

Simple Tables for Municipality Proliferation

August 23, 2023

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1 Original Instrument design, Urban Populations

1.1 CGoodman

Table 1: Dererencourt Table Two with y=New Govs, Earliest Year of Municipal Incorporation Pooled, Urban Population, Census Region and Black Mig Share controls.

	First Stage (1)	OLS (2)	Reduced Form (3)	2SLS (4)
Predicted Percentage Point Change in Urban Black Population	3.464*** (0.418)		0.0407* (0.0227)	
Percentage Point Change in Urban Black Population		0.00613* (0.00349)		0.0117* (0.00638)
F-Stat	68.633			
Observations	130	130	130	130

Standard errors in parentheses
* p|0.10, ** p|0.05, *** p|0.01

1.2 School Districts

Table 2: Dererencourt Table Two with y=New Govs, Number of Independent School Districts Pooled, Urban Population, Census Region and Black Mig Share controls.

	First Stage (1)	OLS (2)	Reduced Form (3)	2SLS (4)
Predicted Percentage Point Change in Urban Black Population	3.464*** (0.418)		1.446*** (0.423)	
Percentage Point Change in Urban Black Population		0.288*** (0.0840)		0.418*** (0.115)
F-Stat	68.633			
Observations	130	130	130	130

Standard errors in parentheses
* p|0.10, ** p|0.05, *** p|0.01

1.3 Subcounty Governments

Table 3: Dererencourt Table Two with y=New Govs, Number of Subcounty Govts (town, twp, muni) Pooled, Urban Population, Census Region and Black Mig Share controls.

	First Stage (1)	OLS (2)	Reduced Form (3)	2SLS (4)
Predicted Percentage Point Change in Urban Black Population	3.464*** (0.418)		0.157*** (0.0497)	
Percentage Point Change in Urban Black Population		0.0257*** (0.00827)		0.0454*** (0.0135)
F-Stat	68.633			
Observations	130	130	130	130

Standard errors in parentheses
* p|0.10, ** p|0.05, *** p|0.01

1.4 Special Districts

Table 4: Dererencourt Table Two with y=New Govs, Number of Special Purpose Districts Pooled, Urban Population, Census Region and Black Mig Share controls.

	First Stage (1)	OLS (2)	Reduced Form (3)	2SLS (4)
Predicted Percentage Point Change in Urban Black Population	3.464*** (0.418)		-0.0756** (0.0319)	
Percentage Point Change in Urban Black Population		-0.0268*** (0.00814)		-0.0218** (0.00866)
F-Stat	68.633			
Observations	130	130	130	130

Standard errors in parentheses
* p_i0.10, ** p_i0.05, *** p_i0.01

1.5 Townships

Table 5: Dererencourt Table Two with y=New Govs, Number of Town and Township Govts Pooled, Urban Population, Census Region and Black Mig Share controls.

	First Stage (1)	OLS (2)	Reduced Form (3)	2SLS (4)
Predicted Percentage Point Change in Urban Black Population	3.464*** (0.418)		0.104*** (0.0298)	
Percentage Point Change in Urban Black Population		0.0163*** (0.00525)		0.0301*** (0.00812)
F-Stat	68.633			
Observations	130	130	130	130

Standard errors in parentheses
* p|0.10, ** p|0.05, *** p|0.01

2 Original Instrument design, southern data construction, Urban Populations

2.1 CGoodman

Table 6: Dererencourt Table Two with y=New Govs, Earliest Year of Municipal Incorporation Pooled, Urban Population, Census Region and Black Mig Share controls.

	First Stage (1)	OLS (2)	Reduced Form (3)	2SLS (4)
Predicted Percentage Point Change in Urban Black Population	3.535*** (0.406)		0.0372 (0.0254)	
Percentage Point Change in Urban Black Population		0.00777* (0.00426)		0.0105 (0.00689)
F-Stat	75.73			
Observations	130	130	130	130

Standard errors in parentheses
* p|0.10, ** p|0.05, *** p|0.01

2.2 School Districts

Table 7: Dererencourt Table Two with y=New Govs, Number of Independent School Districts Pooled, Urban Population, Census Region and Black Mig Share controls.

	First Stage (1)	OLS (2)	Reduced Form (3)	2SLS (4)
Predicted Percentage Point Change in Urban Black Population	3.535*** (0.406)		1.435*** (0.416)	
Percentage Point Change in Urban Black Population		0.288*** (0.0830)		0.406*** (0.113)
F-Stat	75.73			
Observations	130	130	130	130

Standard errors in parentheses
* p|0.10, ** p|0.05, *** p|0.01

2.3 Subcounty Governments

Table 8: Dererencourt Table Two with y=New Govs, Number of Subcounty Govts (town, twp, muni) Pooled, Urban Population, Census Region and Black Mig Share controls.

