Simple Tables for Municipality Proliferation

December 17, 2023

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1 MAIN

	$\widehat{GM}$
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, 1940	0.000*
	(0.000)
Above 90th percentile area incorporated	0.054
	(0.058)
Above 95th percentile area incorporated	0.082
	(0.060)
1920 transportation cost	-0.091*
	(0.050)
Fraction of urban population living in largest city	0.012
	(0.014)

	IV	Reduced Form
New municipalities per capita, 1900-10	-0.005	-0.016
	(0.004)	(0.013)
New municipalities per capita, 1910-20	-0.003	-0.010
	(0.005)	(0.018)
New municipalities per capita, 1920-30	0.000	0.001
	(0.002)	(0.007)
New municipalities per capita, 1930-40	0.003	0.009*
	(0.002)	(0.005)
New municipalities per capita, 1910-40	0.000	0.001
	(0.008)	(0.027)

	IV	Reduced Form
New municipalities per capita, 1900-10	-0.002	-0.007
	(0.005)	(0.015)
New municipalities per capita, 1910-20	0.002	0.006
	(0.004)	(0.013)
New municipalities per capita, 1920-30	0.003	0.010
	(0.002)	(0.007)
New municipalities per capita, 1930-40	0.003	0.009
	(0.002)	(0.006)
New municipalities per capita, 1910-40	0.008	0.025
	(0.008)	(0.022)

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

	C. Goodman		Census of Governments			Census
	Municipalities		School districts	Townships	Special districts	Principal City Share
	(1)	(2)	(3)	(4)	(5)	(6)
Panel A: First Stage						
$\widehat{GM}$	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						
$\widehat{GM}$	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
Dependent Variable Mean	-.14	-.17	-3.57	-.25	.26	-14.64
Observations	130	130	130	130	130	130

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

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

	C. Goodman	Census of Governments			Census
	Municipalities		School districts	Townships	Special districts	Principal City Share
	(1)	(2)	(3)	(4)	(5)	(6)
Panel A: First Stage						
$\widehat{GM}$	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						
$\widehat{GM}$	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
Dependent Variable Mean	-.14	-.17	-3.57	-.25	.26	-14.64
Observations	130	130	130	130	130	130

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

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

	C. Goodman	Census of Governments				Census
	Municipalities		School districts	Townships	Special districts	Principal City Share
	(1)	(2)	(3)	(4)	(5)	(6)
Panel A: First Stage						
$\widehat{GM}$	2.791***	2.791***	2.791***	2.791***	2.791***	2.791***
	(0.525)	(0.525)	(0.525)	(0.525)	(0.525)	(0.525)
Panel B: OLS						
GM	0.001	0.005	0.185**	0.009	-0.027***	-0.941***
	(0.003)	(0.004)	(0.083)	(0.005)	(0.008)	(0.189)
Panel C: Reduced Form						
$\widehat{GM}$	0.022	0.037**	1.012**	0.079**	-0.056	-4.348***
	(0.015)	(0.017)	(0.443)	(0.032)	(0.038)	(0.787)
Panel D: 2SLS						
GM	0.008	0.013**	0.362**	0.028**	-0.020	-1.558***
	(0.005)	(0.006)	(0.157)	(0.011)	(0.013)	(0.198)
First Stage F-Stat	28.3	28.3	28.3	28.3	28.3	28.3
Dependent Variable Mean	-.14	-.17	-3.57	-.25	.26	-14.64
Observations	130	130	130	130	130	130

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

Table 4: Effects of change in Black Migration on Municipal Proliferation, European Migration Control, Balanced Controls

	C. Goodman		Census of Governments			Census
	Municipalities		School districts	Townships	Special districts	Principal City Share
	(1)	(2)	(3)	(4)	(5)	(6)
Panel A: First Stage						
$\widehat{GM}$	2.263***	2.263***	2.263***	2.263***	2.263***	2.263***
	(0.457)	(0.457)	(0.457)	(0.457)	(0.457)	(0.457)
Panel B: OLS						
GM	0.002	0.005	-0.046	0.009	-0.035***	-1.063***
	(0.003)	(0.004)	(0.076)	(0.006)	(0.009)	(0.144)
Panel C: Reduced Form						
$\widehat{GM}$	0.028*	0.042**	0.465	0.084***	-0.066*	-4.229***
	(0.016)	(0.018)	(0.424)	(0.032)	(0.037)	(0.726)
Panel D: 2SLS						
GM	0.013*	0.018**	0.206	0.037**	-0.029*	-1.869***
	(0.007)	(0.008)	(0.188)	(0.015)	(0.016)	(0.243)
First Stage F-Stat	24.48	24.48	24.48	24.48	24.48	24.48
Dependent Variable Mean	-.14	-.17	-3.57	-.25	.26	-14.64
Observations	130	130	130	130	130	130

