

Simple Tables for Municipality Proliferation

July 18, 2023

Contents

1	Original Instrument design, Urban Populations	3
1.1	CGoodman	3
1.2	School Districts	4
1.3	Subcounty Governments	5
1.4	Special Districts	6
2	Original Instrument design, southern data construction, Urban Populations	7
2.1	CGoodman	7
2.2	School Districts	8
2.3	Subcounty Governments	9
2.4	Special Districts	10
3	Rural southern counties to northern cities, southern texas, Urban Populations	11
3.1	CGoodman	11
3.2	School Districts	12
3.3	Subcounty Governments	13
3.4	Special Districts	14
4	Southern counties to northern cities, northern texas, Urban Populations	15
4.1	CGoodman	15
4.2	School Districts	16
4.3	Subcounty Governments	17
4.4	Special Districts	18
5	Rural southern counties to northern cities, northern texas, Urban Populations	19
5.1	CGoodman	19
5.2	School Districts	20
5.3	Subcounty Governments	21
5.4	Special Districts	22
6	Southern counties to all cities, northern texas, Urban Populations	23
6.1	CGoodman	23
6.2	School Districts	24
6.3	Subcounty Governments	25
6.4	Special Districts	26
7	Rural southern counties to all cities, southern texas, Urban Populations	27
7.1	CGoodman	27
7.2	School Districts	28
7.3	Subcounty Governments	29
7.4	Special Districts	30

List of Figures

List of Tables

1	Dererencourt Table Two with y=New Govs, Earliest Year of Municipal Incorporation Pooled, Urban Population, Census Region controls. . .	3
2	Dererencourt Table Two with y=New Govs, Number of Independent School Districts Pooled, Urban Population, Census Region controls. . .	4
3	Dererencourt Table Two with y=New Govs, Number of Subcounty Govts (town, twp, muni) Pooled, Urban Population, Census Region controls.	5
4	Dererencourt Table Two with y=New Govs, Number of Special Purpose Districts Pooled, Urban Population, Census Region controls. . . .	6
5	Dererencourt Table Two with y=New Govs, Earliest Year of Municipal Incorporation Pooled, Urban Population, Census Region controls. . .	7
6	Dererencourt Table Two with y=New Govs, Number of Independent School Districts Pooled, Urban Population, Census Region controls. . .	8
7	Dererencourt Table Two with y=New Govs, Number of Subcounty Govts (town, twp, muni) Pooled, Urban Population, Census Region controls.	9
8	Dererencourt Table Two with y=New Govs, Number of Special Purpose Districts Pooled, Urban Population, Census Region controls. . . .	10
9	Dererencourt Table Two with y=New Govs, Earliest Year of Municipal Incorporation Pooled, Urban Population, Census Region controls. . .	11
10	Dererencourt Table Two with y=New Govs, Number of Independent School Districts Pooled, Urban Population, Census Region controls. . .	12
11	Dererencourt Table Two with y=New Govs, Number of Subcounty Govts (town, twp, muni) Pooled, Urban Population, Census Region controls.	13
12	Dererencourt Table Two with y=New Govs, Number of Special Purpose Districts Pooled, Urban Population, Census Region controls. . . .	14
13	Dererencourt Table Two with y=New Govs, Earliest Year of Municipal Incorporation Pooled, Urban Population, Census Region controls. . .	15
14	Dererencourt Table Two with y=New Govs, Number of Independent School Districts Pooled, Urban Population, Census Region controls. . .	16
15	Dererencourt Table Two with y=New Govs, Number of Subcounty Govts (town, twp, muni) Pooled, Urban Population, Census Region controls.	17
16	Dererencourt Table Two with y=New Govs, Number of Special Purpose Districts Pooled, Urban Population, Census Region controls. . . .	18
17	Dererencourt Table Two with y=New Govs, Earliest Year of Municipal Incorporation Pooled, Urban Population, Census Region controls. . .	19
18	Dererencourt Table Two with y=New Govs, Number of Independent School Districts Pooled, Urban Population, Census Region controls. . .	20
19	Dererencourt Table Two with y=New Govs, Number of Subcounty Govts (town, twp, muni) Pooled, Urban Population, Census Region controls.	21
20	Dererencourt Table Two with y=New Govs, Number of Special Purpose Districts Pooled, Urban Population, Census Region controls. . . .	22
21	Dererencourt Table Two with y=New Govs, Earliest Year of Municipal Incorporation Pooled, Urban Population, Census Region controls. . .	23
22	Dererencourt Table Two with y=New Govs, Number of Independent School Districts Pooled, Urban Population, Census Region controls. . .	24
23	Dererencourt Table Two with y=New Govs, Number of Subcounty Govts (town, twp, muni) Pooled, Urban Population, Census Region controls.	25
24	Dererencourt Table Two with y=New Govs, Number of Special Purpose Districts Pooled, Urban Population, Census Region controls. . . .	26
25	Dererencourt Table Two with y=New Govs, Earliest Year of Municipal Incorporation Pooled, Urban Population, Census Region controls. . .	27
26	Dererencourt Table Two with y=New Govs, Number of Independent School Districts Pooled, Urban Population, Census Region controls. . .	28
27	Dererencourt Table Two with y=New Govs, Number of Subcounty Govts (town, twp, muni) Pooled, Urban Population, Census Region controls.	29
28	Dererencourt Table Two with y=New Govs, Number of Special Purpose Districts Pooled, Urban Population, Census Region controls. . . .	30

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 controls.

