Simple Tables for Municipality Proliferation

February 13, 2024

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Explainer

To clarify what we're controling for here:

$$blackmig_{CZ} = \frac{\sum\limits_{j \in CZ} \sum\limits_{c \in C} b_{j,c}}{popc1940}$$

$$sumshare_{CZ} = \frac{\sum\limits_{j \in CZ} \sum\limits_{c \in C} \frac{b_{j,c}}{b_c}}{popc1940}$$

Where $b_{j,c}$ is the number of Black people who left southern county c for a northern city j that is in CZ, b_c is the total number of Black people who left southern county c, i.e. $b_c = \sum\limits_{j \in J} b_{j,c}$, with J being anywhere in the US (except c, of course).

The document is organized as follows. Sections 1, 2, and 3 all use the percentage point instrument and X variables. Sections 4, 5, and 6 all use the percentage instrument and percentage point X variables. Sections 1 and 4 use the original blackmig control, sections 2 and 5 use the sumshare control, and sections 3 and 6 use both. Each section has a balance table, then a pretrends and main table without the imbalanced control(s), then a pretrends and main table with the imbalanced control(s).

1 originalInstrument, blackmigcontrol

	$\widehat{GM}$
Average precipitation	0.208
	(0.567)
Average temperature	-1.524
	(1.740)
Coastal CZ	0.012
	(0.019)
Share of LF employed in manufacturing, 1940	1.886***
	(0.679)
Meters of Railroad per Square Meter of Area, 1940	0.000*
	(0.000)
Above 90th percentile area incorporated	0.054
	(0.058)
Above 95th percentile area incorporated	0.082
	(0.060)
Average Transport Cost out of CZ, 1920	-0.091*
	(0.050)

Base Controls

	IV	Reduced Form
New municipalities per capita, 1900-10	-0.005	-0.018
	(0.003)	(0.012)
New municipalities per capita, 1910-20	-0.003	-0.011
	(0.005)	(0.018)
New municipalities per capita, 1920-30	0.000	0.001
	(0.002)	(0.008)
New municipalities per capita, 1930-40	0.003*	0.009*
	(0.002)	(0.005)
New municipalities per capita, 1910-40	-0.000	-0.001
	(0.008)	(0.028)

Table 1: Effects of change in Black Migration on Municipal Proliferation

| | C. Goodman | | Census of Governments | | | Census |
| | Municipalities | | School districts | Townships | Special districts | Main City Share |
	(1)	(2)	(3)	(4)	(5)	(6)
Panel A: First Stage						
$\widehat{GM}$ (pp)	3.464***	3.464***	3.464***	3.464***	3.464***	3.464***
	(0.418)	(0.418)	(0.418)	(0.418)	(0.418)	(0.418)
Panel B: OLS						
GM	0.004	0.007**	0.285***	0.016***	-0.026***	-1.022***
	(0.003)	(0.003)	(0.084)	(0.005)	(0.008)	(0.143)
Panel C: Reduced Form						
$\widehat{GM}$ (pp)	0.032**	0.046***	1.447***	0.104***	-0.074**	-4.992***
	(0.013)	(0.016)	(0.423)	(0.030)	(0.032)	(0.703)
Panel D: 2SLS						
GM	0.009**	0.013***	0.418***	0.030***	-0.021**	-1.441***
	(0.004)	(0.004)	(0.115)	(0.008)	(0.009)	(0.152)
First Stage F-Stat	68.63	68.63	68.63	68.63	68.63	68.63
Dep. Var. Mean	-0.14	-0.17	-3.57	-0.25	0.26	-14.64
1940 Dep. Var. Mean	0.63	0.68	4.03	0.81	0.42	50.41
Observations	130	130	130	130	130	130

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

With Imbalanced Controls

	IV	Reduced Form
New municipalities per capita, 1900-10	-0.004	-0.012
	(0.004)	(0.014)
New municipalities per capita, 1910-20	0.002	0.006
	(0.005)	(0.014)
New municipalities per capita, 1920-30	0.003	0.009
	(0.002)	(0.007)
New municipalities per capita, 1930-40	0.003	0.009*
	(0.002)	(0.005)
New municipalities per capita, 1910-40	0.008	0.024
	(0.008)	(0.023)