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

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

	C. Goodman		Census of Governments			Census
	Municipalities		School districts	Townships	Special districts	Principal City Share
	(1)	(2)	(3)	(4)	(5)	(6)
Panel A: First Stage						
$\widehat{GM}$ Percentile	0.639***	0.639***	0.639***	0.639***	0.639***	0.639***
	(0.099)	(0.099)	(0.099)	(0.099)	(0.099)	(0.099)
Panel B: OLS						
GM Percentile	0.000	0.001	0.109***	0.003*	-0.012***	-0.246***
	(0.001)	(0.001)	(0.028)	(0.002)	(0.003)	(0.054)
Panel C: Reduced Form						
$\widehat{GM}$ Percentile	0.001	0.002	0.108***	0.005**	-0.005*	-0.244***
	(0.001)	(0.001)	(0.032)	(0.002)	(0.003)	(0.054)
Panel D: 2SLS						
GM Percentile	0.002	0.003	0.169***	0.009**	-0.008**	-0.382***
	(0.002)	(0.002)	(0.049)	(0.003)	(0.004)	(0.086)
First Stage F-Stat	41.8	41.8	41.8	41.8	41.8	41.8
Dependent Variable Mean	-.14	-.17	-3.57	-.25	.26	-14.64
Observations	130	130	130	130	130	130

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

Table 6: Effects of change in Black Migration on Municipal Proliferation, Percentile Rank, Balanced Controls

	C. Goodman		Census of Governments			Census
	Municipalities		School districts	Townships	Special districts	Principal City Share
	(1)	(2)	(3)	(4)	(5)	(6)
Panel A: First Stage						
$\widehat{GM}$ Percentile	0.626***	0.626***	0.626***	0.626***	0.626***	0.626***
	(0.110)	(0.110)	(0.110)	(0.110)	(0.110)	(0.110)
Panel B: OLS						
GM Percentile	0.000	0.001	0.065**	0.003	-0.015***	-0.240***
	(0.001)	(0.001)	(0.027)	(0.002)	(0.002)	(0.049)
Panel C: Reduced Form						
$\widehat{GM}$ Percentile	0.002**	0.003**	0.104***	0.005**	-0.009***	-0.240***
	(0.001)	(0.001)	(0.027)	(0.002)	(0.003)	(0.059)
Panel D: 2SLS						
GM Percentile	0.003**	0.004**	0.167***	0.008**	-0.015***	-0.383***
	(0.002)	(0.002)	(0.044)	(0.004)	(0.004)	(0.088)
First Stage F-Stat	32.31	32.31	32.31	32.31	32.31	32.31
Dependent Variable Mean	-.14	-.17	-3.57	-.25	.26	-14.64
Observations	130	130	130	130	130	130

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

Table 7: Effects of change in Black Migration on Municipal Proliferation, 1950-70

	C. Goodman	Census of Governments				Census
	Municipalities		School districts	Townships	Special districts	Principal City Share
	(1)	(2)	(3)	(4)	(5)	(6)
Panel A: First Stage						
$\widehat{GM}$	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	0.003	0.005**	0.181***	0.011***	-0.017**	-0.800***
	(0.002)	(0.002)	(0.050)	(0.003)	(0.007)	(0.135)
Panel C: Reduced Form						
$\widehat{GM}$	0.019**	0.027**	0.918***	0.067***	-0.055**	-4.145***
	(0.010)	(0.012)	(0.223)	(0.017)	(0.024)	(0.637)
Panel D: 2SLS						
GM	0.006**	0.008***	0.265***	0.019***	-0.016**	-1.197***
	(0.002)	(0.003)	(0.061)	(0.004)	(0.006)	(0.138)
First Stage F-Stat	68.63	68.63	68.63	68.63	68.63	68.63
Dependent Variable Mean	-.09	-.1	-1.87	-.16	.19	-11.49
Observations	130	130	130	130	130	130

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

Table 8: Effects of change in Black Migration on Municipal Proliferation, 1950-70, Balanced Controls