	First Stage (1)	OLS (2)	Reduced Form (3)	2SLS (4)
Predicted Percentage Point Change in Urban Black Population	3.044*** (0.310)		0.0903** (0.0402)	
Percentage Point Change in Urban Black Population		0.0235** (0.00904)		0.0297** (0.0133)
F-Stat	96.38800000000001			
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 controls.

	First Stage (1)	OLS (2)	Reduced Form (3)	2SLS (4)
Predicted Percentage Point Change in Urban Black Population	3.044*** (0.310)		4.559*** (0.972)	
Percentage Point Change in Urban Black Population		1.223*** (0.232)		1.497*** (0.297)
F-Stat	96.38800000000001			
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 controls.

	First Stage (1)	OLS (2)	Reduced Form (3)	2SLS (4)
Predicted Percentage Point Change in Urban Black Population	3.044*** (0.310)		0.324*** (0.0902)	
Percentage Point Change in Urban Black Population		0.0850*** (0.0219)		0.106*** (0.0289)
F-Stat	96.38800000000001			
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 controls.

	First Stage (1)	OLS (2)	Reduced Form (3)	2SLS (4)
Predicted Percentage Point Change in Urban Black Population	3.044*** (0.310)		-0.262*** (0.0973)	
Percentage Point Change in Urban Black Population		-0.0861*** (0.0236)		-0.0861*** (0.0314)
F-Stat	96.38800000000001			
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 5: Dererencourt Table Two with y=New Govs, Earliest Year of Municipal Incorporation Pooled, Urban Population, Census Region controls.

	First Stage (1)	OLS (2)	Reduced Form (3)	2SLS (4)
Predicted Percentage Point Change in Urban Black Population	2.976*** (0.302)		0.0774* (0.0423)	
Percentage Point Change in Urban Black Population		0.0226** (0.00916)		0.0260* (0.0137)
F-Stat	97.38			
Observations	130	130	130	130

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

2.2 School Districts

Table 6: Dererencourt Table Two with y=New Govs, Number of Independent School Districts Pooled, Urban Population, Census Region controls.

	First Stage (1)	OLS (2)	Reduced Form (3)	2SLS (4)
Predicted Percentage Point Change in Urban Black Population	2.976*** (0.302)		4.215*** (0.993)	
Percentage Point Change in Urban Black Population		1.184*** (0.228)		1.416*** (0.298)
F-Stat	97.38			
Observations	130	130	130	130

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

2.3 Subcounty Governments

Table 7: Dererencourt Table Two with y=New Govs, Number of Subcounty Govts (town, twp, muni) Pooled, Urban Population, Census Region controls.

	First Stage (1)	OLS (2)	Reduced Form (3)	2SLS (4)
Predicted Percentage Point Change in Urban Black Population	2.976*** (0.302)		0.288*** (0.0958)	
Percentage Point Change in Urban Black Population		0.0811*** (0.0219)		0.0969*** (0.0299)
F-Stat	97.38			
Observations	130	130	130	130

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

2.4 Special Districts

Table 8: Dererencourt Table Two with y=New Govs, Number of Special Purpose Districts Pooled, Urban Population, Census Region controls.

	First Stage (1)	OLS (2)	Reduced Form (3)	2SLS (4)
Predicted Percentage Point Change in Urban Black Population	2.976*** (0.302)		-0.241*** (0.0824)	
Percentage Point Change in Urban Black Population		-0.0803*** (0.0211)		-0.0810*** (0.0275)
F-Stat	97.38			
Observations	130	130	130	130

Standard errors in parentheses

* p_i0.10, ** p_i0.05, *** p_i0.01

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

3.1 CGoodman

Table 9: Dererencourt Table Two with y=New Govs, Earliest Year of Municipal Incorporation Pooled, Urban Population, Census Region controls.

	First Stage (1)	OLS (2)	Reduced Form (3)	2SLS (4)
GM_rm_hat_raw_pp	3.215*** (0.380)		0.0732 (0.0471)	
Percentage Point Change in Urban Black Population		0.0226** (0.00916)		0.0228 (0.0140)
F-Stat	71.432			
Observations	130	130	130	130

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

3.2 School Districts

Table 10: Dererencourt Table Two with y=New Govs, Number of Independent School Districts Pooled, Urban Population, Census Region controls.