Table 2: Effects of change in Black Migration on Municipal Proliferation

	C. Goodman		Census of Governments			Census
	Municipalities		School districts	Townships	Special districts	Main City Share
	(1)	(2)	(3)	(4)	(5)	(6)
Panel A: First Stage						
$\widehat{GM}$ (pp)	2.963***	2.963***	2.963***	2.963***	2.963***	2.963***
	(0.383)	(0.383)	(0.383)	(0.383)	(0.383)	(0.383)
Panel B: OLS						
GM	0.006**	0.008***	0.127	0.017***	-0.035***	-1.137***
	(0.003)	(0.003)	(0.085)	(0.005)	(0.008)	(0.126)
Panel C: Reduced Form						
$\widehat{GM}$ (pp)	0.039***	0.052***	0.947**	0.108***	-0.091**	-4.929***
	(0.014)	(0.017)	(0.390)	(0.028)	(0.036)	(0.670)
Panel D: 2SLS						
GM	0.013***	0.017***	0.320**	0.036***	-0.031***	-1.663***
	(0.005)	(0.005)	(0.130)	(0.010)	(0.010)	(0.169)
First Stage F-Stat	59.85	59.85	59.85	59.85	59.85	59.85
Dep. Var. Mean	-0.14	-0.17	-3.57	-0.25	0.26	-14.64
1940 Dep. Var. Mean	0.63	0.68	4.03	0.81	0.42	50.41
Observations	130	130	130	130	130	130

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

2 originalInstrument, sumsharescontrol

	$\widehat{GM}$
Average precipitation	0.464
	(0.525)
Average temperature	-1.477
	(1.300)
Coastal CZ	0.029**
	(0.014)
Share of LF employed in manufacturing, 1940	0.751
	(0.619)
Meters of Railroad per Square Meter of Area, 1940	0.000
	(0.000)
Above 90th percentile area incorporated	0.051
	(0.044)
Above 95th percentile area incorporated	0.067
	(0.043)
Average Transport Cost out of CZ, 1920	-0.078**
	(0.035)

Base Controls

	IV	Reduced Form
New municipalities per capita, 1900-10	-0.010***	-0.032***
	(0.003)	(0.010)
New municipalities per capita, 1910-20	-0.005	-0.016
	(0.004)	(0.014)
New municipalities per capita, 1920-30	0.000	0.000
	(0.002)	(0.005)
New municipalities per capita, 1930-40	0.001	0.005
	(0.001)	(0.004)
New municipalities per capita, 1910-40	-0.003	-0.011
	(0.007)	(0.022)

Table 3: Effects of change in Black Migration on Municipal Proliferation

| | C. Goodman | | Census of Governments | | | Census |
| | Municipalities | | School districts | Townships | Special districts | Main City Share |
	(1)	(2)	(3)	(4)	(5)	(6)
Panel A: First Stage						
$\widehat{GM}$ (pp)	3.219***	3.219***	3.219***	3.219***	3.219***	3.219***
	(0.317)	(0.317)	(0.317)	(0.317)	(0.317)	(0.317)
Panel B: OLS						
GM	0.004	0.007**	0.331***	0.018***	-0.028***	-0.939***
	(0.002)	(0.003)	(0.073)	(0.005)	(0.007)	(0.112)
Panel C: Reduced Form						
$\widehat{GM}$ (pp)	0.022**	0.033***	1.326***	0.085***	-0.085***	-3.680***
	(0.009)	(0.010)	(0.316)	(0.019)	(0.026)	(0.503)
Panel D: 2SLS						
GM	0.007**	0.010***	0.412***	0.026***	-0.026***	-1.143***
	(0.003)	(0.003)	(0.092)	(0.006)	(0.008)	(0.128)
First Stage F-Stat	103.36	103.36	103.36	103.36	103.36	103.36
Dep. Var. Mean	-0.14	-0.17	-3.57	-0.25	0.26	-14.64
1940 Dep. Var. Mean	0.63	0.68	4.03	0.81	0.42	50.41
Observations	130	130	130	130	130	130