	C. Goodman		Census of Governments			Census
	Municipalities		School districts	Townships	Special districts	Principal City Share
	(1)	(2)	(3)	(4)	(5)	(6)
Panel A: First Stage						
$\widehat{GM}$	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	0.003*	0.006**	0.084*	0.010***	-0.026***	-0.904***
	(0.002)	(0.002)	(0.049)	(0.003)	(0.007)	(0.129)
Panel C: Reduced Form						
$\widehat{GM}$	0.022**	0.029**	0.595***	0.066***	-0.080***	-4.155***
	(0.011)	(0.013)	(0.191)	(0.016)	(0.030)	(0.617)
Panel D: 2SLS						
GM	0.007**	0.010***	0.201***	0.022***	-0.027***	-1.402***
	(0.003)	(0.004)	(0.065)	(0.005)	(0.008)	(0.150)
First Stage F-Stat	59.85	59.85	59.85	59.85	59.85	59.85
Dependent Variable Mean	-.09	-.1	-1.87	-.16	.19	-11.49
Observations	130	130	130	130	130	130

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

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

	C. Goodman		Census of Governments			Census
	Municipalities		School districts	Townships	Special districts	Principal City Share
	(1)	(2)	(3)	(4)	(5)	(6)
Panel A: First Stage						
GM_8_hat_raw_pp	2.771***	2.771***	2.771***	2.771***	2.771***	2.771***
	(0.507)	(0.507)	(0.507)	(0.507)	(0.507)	(0.507)
Panel B: OLS						
WM_raw_pp	-0.004*	-0.006***	-0.263***	-0.014***	0.022***	0.712***
	(0.002)	(0.002)	(0.064)	(0.004)	(0.007)	(0.127)
Panel C: Reduced Form						
GM_8_hat_raw_pp	0.023*	0.019	0.039	-0.021	0.021	2.000***
	(0.013)	(0.015)	(0.365)	(0.026)	(0.028)	(0.643)
Panel D: 2SLS						
WM_raw_pp	0.008	0.007	0.014	-0.007	0.008	0.722***
	(0.005)	(0.006)	(0.130)	(0.008)	(0.009)	(0.164)
First Stage F-Stat	29.81	29.81	29.81	29.81	29.81	29.81
Dependent Variable Mean	-.14	-.17	-3.57	-.25	.26	-14.64
Observations	130	130	130	130	130	130

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

Table 10: Effects of change in White Migration on Municipal Proliferation, Balanced Controls

	C. Goodman		Census of Governments			Census
	Municipalities		School districts	Townships	Special districts	Principal City Share
	(1)	(2)	(3)	(4)	(5)	(6)
Panel A: First Stage						
$\widehat{WM}$	3.753***	3.753***	3.753***	3.753***	3.753***	3.753***
	(0.502)	(0.502)	(0.502)	(0.502)	(0.502)	(0.502)
Panel B: OLS						
WM	-0.004**	-0.007***	-0.199***	-0.014***	0.026***	0.722***
	(0.002)	(0.002)	(0.065)	(0.004)	(0.008)	(0.134)
Panel C: Reduced Form						
$\widehat{WM}$	0.025*	0.018	-0.552	-0.024	0.039	2.940***
	(0.015)	(0.017)	(0.374)	(0.029)	(0.035)	(0.725)
Panel D: 2SLS						
WM	0.007	0.005	-0.147	-0.006	0.011	0.783***
	(0.004)	(0.005)	(0.090)	(0.007)	(0.008)	(0.138)
First Stage F-Stat	55.97	55.97	55.97	55.97	55.97	55.97
Dependent Variable Mean	-.14	-.17	-3.57	-.25	.26	-14.64
Observations	130	130	130	130	130	130

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

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

	C. Goodman		Census of Governments			Census
	Municipalities		School districts	Townships	Special districts	Principal City Share
	(1)	(2)	(3)	(4)	(5)	(6)
Panel A: First Stage						
$\widehat{GM}$	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	0.011***	0.014***	0.294***	0.029***	-0.038***	-0.821***
	(0.004)	(0.004)	(0.085)	(0.007)	(0.008)	(0.263)
Panel C: Reduced Form						
$\widehat{GM}$	0.060***	0.075***	1.488***	0.166***	-0.101**	-4.326***
	(0.016)	(0.019)	(0.427)	(0.040)	(0.050)	(1.115)
Panel D: 2SLS						
GM	0.017***	0.022***	0.430***	0.048***	-0.029**	-1.171***
	(0.004)	(0.005)	(0.117)	(0.011)	(0.013)	(0.243)
First Stage F-Stat	68.63	68.63	68.63	68.63	68.63	68.63
Dependent Variable Mean	-.2	-.24	-3.68	-.33	.38	-25.87
Observations	130	130	130	130	130	31

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

Table 12: Effects of change in Black Migration on Municipal Proliferation, long differences, new controls

