Yes	Yes	Yes
Border Segment Fixed Effects	Yes	Yes	Yes	Yes	Yes	Yes
Observations	128	128	128	128	128	128
F-statistic			18.22			18.22

Notes: * $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$. Robust standard errors are reported in parentheses.

Table A.23: Unabridged Table 5

Specification	Earnings			Earnings Inequality		
	OLS	Geographic RD	IV: Second Stage	OLS	Geographic RD	IV: Second Stage
Total School Funds	0.12*** (0.03)		0.16** (0.07)	-0.07 (0.04)		-0.21** (0.09)
In Tract		0.37** (0.17)			-0.48** (0.19)	
Elevation	-0.00 (0.00)	-0.00 (0.00)	-0.00* (0.00)	-0.00** (0.00)	-0.00** (0.00)	-0.00 (0.00)
Maize Suitability	0.00 (0.00)	-0.00 (0.00)	0.00 (0.00)	0.00 (0.00)	0.00 (0.00)	0.00 (0.00)
Wheat Suitability	0.00 (0.00)	0.00** (0.00)	0.00 (0.00)	-0.00 (0.00)	-0.00* (0.00)	-0.00 (0.00)
Latitude	-0.87** (0.42)	-1.07** (0.43)	-0.83** (0.42)	0.53 (0.43)	0.70 (0.43)	0.39 (0.47)
Longitude	0.01 (0.30)	0.09 (0.29)	-0.08 (0.26)	-0.18 (0.33)	-0.09 (0.32)	0.14 (0.36)
Border Fixed Effect 1	0.32 (0.31)	0.16 (0.29)	0.40 (0.28)	-0.20 (0.37)	-0.16 (0.34)	-0.47 (0.42)
Border Fixed Effect 2	0.70* (0.37)	0.83** (0.40)	0.67* (0.35)	-0.86** (0.37)	-0.98** (0.38)	-0.77** (0.37)
Border Fixed Effect 3	0.60 (0.39)	0.72* (0.41)	0.61* (0.37)	-0.10 (0.41)	-0.27 (0.42)	-0.13 (0.40)
Constant	33.62 (31.19)	46.47 (30.19)	25.69 (28.34)	-31.94 (35.04)	-31.99 (33.92)	-5.05 (39.09)
Geographic Controls Included	Yes	Yes	Yes	Yes	Yes	Yes
Border Segment Fixed Effects	Yes	Yes	Yes	Yes	Yes	Yes
Observations	127	127	127	127	127	127
F-statistic			19.37			19.37

Notes: * $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$. Robust standard errors are reported in parentheses.

Table A.24: Unabridged Table 6

Specification	Wealth			Wealth Inequality		
	OLS	Geographic RD	IV: Second Stage	OLS	Geographic RD	IV: Second Stage
Total School Funds	-31.87*** (10.44)		-55.54** (25.47)	0.10 (0.17)		-0.10 (0.54)
In Tract		-127.87** (60.79)			-0.24 (1.29)	
Elevation	0.25** (0.10)	0.21** (0.10)	0.31*** (0.11)	-0.00 (0.00)	-0.00 (0.00)	-0.00 (0.00)
Maize Suitability	0.04 (0.05)	0.07 (0.05)	0.05 (0.05)	-0.00 (0.00)	-0.00 (0.00)	-0.00 (0.00)
Wheat Suitability	-0.27** (0.13)	-0.35*** (0.13)	-0.22 (0.14)	0.01 (0.00)	0.01* (0.00)	0.01 (0.00)
Latitude	274.88* (154.59)	334.65** (154.17)	251.81 (154.87)	-5.33** (2.29)	-5.37** (2.30)	-5.52** (2.36)
Longitude	-127.44 (104.81)	-133.99 (95.80)	-73.05 (103.45)	2.29 (2.63)	2.64 (2.57)	2.75 (2.70)
Border Fixed Effect 1	-114.93 (115.56)	-80.14 (111.24)	-161.67 (112.20)	-2.59 (2.20)	-2.83 (2.10)	-2.98 (2.16)
Border Fixed Effect 2	-191.53* (113.43)	-232.73* (117.96)	-175.45 (113.64)	2.53 (2.48)	2.56 (2.45)	2.66 (2.50)
Border Fixed Effect 3	-249.18* (130.86)	-291.90** (126.38)	-255.03* (130.71)	2.95 (3.39)	2.83 (3.23)	2.90 (3.22)
Constant	-18594.40* (10742.53)	-21210.31** (10185.84)	-14019.39 (10729.70)	379.60** (181.81)	404.75** (174.46)	418.00** (195.50)
Geographic Controls Included	Yes	Yes	Yes	Yes	Yes	Yes
Border Segment Fixed Effects	Yes	Yes	Yes	Yes	Yes	Yes
Observations	127	127	127	127	127	127
F-statistic			19.37			19.37