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

With Imbalanced Controls

	IV	Reduced Form
New municipalities per capita, 1900-10	-0.010***	-0.032***
	(0.004)	(0.012)
New municipalities per capita, 1910-20	-0.006	-0.018
	(0.005)	(0.016)
New municipalities per capita, 1920-30	-0.000	-0.001
	(0.002)	(0.006)
New municipalities per capita, 1930-40	0.001	0.003
	(0.002)	(0.005)
New municipalities per capita, 1910-40	-0.005	-0.016
	(0.007)	(0.024)

Table 4: Effects of change in Black Migration on Municipal Proliferation

	C. Goodman		Census of Governments			Census
	Municipalities		School districts	Townships	Special districts	Main City Share
	(1)	(2)	(3)	(4)	(5)	(6)
Panel A: First Stage						
$\widehat{GM}$ (pp)	3.048***	3.048***	3.048***	3.048***	3.048***	3.048***
	(0.355)	(0.355)	(0.355)	(0.355)	(0.355)	(0.355)
Panel B: OLS						
GM	0.004*	0.007**	0.311***	0.015***	-0.029***	-0.925***
	(0.002)	(0.003)	(0.076)	(0.004)	(0.007)	(0.105)
Panel C: Reduced Form						
$\widehat{GM}$ (pp)	0.024**	0.035***	1.264***	0.077***	-0.089***	-3.545***
	(0.010)	(0.011)	(0.323)	(0.018)	(0.023)	(0.517)
Panel D: 2SLS						
GM	0.008**	0.012***	0.415***	0.025***	-0.029***	-1.163***
	(0.003)	(0.003)	(0.101)	(0.006)	(0.007)	(0.138)
First Stage F-Stat	73.76	73.76	73.76	73.76	73.76	73.76
Dep. Var. Mean	-0.14	-0.17	-3.57	-0.25	0.26	-14.64
1940 Dep. Var. Mean	0.63	0.68	4.03	0.81	0.42	50.41
Observations	130	130	130	130	130	130

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

3   originalInstrument, bothcontrol

	$\widehat{GM}$
Average precipitation	0.211
	(0.803)
Average temperature	-0.158
	(2.320)
Coastal CZ	-0.039
	(0.024)
Share of LF employed in manufacturing, 1940	3.335***
	(0.737)
Meters of Railroad per Square Meter of Area, 1940	0.000***
	(0.000)
Above 90th percentile area incorporated	0.051
	(0.070)
Above 95th percentile area incorporated	0.100
	(0.062)
Average Transport Cost out of CZ, 1920	-0.162**
	(0.070)

Base Controls

	IV	Reduced Form
New municipalities per capita, 1900-10	0.002	0.005
	(0.006)	(0.016)
New municipalities per capita, 1910-20	-0.007	-0.019
	(0.007)	(0.022)
New municipalities per capita, 1920-30	0.001	0.003
	(0.004)	(0.011)
New municipalities per capita, 1930-40	0.004	0.012*
	(0.003)	(0.007)
New municipalities per capita, 1910-40	-0.001	-0.003
	(0.012)	(0.034)

Table 5: Effects of change in Black Migration on Municipal Proliferation

	C. Goodman		Census of Governments			Census
	Municipalities		School districts	Townships	Special districts	Main City Share
	(1)	(2)	(3)	(4)	(5)	(6)
Panel A: First Stage						
$\widehat{GM}$ (pp)	2.812***	2.812***	2.812***	2.812***	2.812***	2.812***
	(0.491)	(0.491)	(0.491)	(0.491)	(0.491)	(0.491)
Panel B: OLS						
GM	0.001	0.003	0.379***	0.011*	-0.030***	-0.790***
	(0.003)	(0.004)	(0.097)	(0.006)	(0.010)	(0.163)
Panel C: Reduced Form						
$\widehat{GM}$ (pp)	0.017	0.022	2.494***	0.099**	-0.071	-3.772***
	(0.021)	(0.023)	(0.527)	(0.042)	(0.047)	(0.927)
Panel D: 2SLS						
GM	0.006	0.008	0.887***	0.035**	-0.025	-1.341***
	(0.007)	(0.008)	(0.198)	(0.016)	(0.016)	(0.286)
First Stage F-Stat	32.82	32.82	32.82	32.82	32.82	32.82
Dep. Var. Mean	-0.14	-0.17	-3.57	-0.25	0.26	-14.64
1940 Dep. Var. Mean	0.63	0.68	4.03	0.81	0.42	50.41
Observations	130	130	130	130	130	130