	First Stage (1)	OLS (2)	Reduced Form (3)	2SLS (4)
Predicted Percentage Point Change in Urban Black Population	3.535*** (0.406)		0.155*** (0.0508)	
Percentage Point Change in Urban Black Population		0.0276*** (0.00845)		0.0439*** (0.0131)
F-Stat	75.73			
Observations	130	130	130	130

Standard errors in parentheses
* p|0.10, ** p|0.05, *** p|0.01

2.4 Special Districts

Table 9: Dererencourt Table Two with y=New Govs, Number of Special Purpose Districts Pooled, Urban Population, Census Region and Black Mig Share controls.

	First Stage (1)	OLS (2)	Reduced Form (3)	2SLS (4)
Predicted Percentage Point Change in Urban Black Population	3.535*** (0.406)		-0.0855** (0.0399)	
Percentage Point Change in Urban Black Population		-0.0277*** (0.00996)		-0.0242** (0.0108)
F-Stat	75.73			
Observations	130	130	130	130

Standard errors in parentheses
* p<0.10, ** p<0.05, *** p<0.01

2.5 Townships

Table 10: Dererencourt Table Two with y=New Govs, Number of Town and Township Govts Pooled, Urban Population, Census Region and Black Mig Share controls.

	First Stage (1)	OLS (2)	Reduced Form (3)	2SLS (4)
Predicted Percentage Point Change in Urban Black Population	3.535*** (0.406)		0.107*** (0.0291)	
Percentage Point Change in Urban Black Population		0.0168*** (0.00538)		0.0301*** (0.00771)
F-Stat	75.73			
Observations	130	130	130	130

Standard errors in parentheses
* p|0.10, ** p|0.05, *** p|0.01

3 Rural southern counties to northern cities, southern texas, Urban Populations

3.1 CGoodman

Table 11: Dererencourt Table Two with y=New Gavs, Earliest Year of Municipal Incorporation Pooled, Urban Population, Census Region and Black Mig Share controls.

	First Stage (1)	OLS (2)	Reduced Form (3)	2SLS (4)
GM_rm_hat_raw_pp	3.551*** (0.613)		0.0238 (0.0252)	
Percentage Point Change in Urban Black Population		0.00777* (0.00426)		0.00671 (0.00677)
F-Stat	33.526			
Observations	130	130	130	130

Standard errors in parentheses
* p<0.10, ** p<0.05, *** p<0.01

3.2 School Districts

Table 12: Dererencourt Table Two with y=New Govs, Number of Independent School Districts Pooled, Urban Population, Census Region and Black Mig Share controls.

	First Stage (1)	OLS (2)	Reduced Form (3)	2SLS (4)
GM_rm_hat_raw_pp	3.551*** (0.613)		1.233*** (0.435)	
Percentage Point Change in Urban Black Population		0.288*** (0.0830)		0.347*** (0.117)
F-Stat	33.526			
Observations	130	130	130	130

Standard errors in parentheses
* p|0.10, ** p|0.05, *** p|0.01

3.3 Subcounty Governments

Table 13: Dererencourt Table Two with y=New Govs, Number of Subcounty Govts (town, twp, muni) Pooled, Urban Population, Census Region and Black Mig Share controls.

	First Stage (1)	OLS (2)	Reduced Form (3)	2SLS (4)
GM_rm_hat_raw_pp	3.551*** (0.613)		0.144*** (0.0528)	
Percentage Point Change in Urban Black Population		0.0276*** (0.00845)		0.0406*** (0.0128)
F-Stat	33.526			
Observations	130	130	130	130
Standard errors in parentheses				
* p 0.10, ** p 0.05, *** p 0.01				

3.4 Special Districts

Table 14: Dererencourt Table Two with y=New Govs, Number of Special Purpose Districts Pooled, Urban Population, Census Region and Black Mig Share controls.

	First Stage (1)	OLS (2)	Reduced Form (3)	2SLS (4)
GM_rm_hat_raw_pp	3.551*** (0.613)		-0.0952* (0.0504)	
Percentage Point Change in Urban Black Population		-0.0277*** (0.00996)		-0.0268** (0.0132)
F-Stat	33.526			
Observations	130	130	130	130
Standard errors in parentheses				
* p 0.10, ** p 0.05, *** p 0.01				

3.5 Townships

Table 15: Dererencourt Table Two with y=New Govs, Number of Town and Township Govts Pooled, Urban Population, Census Region and Black Mig Share controls.