Notes: * $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$. Robust standard errors are reported in parentheses.

Table A.25: Unabridged Table 7

Specification	Turnout		
	OLS	Geographic RD	IV: Second Stage
Total School Funds	0.62*** (0.20)		1.38** (0.64)
In Tract		3.06** (1.33)	
Elevation	0.00 (0.00)	0.00 (0.00)	-0.00 (0.00)
Maize Suitability	0.00 (0.00)	0.00 (0.00)	0.00 (0.00)
Wheat Suitability	0.00 (0.00)	0.00 (0.00)	0.00 (0.00)
Latitude	-3.64 (4.13)	-5.03 (4.11)	-2.85 (4.26)
Longitude	-2.69 (2.30)	-2.79 (2.51)	-4.47 (2.92)
Border Fixed Effect 1	6.63** (3.17)	5.78* (3.03)	8.31** (3.62)
Border Fixed Effect 2	5.65** (2.35)	6.57*** (2.31)	5.12** (2.52)
Border Fixed Effect 3	5.28 (3.42)	6.26* (3.32)	5.51 (3.43)
Constant	-19.42 (239.19)	28.33 (253.82)	-173.25 (300.87)
Geographic Controls Included	Yes	Yes	Yes
Border Segment Fixed Effects	Yes	Yes	Yes
Observations	128	128	128
F-statistic			18.22

Notes: * $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$. Robust standard errors are reported in parentheses.