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

With Imbalanced Controls

	IV	Reduced Form
New municipalities per capita, 1900-10	0.014	0.023
	(0.011)	(0.018)
New municipalities per capita, 1910-20	0.007	0.012
	(0.010)	(0.018)
New municipalities per capita, 1920-30	0.011**	0.019*
	(0.005)	(0.010)
New municipalities per capita, 1930-40	0.008	0.013*
	(0.005)	(0.008)
New municipalities per capita, 1910-40	0.026	0.044
	(0.018)	(0.028)

Table 6: Effects of change in Black Migration on Municipal Proliferation

	C. Goodman		Census of Governments			Census
	Municipalities		School districts	Townships	Special districts	Main City Share
	(1)	(2)	(3)	(4)	(5)	(6)
Panel A: First Stage						
$\widehat{GM}$ (pp)	1.706***	1.706***	1.706***	1.706***	1.706***	1.706***
	(0.520)	(0.520)	(0.520)	(0.520)	(0.520)	(0.520)
Panel B: OLS						
GM	0.001	0.003	0.176*	0.011*	-0.044***	-0.868***
	(0.003)	(0.003)	(0.098)	(0.006)	(0.010)	(0.124)
Panel C: Reduced Form						
$\widehat{GM}$ (pp)	0.027	0.028	1.805***	0.107**	-0.102*	-3.311***
	(0.022)	(0.024)	(0.531)	(0.043)	(0.052)	(0.828)
Panel D: 2SLS						
GM	0.016	0.016	1.058***	0.063**	-0.060**	-1.941***
	(0.014)	(0.015)	(0.403)	(0.032)	(0.030)	(0.562)
First Stage F-Stat	10.77	10.77	10.77	10.77	10.77	10.77
Dep. Var. Mean	-0.14	-0.17	-3.57	-0.25	0.26	-14.64
1940 Dep. Var. Mean	0.63	0.68	4.03	0.81	0.42	50.41
Observations	130	130	130	130	130	130

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

4 percentInstrument, blackmigcontrol

	$\widehat{GM}$
Average precipitation	-0.046
	(0.391)
Average temperature	-0.821
	(1.357)
Coastal CZ	0.001
	(0.017)
Share of LF employed in manufacturing, 1940	1.177**
	(0.468)
Meters of Railroad per Square Meter of Area, 1940	0.000
	(0.000)
Above 90th percentile area incorporated	0.026
	(0.043)
Above 95th percentile area incorporated	0.045
	(0.044)
Average Transport Cost out of CZ, 1920	-0.047
	(0.038)

Base Controls

	IV	Reduced Form
New municipalities per capita, 1900-10	-0.009**	-0.024**
	(0.004)	(0.010)
New municipalities per capita, 1910-20	-0.002	-0.006
	(0.005)	(0.014)
New municipalities per capita, 1920-30	0.001	0.002
	(0.002)	(0.006)
New municipalities per capita, 1930-40	0.002	0.005
	(0.002)	(0.005)
New municipalities per capita, 1910-40	0.001	0.001
	(0.009)	(0.022)