	First Stage (1)	OLS (2)	Reduced Form (3)	2SLS (4)
GM_rm_hat_raw_pp	3.551*** (0.613)		0.110*** (0.0347)	
Percentage Point Change in Urban Black Population		0.0168*** (0.00538)		0.0310*** (0.00831)
F-Stat	33.526			
Observations	130	130	130	130
Standard errors in parentheses				
* p 0.10, ** p 0.05, *** p 0.01				

4 Southern counties to northern cities, northern texas, Urban Populations

4.1 CGoodman

Table 16: Dererencourt Table Two with y=New Gavs, Earliest Year of Municipal Incorporation Pooled, Urban Population, Census Region and Black Mig Share controls.

	First Stage (1)	OLS (2)	Reduced Form (3)	2SLS (4)
GM_nt_hat_raw_pp	1.581** (0.614)		0.0237 (0.0145)	
Percentage Point Change in Urban Black Population		0.00691 (0.00429)		0.0150 (0.00916)
F-Stat	6.637			
Observations	145	145	145	145

Standard errors in parentheses
* p<0.10, ** p<0.05, *** p<0.01

4.2 School Districts

Table 17: Dererencourt Table Two with y=New Govs, Number of Independent School Districts Pooled, Urban Population, Census Region and Black Mig Share controls.

	First Stage (1)	OLS (2)	Reduced Form (3)	2SLS (4)
GM_nt_hat_raw_pp	1.581** (0.614)		0.891*** (0.264)	
Percentage Point Change in Urban Black Population		0.267*** (0.0792)		0.563*** (0.177)
F-Stat	6.637			
Observations	145	145	145	145

Standard errors in parentheses
* p|0.10, ** p|0.05, *** p|0.01

4.3 Subcounty Governments

Table 18: Dererencourt Table Two with y=New Govs, Number of Subcounty Govts (town, twp, muni) Pooled, Urban Population, Census Region and Black Mig Share controls.

	First Stage (1)	OLS (2)	Reduced Form (3)	2SLS (4)
GM_nt_hat_raw_pp	1.581** (0.614)		0.0945*** (0.0311)	
Percentage Point Change in Urban Black Population		0.0243*** (0.00828)		0.0598*** (0.0191)
F-Stat	6.637			
Observations	145	145	145	145
Standard errors in parentheses				
* p 0.10, ** p 0.05, *** p 0.01				

4.4 Special Districts

Table 19: Dererencourt Table Two with y=New Govs, Number of Special Purpose Districts Pooled, Urban Population, Census Region and Black Mig Share controls.

	First Stage (1)	OLS (2)	Reduced Form (3)	2SLS (4)
GM.nt.hat.raw.pp	1.581** (0.614)		-0.0913* (0.0466)	
Percentage Point Change in Urban Black Population		-0.0209*** (0.00791)		-0.0577 (0.0363)
F-Stat	6.637			
Observations	145	145	145	145
Standard errors in parentheses				
* p 0.10, ** p 0.05, *** p 0.01				

4.5 Townships

Table 20: Dererencourt Table Two with y=New Govs, Number of Town and Township Govts Pooled, Urban Population, Census Region and Black Mig Share controls.

	First Stage (1)	OLS (2)	Reduced Form (3)	2SLS (4)
GM_nt_hat_raw_pp	1.581** (0.614)		0.0696*** (0.0218)	
Percentage Point Change in Urban Black Population		0.0137*** (0.00494)		0.0440*** (0.0151)
F-Stat	6.637			
Observations	145	145	145	145
Standard errors in parentheses				
* p 0.10, ** p 0.05, *** p 0.01				

5 Rural southern counties to northern cities, northern texas, Urban Populations

5.1 CGoodman

Table 21: Dererencourt Table Two with y=New Govs, Earliest Year of Municipal Incorporation Pooled, Urban Population, Census Region and Black Mig Share controls.

	First Stage (1)	OLS (2)	Reduced Form (3)	2SLS (4)
GM_rmnt_hat_raw_pp	1.448** (0.625)		0.0163 (0.0133)	
Percentage Point Change in Urban Black Population		0.00691 (0.00429)		0.0113 (0.00918)
F-Stat	5.367			
Observations	145	145	145	145

Standard errors in parentheses
* p<0.10, ** p<0.05, *** p<0.01

5.2 School Districts

Table 22: Dererencourt Table Two with y=New Govs, Number of Independent School Districts Pooled, Urban Population, Census Region and Black Mig Share controls.