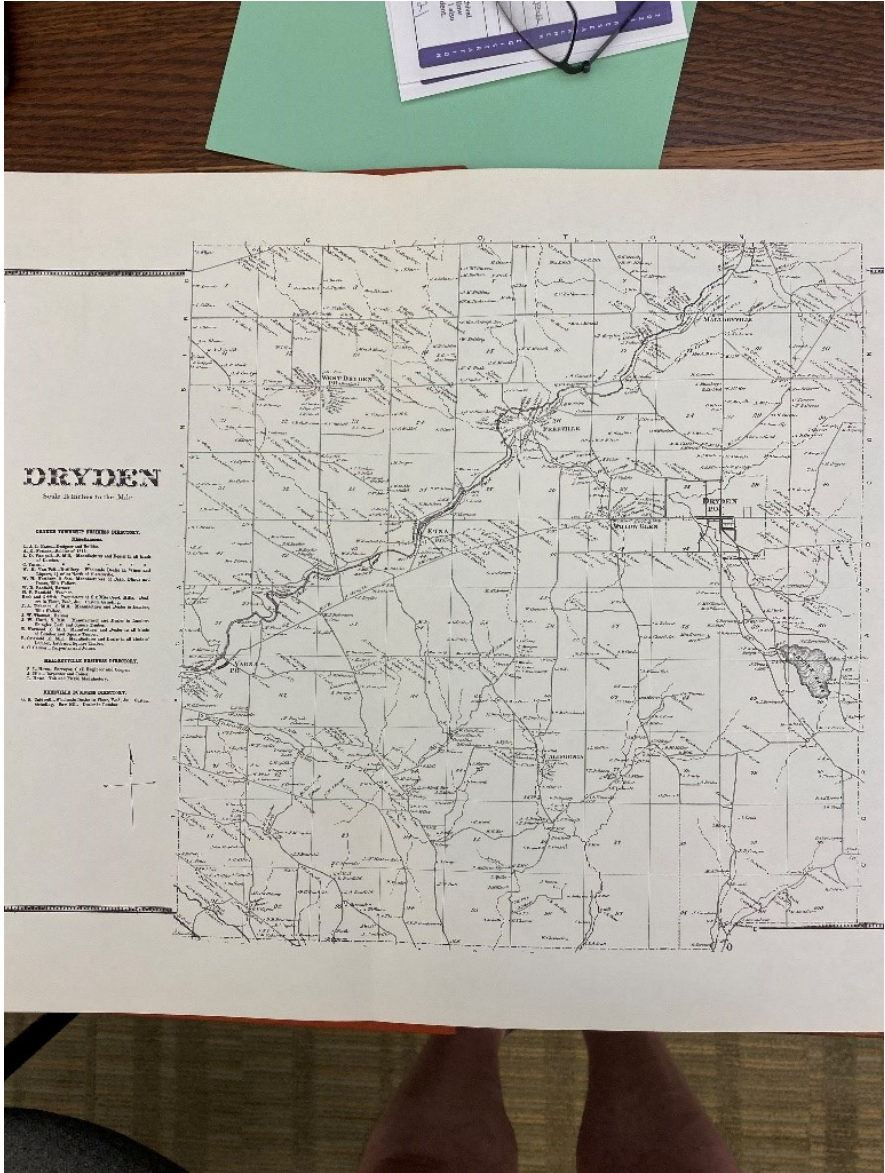
Table A.26: Unabridged Table 8

Specification	Support for African American Suffrage		
	OLS	Geographic RD	IV: Second Stage
Total School Funds	1.08 (0.93)		0.38 (2.49)
In Tract		0.73 (5.15)	
Elevation	0.00 (0.01)	0.00 (0.01)	0.00 (0.01)
Maize Suitability	-0.00 (0.00)	-0.00 (0.00)	-0.00 (0.00)
Wheat Suitability	-0.01 (0.01)	-0.01 (0.01)	-0.01 (0.01)
Latitude	36.38*** (13.24)	34.62** (13.52)	35.32*** (12.39)
Longitude	-11.23 (7.66)	-9.71 (8.90)	-9.97 (9.36)
Border Fixed Effect 1	14.06 (10.36)	11.87 (10.82)	12.48 (12.05)
Border Fixed Effect 2	-6.70 (7.52)	-6.77 (7.60)	-6.84 (7.13)
Border Fixed Effect 3	17.14 (12.83)	16.38 (15.02)	16.20 (13.48)
Constant	-2280.67*** (762.56)	-2103.48** (802.02)	-2148.72** (878.65)
Geographic Controls Included	Yes	Yes	Yes
Border Segment Fixed Effects	Yes	Yes	Yes
Observations	97	97	97
F-statistic			10.90

Notes: * $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$. Robust standard errors are reported in parentheses.