Table 7: Effects of change in Black Migration on Municipal Proliferation

	C. Goodman		Census of Governments			Census
	Municipalities		School districts	Townships	Special districts	Main City Share
	(1)	(2)	(3)	(4)	(5)	(6)
Panel A: First Stage						
$\widehat{GM}$ (pct)	2.557***	2.557***	2.557***	2.557***	2.557***	2.557***
	(0.367)	(0.367)	(0.367)	(0.367)	(0.367)	(0.367)
Panel B: OLS						
GM	0.004	0.007**	0.285***	0.016***	-0.026***	-1.022***
	(0.003)	(0.003)	(0.084)	(0.005)	(0.008)	(0.143)
Panel C: Reduced Form						
$\widehat{GM}$ (pct)	0.018	0.028**	0.834**	0.070***	-0.042*	-3.653***
	(0.011)	(0.013)	(0.338)	(0.023)	(0.023)	(0.590)
Panel D: 2SLS						
GM	0.007*	0.011**	0.326***	0.027***	-0.017**	-1.429***
	(0.004)	(0.004)	(0.118)	(0.008)	(0.008)	(0.147)
First Stage F-Stat	48.57	48.57	48.57	48.57	48.57	48.57
Dep. Var. Mean	-0.14	-0.17	-3.57	-0.25	0.26	-14.64
1940 Dep. Var. Mean	0.63	0.68	4.03	0.81	0.42	50.41
Observations	130	130	130	130	130	130

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

With Imbalanced Controls

	IV	Reduced Form
New municipalities per capita, 1900-10	-0.010**	-0.022*
	(0.005)	(0.011)
New municipalities per capita, 1910-20	0.002	0.004
	(0.005)	(0.011)
New municipalities per capita, 1920-30	0.002	0.005
	(0.003)	(0.006)
New municipalities per capita, 1930-40	0.002	0.006
	(0.002)	(0.005)
New municipalities per capita, 1910-40	0.007	0.015
	(0.009)	(0.019)

Table 8: Effects of change in Black Migration on Municipal Proliferation

	C. Goodman		Census of Governments			Census
	Municipalities		School districts	Townships	Special districts	Main City Share
	(1)	(2)	(3)	(4)	(5)	(6)
Panel A: First Stage						
$\widehat{GM}$ (pct)	2.237***	2.237***	2.237***	2.237***	2.237***	2.237***
	(0.344)	(0.344)	(0.344)	(0.344)	(0.344)	(0.344)
Panel B: OLS						
GM	0.004	0.007**	0.150*	0.019***	-0.025***	-1.049***
	(0.003)	(0.004)	(0.087)	(0.006)	(0.008)	(0.151)
Panel C: Reduced Form						
$\widehat{GM}$ (pct)	0.018	0.026*	0.475	0.073***	-0.030	-3.450***
	(0.011)	(0.014)	(0.306)	(0.023)	(0.024)	(0.578)
Panel D: 2SLS						
GM	0.008*	0.012**	0.213*	0.032***	-0.013	-1.542***
	(0.005)	(0.005)	(0.125)	(0.009)	(0.010)	(0.162)
First Stage F-Stat	42.28	42.28	42.28	42.28	42.28	42.28
Dep. Var. Mean	-0.14	-0.17	-3.57	-0.25	0.26	-14.64
1940 Dep. Var. Mean	0.63	0.68	4.03	0.81	0.42	50.41
Observations	130	130	130	130	130	130

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

5 percentInstrument, sumsharescontrol

	$\widehat{GM}$
Average precipitation	0.270
	(0.335)
Average temperature	-0.958
	(0.896)
Coastal CZ	0.019**
	(0.009)
Share of LF employed in manufacturing, 1940	0.375
	(0.467)
Meters of Railroad per Square Meter of Area, 1940	0.000
	(0.000)
Above 90th percentile area incorporated	0.031
	(0.030)
Above 95th percentile area incorporated	0.041
	(0.030)
Average Transport Cost out of CZ, 1920	-0.047*
	(0.026)

Base Controls

	IV	Reduced Form
New municipalities per capita, 1900-10	-0.012***	-0.029***
	(0.004)	(0.009)
New municipalities per capita, 1910-20	-0.005	-0.011
	(0.004)	(0.010)
New municipalities per capita, 1920-30	0.000	0.000
	(0.002)	(0.004)
New municipalities per capita, 1930-40	0.001	0.003
	(0.002)	(0.004)
New municipalities per capita, 1910-40	-0.003	-0.008
	(0.007)	(0.016)