	First Stage (1)	OLS (2)	Reduced Form (3)	2SLS (4)
GM_rmnt_hat_raw_pp	1.448** (0.625)		0.753*** (0.232)	
Percentage Point Change in Urban Black Population		0.267*** (0.0792)		0.520*** (0.196)
F-Stat	5.367			
Observations	145	145	145	145

Standard errors in parentheses
* p_i0.10, ** p_i0.05, *** p_i0.01

5.3 Subcounty Governments

Table 23: Dererencourt Table Two with y=New Govs, Number of Subcounty Govts (town, twp, muni) Pooled, Urban Population, Census Region and Black Mig Share controls.

	First Stage (1)	OLS (2)	Reduced Form (3)	2SLS (4)
GM_rmnt_hat_raw_pp	1.448** (0.625)		0.0823*** (0.0289)	
Percentage Point Change in Urban Black Population		0.0243*** (0.00828)		0.0568*** (0.0193)
F-Stat	5.367			
Observations	145	145	145	145
Standard errors in parentheses				
* p 0.10, ** p 0.05, *** p 0.01				

5.4 Special Districts

Table 24: Dererencourt Table Two with y=New Govs, Number of Special Purpose Districts Pooled, Urban Population, Census Region and Black Mig Share controls.

	First Stage (1)	OLS (2)	Reduced Form (3)	2SLS (4)
GM.rmmt.hat.raw.pp	1.448** (0.625)		-0.0879* (0.0506)	
Percentage Point Change in Urban Black Population		-0.0209*** (0.00791)		-0.0607 (0.0427)
F-Stat	5.367			
Observations	145	145	145	145
Standard errors in parentheses				
* p 0.10, ** p 0.05, *** p 0.01				

5.5 Townships

Table 25: Dererencourt Table Two with y=New Govs, Number of Town and Township Govts Pooled, Urban Population, Census Region and Black Mig Share controls.

	First Stage (1)	OLS (2)	Reduced Form (3)	2SLS (4)
GM_rmnt_hat_raw_pp	1.448** (0.625)		0.0653*** (0.0225)	
Percentage Point Change in Urban Black Population		0.0137*** (0.00494)		0.0451*** (0.0171)
F-Stat	5.367			
Observations	145	145	145	145
Standard errors in parentheses				
* p 0.10, ** p 0.05, *** p 0.01				

6 Southern counties to all cities, northern texas, Urban Populations

6.1 CGoodman

Table 26: Dererencourt Table Two with y=New Govs, Earliest Year of Municipal Incorporation Pooled, Urban Population, Census Region and Black Mig Share controls.

	First Stage (1)	OLS (2)	Reduced Form (3)	2SLS (4)
GM_scnt_hat_raw_pp	0.350 (0.255)		0.0358** (0.0161)	
Percentage Point Change in Urban Black Population		0.00668 (0.00432)		0.0229** (0.0108)
F-Stat	1.881			
Observations	202	149	149	149

Standard errors in parentheses

* p|0.10, ** p|0.05, *** p|0.01

6.2 School Districts

Table 27: Dererencourt Table Two with y=New Govs, Number of Independent School Districts Pooled, Urban Population, Census Region and Black Mig Share controls.

	First Stage (1)	OLS (2)	Reduced Form (3)	2SLS (4)
GM_scnt_hat_raw_pp	0.350 (0.255)		0.496 (0.449)	
Percentage Point Change in Urban Black Population		0.279*** (0.0801)		0.318 (0.282)
F-Stat	1.881			
Observations	202	149	149	149
Standard errors in parentheses				
* p 0.10, ** p 0.05, *** p 0.01				

6.3 Subcounty Governments

Table 28: Dererencourt Table Two with y=New Govs, Number of Subcounty Govts (town, twp, muni) Pooled, Urban Population, Census Region and Black Mig Share controls.

	First Stage (1)	OLS (2)	Reduced Form (3)	2SLS (4)
GM_scnt_hat_raw_pp	0.350 (0.255)		0.102*** (0.0326)	
Percentage Point Change in Urban Black Population		0.0239*** (0.00828)		0.0651*** (0.0207)
F-Stat	1.881			
Observations	202	149	149	149
Standard errors in parentheses				
* p 0.10, ** p 0.05, *** p 0.01				

6.4 Special Districts

Table 29: Dererencourt Table Two with y=New Govs, Number of Special Purpose Districts Pooled, Urban Population, Census Region and Black Mig Share controls.