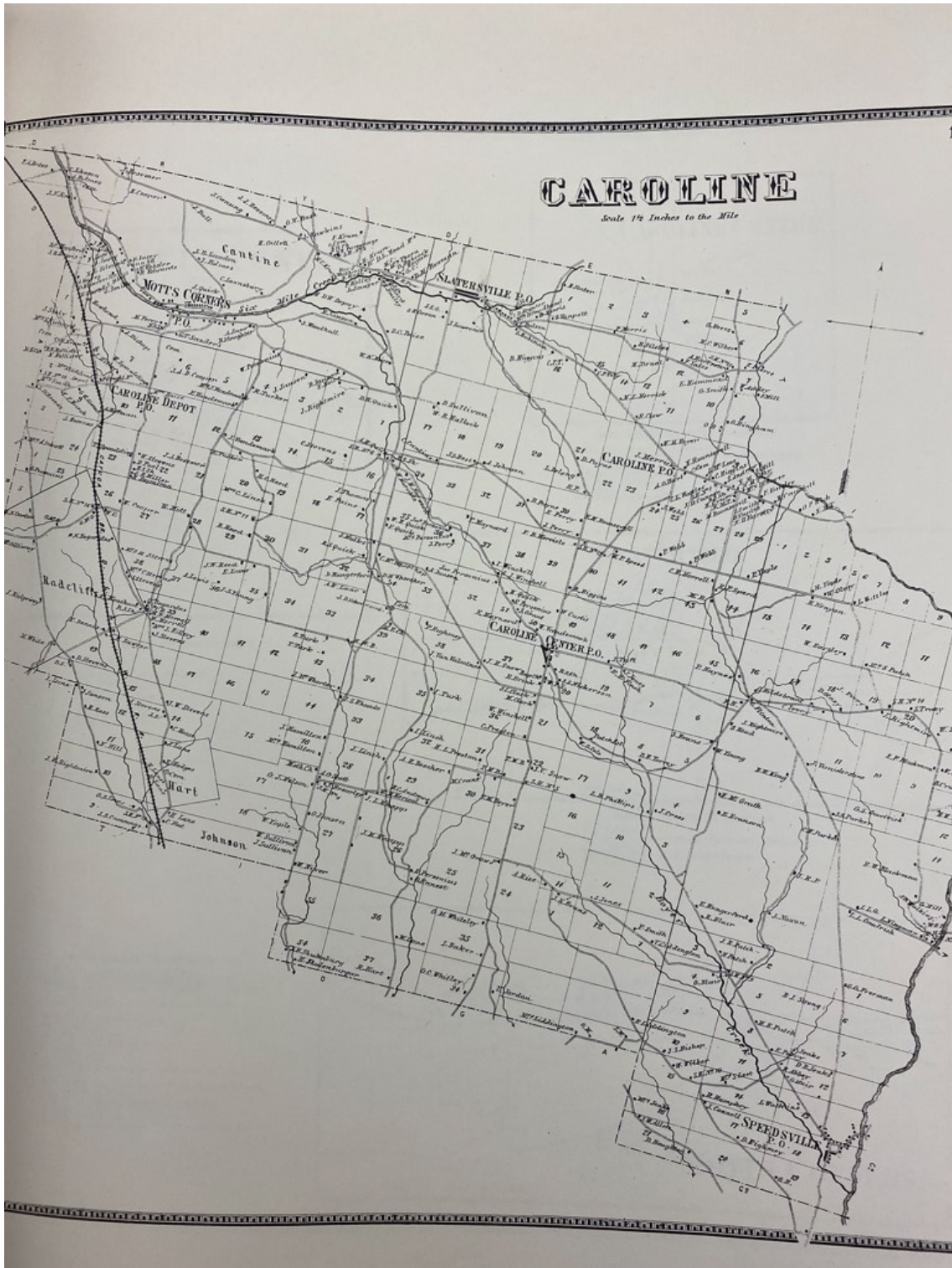
H Appendix Figures

Figure A.2: Town of Dryden Initial Lots