Table 9: Effects of change in Black Migration on Municipal Proliferation

| | C. Goodman | | Census of Governments | | | Census |
| | Municipalities | | School districts | Townships | Special districts | Main City Share |
	(1)	(2)	(3)	(4)	(5)	(6)
Panel A: First Stage						
$\widehat{GM}$ (pct)	2.338***	2.338***	2.338***	2.338***	2.338***	2.338***
	(0.290)	(0.290)	(0.290)	(0.290)	(0.290)	(0.290)
Panel B: OLS						
GM	0.004	0.007**	0.331***	0.018***	-0.028***	-0.939***
	(0.002)	(0.003)	(0.073)	(0.005)	(0.007)	(0.112)
Panel C: Reduced Form						
$\widehat{GM}$ (pct)	0.013*	0.021**	0.852***	0.058***	-0.057***	-2.601***
	(0.008)	(0.009)	(0.268)	(0.015)	(0.019)	(0.432)
Panel D: 2SLS						
GM	0.006*	0.009***	0.364***	0.025***	-0.024***	-1.112***
	(0.003)	(0.003)	(0.094)	(0.006)	(0.007)	(0.120)
First Stage F-Stat	65.10	65.10	65.10	65.10	65.10	65.10
Dep. Var. Mean	-0.14	-0.17	-3.57	-0.25	0.26	-14.64
1940 Dep. Var. Mean	0.63	0.68	4.03	0.81	0.42	50.41
Observations	130	130	130	130	130	130

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

With Imbalanced Controls

	IV	Reduced Form
New municipalities per capita, 1900-10	-0.013***	-0.029***
	(0.005)	(0.010)
New municipalities per capita, 1910-20	-0.006	-0.012
	(0.005)	(0.011)
New municipalities per capita, 1920-30	-0.000	-0.000
	(0.002)	(0.004)
New municipalities per capita, 1930-40	0.001	0.002
	(0.002)	(0.004)
New municipalities per capita, 1910-40	-0.005	-0.011
	(0.007)	(0.017)

Table 10: Effects of change in Black Migration on Municipal Proliferation

| | C. Goodman | | Census of Governments | | | Census |
| | Municipalities | | School districts | Townships | Special districts | Main City Share |
	(1)	(2)	(3)	(4)	(5)	(6)
Panel A: First Stage						
$\widehat{GM}$ (pct)	2.185***	2.185***	2.185***	2.185***	2.185***	2.185***
	(0.302)	(0.302)	(0.302)	(0.302)	(0.302)	(0.302)
Panel B: OLS						
GM	0.004*	0.007**	0.311***	0.015***	-0.029***	-0.925***
	(0.002)	(0.003)	(0.076)	(0.004)	(0.007)	(0.105)
Panel C: Reduced Form						
$\widehat{GM}$ (pct)	0.014*	0.022**	0.782***	0.051***	-0.058***	-2.458***
	(0.008)	(0.009)	(0.269)	(0.015)	(0.018)	(0.436)
Panel D: 2SLS						
GM	0.006*	0.010***	0.358***	0.023***	-0.026***	-1.125***
	(0.004)	(0.004)	(0.102)	(0.006)	(0.007)	(0.127)
First Stage F-Stat	52.50	52.50	52.50	52.50	52.50	52.50
Dep. Var. Mean	-0.14	-0.17	-3.57	-0.25	0.26	-14.64
1940 Dep. Var. Mean	0.63	0.68	4.03	0.81	0.42	50.41
Observations	130	130	130	130	130	130

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

6   percentInstrument, bothcontrol

	$\widehat{GM}$
Average precipitation	-0.292
	(0.786)
Average temperature	0.937
	(2.127)
Coastal CZ	-0.059**
	(0.025)
Share of LF employed in manufacturing, 1940	2.253***
	(0.623)
Meters of Railroad per Square Meter of Area, 1940	0.000**
	(0.000)
Above 90th percentile area incorporated	0.004
	(0.056)
Above 95th percentile area incorporated	0.040
	(0.050)
Average Transport Cost out of CZ, 1920	-0.089
	(0.058)