	C. Goodman		Census of Governments			Census
	Municipalities		School districts	Townships	Special districts	Principal City Share
	(1)	(2)	(3)	(4)	(5)	(6)
Panel A: First Stage						
$\widehat{GM}$	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	0.010***	0.013***	0.131	0.026***	-0.039***	-0.947***
	(0.004)	(0.004)	(0.087)	(0.007)	(0.010)	(0.245)
Panel C: Reduced Form						
$\widehat{GM}$	0.056***	0.067***	0.964**	0.152***	-0.102*	-4.118***
	(0.017)	(0.020)	(0.395)	(0.039)	(0.052)	(1.204)
Panel D: 2SLS						
GM	0.019***	0.023***	0.325**	0.051***	-0.034**	-1.293***
	(0.005)	(0.006)	(0.132)	(0.013)	(0.016)	(0.236)
First Stage F-Stat	59.85	59.85	59.85	59.85	59.85	59.85
Dependent Variable Mean	-.2	-.24	-3.68	-.33	.38	-25.87
Observations	130	130	130	130	130	31

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

Table 13: Effects of change in Black Migration on Municipal Proliferation, Quadratic Term

	C. Goodman		Census of Governments			Census
	Municipalities		School districts	Townships	Special districts	Principal City Share
	(1)	(2)	(3)	(4)	(5)	(6)
Panel A: First Stage						
$\widehat{GM}$	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	0.009	0.015**	0.688***	0.022*	-0.060***	-1.122***
	(0.006)	(0.007)	(0.164)	(0.011)	(0.016)	(0.248)
GM_raw_pp_2	-0.000	-0.000	-0.016***	-0.000	0.001***	0.004
	(0.000)	(0.000)	(0.005)	(0.000)	(0.000)	(0.007)
Panel C: Reduced Form						
$\widehat{GM}$	0.052***	0.066***	2.605***	0.143***	-0.125**	-6.223***
	(0.017)	(0.021)	(0.537)	(0.037)	(0.050)	(0.817)
GM_hat_raw_pp_2	-0.003*	-0.003	-0.184***	-0.006**	0.008*	0.195**
	(0.002)	(0.002)	(0.050)	(0.003)	(0.004)	(0.089)
Panel D: 2SLS						
GM	0.017**	0.019**	0.912***	0.040***	-0.042**	-1.546***
	(0.007)	(0.009)	(0.217)	(0.014)	(0.019)	(0.348)
GM_raw_pp_2	-0.000	-0.000	-0.019**	-0.000	0.001	0.004
	(0.000)	(0.000)	(0.007)	(0.000)	(0.001)	(0.011)
First Stage F-Stat	68.63	68.63	68.63	68.63	68.63	68.63
Dependent Variable Mean	-.14	-.17	-3.57	-.25	.26	-14.64
Observations	130	130	130	130	130	130

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

Table 14: Effects of change in Black Migration on Municipal Proliferation, Quadratic Term, Balanced Controls

	C. Goodman		Census of Governments			Census
	Municipalities		School districts	Townships	Special districts	Principal City Share
	(1)	(2)	(3)	(4)	(5)	(6)
Panel A: First Stage						
$\widehat{GM}$	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	0.013**	0.019***	0.551***	0.022*	-0.086***	-1.278***
	(0.006)	(0.007)	(0.151)	(0.012)	(0.011)	(0.245)
GM_raw_pp_2	-0.000	-0.000*	-0.016***	-0.000	0.002***	0.005
	(0.000)	(0.000)	(0.005)	(0.000)	(0.000)	(0.007)
Panel C: Reduced Form						
$\widehat{GM}$	0.070***	0.082***	2.191***	0.152***	-0.181***	-6.344***
	(0.017)	(0.020)	(0.458)	(0.037)	(0.051)	(0.777)
GM_hat_raw_pp_2	-0.004***	-0.004**	-0.181***	-0.006**	0.013***	0.206**
	(0.002)	(0.002)	(0.040)	(0.003)	(0.004)	(0.090)
Panel D: 2SLS						
GM	0.025***	0.028***	0.896***	0.048***	-0.069***	-1.843***
	(0.007)	(0.009)	(0.196)	(0.016)	(0.015)	(0.360)
GM_raw_pp_2	-0.000*	-0.000	-0.021***	-0.000	0.001***	0.007
	(0.000)	(0.000)	(0.006)	(0.000)	(0.000)	(0.010)
First Stage F-Stat	59.85	59.85	59.85	59.85	59.85	59.85
Dependent Variable Mean	-.14	-.17	-3.57	-.25	.26	-14.64
Observations	130	130	130	130	130	130

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