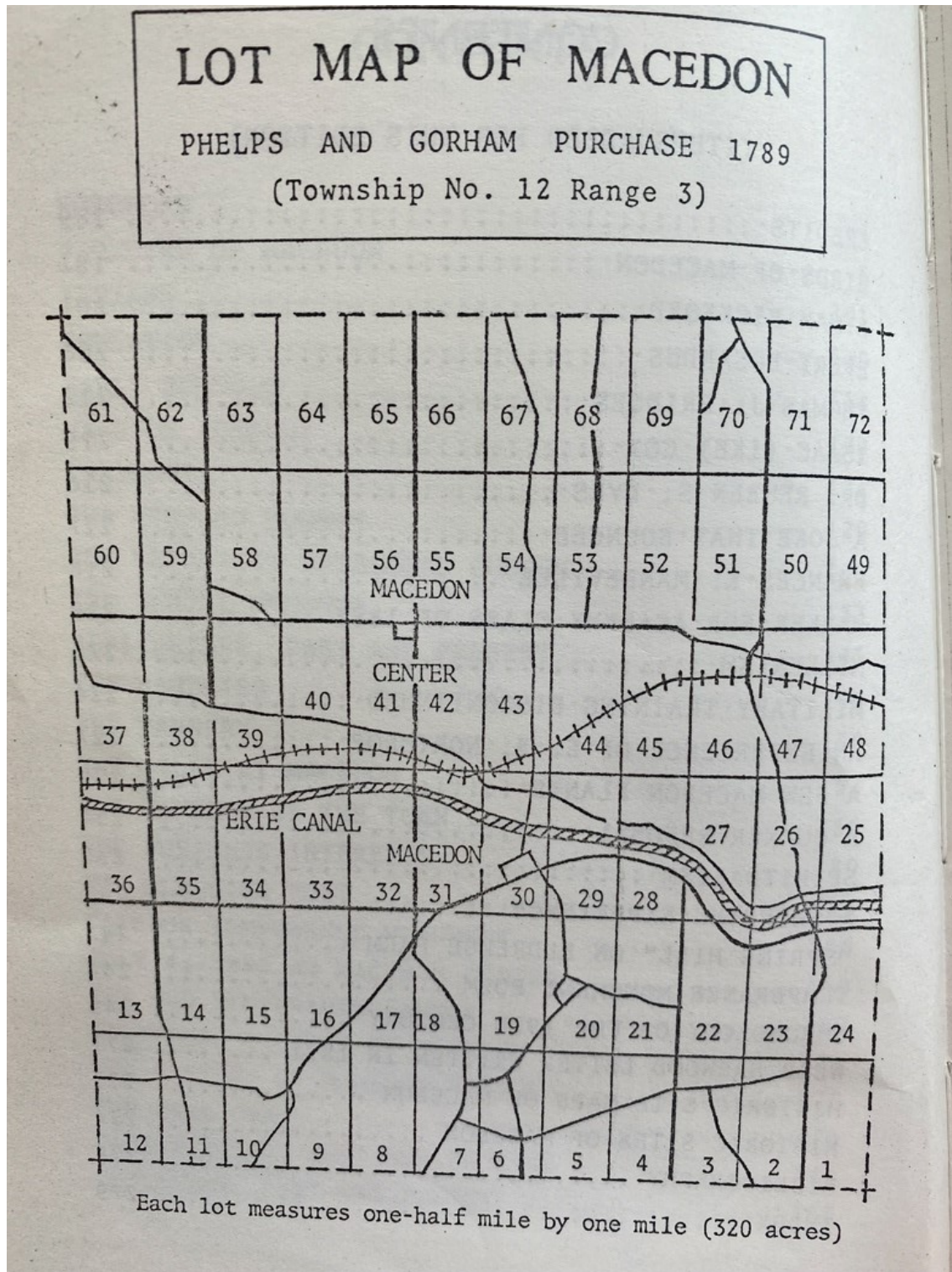
Source: *New Topographical Atlas of Tompkins County, New York*. Philadelphia: Stone and Stewart, 1866.