Base Controls

	IV	Reduced Form
New municipalities per capita, 1900-10	-0.007	-0.013
	(0.007)	(0.013)
New municipalities per capita, 1910-20	-0.006	-0.010
	(0.010)	(0.019)
New municipalities per capita, 1920-30	0.003	0.005
	(0.006)	(0.010)
New municipalities per capita, 1930-40	0.004	0.006
	(0.004)	(0.006)
New municipalities per capita, 1910-40	0.001	0.002
	(0.017)	(0.031)

Table 11: Effects of change in Black Migration on Municipal Proliferation

	C. Goodman		Census of Governments			Census
	Municipalities		School districts	Townships	Special districts	Main City Share
	(1)	(2)	(3)	(4)	(5)	(6)
Panel A: First Stage						
$\widehat{GM}$ (pct)	1.784***	1.784***	1.784***	1.784***	1.784***	1.784***
	(0.452)	(0.452)	(0.452)	(0.452)	(0.452)	(0.452)
Panel B: OLS						
GM	0.001	0.003	0.379***	0.011*	-0.030***	-0.790***
	(0.003)	(0.004)	(0.097)	(0.006)	(0.010)	(0.163)
Panel C: Reduced Form						
$\widehat{GM}$ (pct)	-0.005	-0.004	1.512***	0.053	-0.022	-2.227***
	(0.016)	(0.017)	(0.449)	(0.035)	(0.036)	(0.746)
Panel D: 2SLS						
GM	-0.003	-0.002	0.848***	0.030	-0.012	-1.248***
	(0.009)	(0.009)	(0.256)	(0.020)	(0.019)	(0.353)
First Stage F-Stat	15.59	15.59	15.59	15.59	15.59	15.59
Dep. Var. Mean	-0.14	-0.17	-3.57	-0.25	0.26	-14.64
1940 Dep. Var. Mean	0.63	0.68	4.03	0.81	0.42	50.41
Observations	130	130	130	130	130	130

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

With Imbalanced Controls

	IV	Reduced Form
New municipalities per capita, 1900-10	-0.003	-0.003
	(0.014)	(0.015)
New municipalities per capita, 1910-20	0.012	0.014
	(0.015)	(0.016)
New municipalities per capita, 1920-30	0.016**	0.018*
	(0.008)	(0.009)
New municipalities per capita, 1930-40	0.007	0.007
	(0.007)	(0.007)
New municipalities per capita, 1910-40	0.036	0.039
	(0.027)	(0.027)

Table 12: Effects of change in Black Migration on Municipal Proliferation

| | C. Goodman | | Census of Governments | | | Census |
| | Municipalities | | School districts | Townships | Special districts | Main City Share |
	(1)	(2)	(3)	(4)	(5)	(6)
Panel A: First Stage						
$\widehat{GM}$ (pct)	1.085**	1.085**	1.085**	1.085**	1.085**	1.085**
	(0.470)	(0.470)	(0.470)	(0.470)	(0.470)	(0.470)
Panel B: OLS						
GM	0.000	0.001	0.136	0.011*	-0.037***	-0.878***
	(0.003)	(0.004)	(0.093)	(0.006)	(0.011)	(0.123)
Panel C: Reduced Form						
$\widehat{GM}$ (pct)	-0.002	-0.005	1.081***	0.057	-0.051	-1.968***
	(0.017)	(0.018)	(0.366)	(0.035)	(0.040)	(0.656)
Panel D: 2SLS						
GM	-0.002	-0.005	0.996**	0.052	-0.047	-1.814***
	(0.014)	(0.016)	(0.503)	(0.038)	(0.037)	(0.678)
First Stage F-Stat	5.34	5.34	5.34	5.34	5.34	5.34
Dep. Var. Mean	-0.14	-0.17	-3.57	-0.25	0.26	-14.64
1940 Dep. Var. Mean	0.63	0.68	4.03	0.81	0.42	50.41
Observations	130	130	130	130	130	130

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