	First Stage (1)	OLS (2)	Reduced Form (3)	2SLS (4)
GM_scnt_hat_raw_pp	0.350 (0.255)		-0.0524* (0.0275)	
Percentage Point Change in Urban Black Population		-0.0225*** (0.00823)		-0.0336 (0.0234)
F-Stat	1.881			
Observations	202	149	149	149
Standard errors in parentheses				
* p 0.10, ** p 0.05, *** p 0.01				

6.5 Townships

Table 30: Dererencourt Table Two with y=New Govs, Number of Town and Township Govts Pooled, Urban Population, Census Region and Black Mig Share controls.

	First Stage (1)	OLS (2)	Reduced Form (3)	2SLS (4)
GM_scnt_hat_raw_pp	0.350 (0.255)		0.0570*** (0.0175)	
Percentage Point Change in Urban Black Population		0.0137*** (0.00493)		0.0365*** (0.0119)
F-Stat	1.881			
Observations	202	149	149	149
Standard errors in parentheses				
* p 0.10, ** p 0.05, *** p 0.01				

7 Rural southern counties to all cities, southern texas, Urban Populations

7.1 CGoodman

Table 31: Dererencourt Table Two with y=New Govs, Earliest Year of Municipal Incorporation Pooled, Urban Population, Census Region and Black Mig Share controls.

	First Stage (1)	OLS (2)	Reduced Form (3)	2SLS (4)
GM_rmsc_hat_raw_pp	0.235 (0.228)		0.0285* (0.0147)	
Percentage Point Change in Urban Black Population		0.00668 (0.00432)		0.0196* (0.0101)
F-Stat	1.058			
Observations	202	149	149	149

Standard errors in parentheses
* p_i0.10, ** p_i0.05, *** p_i0.01

7.2 School Districts

Table 32: Dererencourt Table Two with y=New Govs, Number of Independent School Districts Pooled, Urban Population, Census Region and Black Mig Share controls.

	First Stage (1)	OLS (2)	Reduced Form (3)	2SLS (4)
GM_rmsc_hat_raw_pp	0.235 (0.228)		0.425 (0.387)	
Percentage Point Change in Urban Black Population		0.279*** (0.0801)		0.292 (0.280)
F-Stat	1.058			
Observations	202	149	149	149
Standard errors in parentheses				
* p 0.10, ** p 0.05, *** p 0.01				

7.3 Subcounty Governments

Table 33: Dererencourt Table Two with y=New Govs, Number of Subcounty Govts (town, twp, muni) Pooled, Urban Population, Census Region and Black Mig Share controls.

	First Stage (1)	OLS (2)	Reduced Form (3)	2SLS (4)
GM_rmsc_hat_raw_pp	0.235 (0.228)		0.0898*** (0.0314)	
Percentage Point Change in Urban Black Population		0.0239*** (0.00828)		0.0617*** (0.0203)
F-Stat	1.058			
Observations	202	149	149	149
Standard errors in parentheses				
* p 0.10, ** p 0.05, *** p 0.01				

7.4 Special Districts

Table 34: Dererencourt Table Two with y=New Govs, Number of Special Purpose Districts Pooled, Urban Population, Census Region and Black Mig Share controls.

	First Stage (1)	OLS (2)	Reduced Form (3)	2SLS (4)
GM.rmssc.hat.raw.pp	0.235 (0.228)		-0.0514* (0.0300)	
Percentage Point Change in Urban Black Population		-0.0225*** (0.00823)		-0.0353 (0.0279)
F-Stat	1.058			
Observations	202	149	149	149
Standard errors in parentheses				
* p 0.10, ** p 0.05, *** p 0.01				

7.5 Townships

Table 35: Dererencourt Table Two with y=New Govs, Number of Town and Township Govts Pooled, Urban Population, Census Region and Black Mig Share controls.

	First Stage (1)	OLS (2)	Reduced Form (3)	2SLS (4)
GM_rmsc_hat_raw_pp	0.235 (0.228)		0.0533*** (0.0177)	
Percentage Point Change in Urban Black Population		0.0137*** (0.00493)		0.0367*** (0.0131)
F-Stat	1.058			
Observations	202	149	149	149
Standard errors in parentheses				
* p 0.10, ** p 0.05, *** p 0.01				