Figure A.3: Town of Caroline Initial Lots



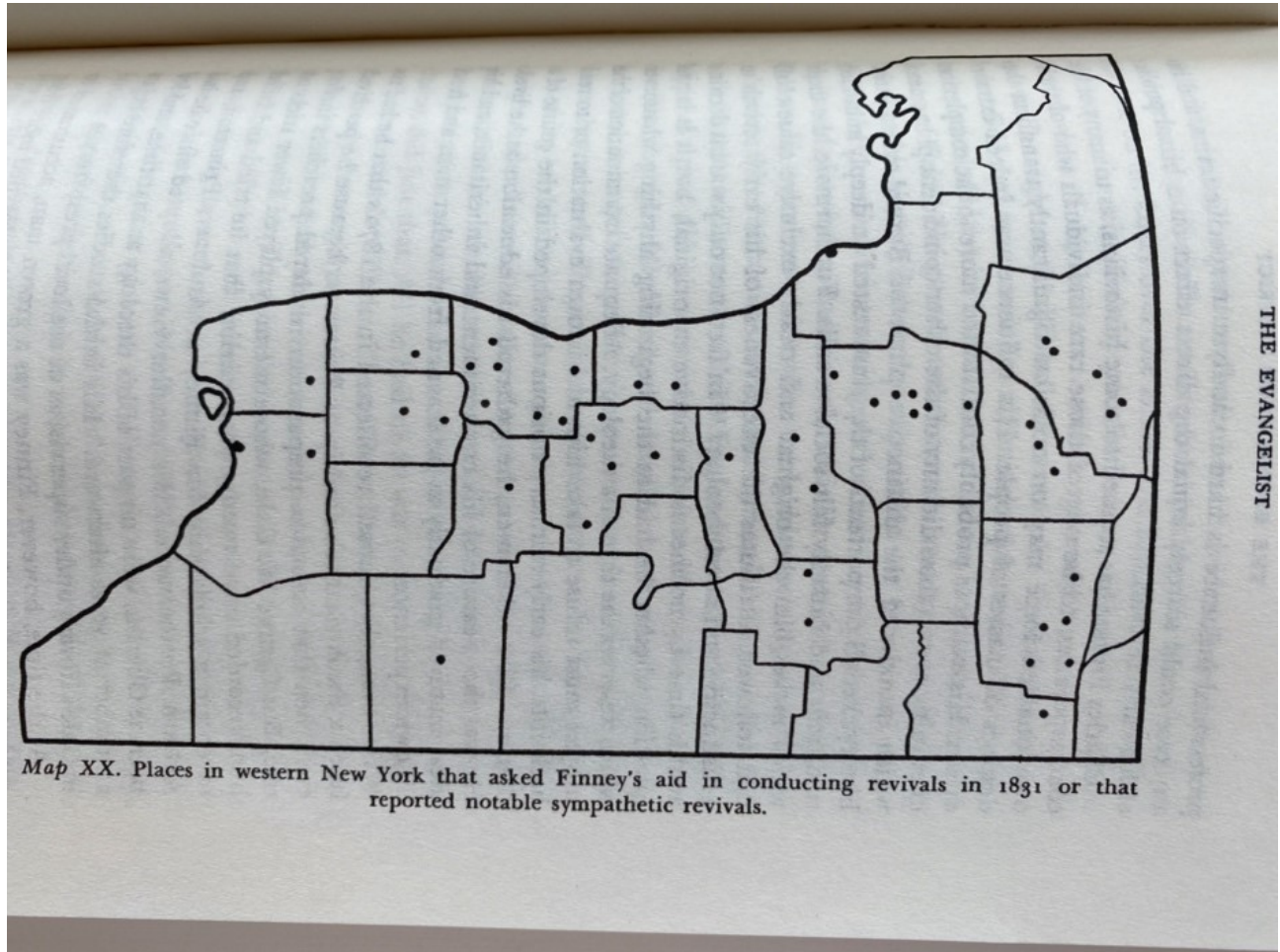
Source: *New Topographical Atlas of Tompkins County, New York*. Philadelphia: Stone and Stewart, 1866.

Figure A.4: Town of Macedon Initial Lots



Source: *Pioneers of Macedon: And Other Papers of the Macedon Historical Society*. Fairport, N.Y.: The Mail Printing House (Eldridge, 1912).

Figure A.5: Location of Revivals in New York State, 1831



Source: *The Burned Over District: The Social and Intellectual History of Enthusiastic Religion in Western New York, 1800-1850*. Ithaca: Cornell University Press (Cross, 1950).

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