	First Stage (1)	OLS (2)	Reduced Form (3)	2SLS (4)
GM_rm_hat_raw_pp	3.215*** (0.380)		4.406*** (1.070)	
Percentage Point Change in Urban Black Population		1.184*** (0.228)		1.370*** (0.302)
F-Stat	71.432			
Observations	130	130	130	130

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

3.3 Subcounty Governments

Table 11: Dererencourt Table Two with y=New Govs, Number of Subcounty Govts (town, twp, muni) Pooled, Urban Population, Census Region controls.

	First Stage (1)	OLS (2)	Reduced Form (3)	2SLS (4)
GM_rm_hat_raw_pp	3.215*** (0.380)		0.298*** (0.106)	
Percentage Point Change in Urban Black Population		0.0811*** (0.0219)		0.0926*** (0.0305)
F-Stat	71.432			
Observations	130	130	130	130

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

3.4 Special Districts

Table 12: Dererencourt Table Two with y=New Govs, Number of Special Purpose Districts Pooled, Urban Population, Census Region controls.

	First Stage (1)	OLS (2)	Reduced Form (3)	2SLS (4)
GM_rm_hat_raw_pp	3.215*** (0.380)		-0.264*** (0.0896)	
Percentage Point Change in Urban Black Population		-0.0803*** (0.0211)		-0.0820*** (0.0273)
F-Stat	71.432			
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 13: Dererencourt Table Two with y=New Govs, Earliest Year of Municipal Incorporation Pooled, Urban Population, Census Region controls.

	First Stage (1)	OLS (2)	Reduced Form (3)	2SLS (4)
GM_nt_hat_raw_pp	2.386*** (0.471)		0.0748** (0.0314)	
Percentage Point Change in Urban Black Population		0.0233*** (0.00762)		0.0314** (0.0134)
F-Stat	25.676			
Observations	145	145	145	145

Standard errors in parentheses

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

4.2 School Districts

Table 14: Dererencourt Table Two with y=New Govs, Number of Independent School Districts Pooled, Urban Population, Census Region controls.

	First Stage (1)	OLS (2)	Reduced Form (3)	2SLS (4)
GM_nt_hat_raw_pp	2.386*** (0.471)		3.385*** (0.744)	
Percentage Point Change in Urban Black Population		1.069*** (0.195)		1.419*** (0.320)
F-Stat	25.676			
Observations	145	145	145	145

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

4.3 Subcounty Governments

Table 15: Dererencourt Table Two with y=New Govs, Number of Subcounty Govts (town, twp, muni) Pooled, Urban Population, Census Region controls.

	First Stage (1)	OLS (2)	Reduced Form (3)	2SLS (4)
GM_nt_hat_raw_pp	2.386*** (0.471)		0.232*** (0.0713)	
Percentage Point Change in Urban Black Population		0.0716*** (0.0186)		0.0971*** (0.0302)
F-Stat	25.676			
Observations	145	145	145	145
Standard errors in parentheses				
* p 0.10, ** p 0.05, *** p 0.01				

4.4 Special Districts

Table 16: Dererencourt Table Two with y=New Govs, Number of Special Purpose Districts Pooled, Urban Population, Census Region controls.

	First Stage (1)	OLS (2)	Reduced Form (3)	2SLS (4)
GM_nt_hat_raw_pp	2.386*** (0.471)		-0.165** (0.0646)	
Percentage Point Change in Urban Black Population		-0.0604*** (0.0172)		-0.0689** (0.0278)
F-Stat	25.676			
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 17: Dererencourt Table Two with y=New Govs, Earliest Year of Municipal Incorporation Pooled, Urban Population, Census Region controls.

	First Stage (1)	OLS (2)	Reduced Form (3)	2SLS (4)
GM_rmnt_hat_raw_pp	2.414*** (0.576)		0.0700** (0.0323)	
Percentage Point Change in Urban Black Population		0.0233*** (0.00762)		0.0290** (0.0136)
F-Stat	17.575			
Observations	145	145	145	145

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

5.2 School Districts

Table 18: Dererencourt Table Two with y=New Govs, Number of Independent School Districts Pooled, Urban Population, Census Region controls.

	First Stage (1)	OLS (2)	Reduced Form (3)	2SLS (4)
GM_rmnt_hat_raw_pp	2.414*** (0.576)		3.343*** (0.768)	
Percentage Point Change in Urban Black Population		1.069*** (0.195)		1.385*** (0.330)
F-Stat	17.575			
Observations	145	145	145	145

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

5.3 Subcounty Governments

Table 19: Dererencourt Table Two with y=New Govs, Number of Subcounty Govts (town, twp, muni) Pooled, Urban Population, Census Region controls.

	First Stage (1)	OLS (2)	Reduced Form (3)	2SLS (4)
GM_rmnt_hat_raw_pp	2.414*** (0.576)		0.224*** (0.0733)	
Percentage Point Change in Urban Black Population		0.0716*** (0.0186)		0.0929*** (0.0307)
F-Stat	17.575			
Observations	145	145	145	145
Standard errors in parentheses				
* p 0.10, ** p 0.05, *** p 0.01				

5.4 Special Districts

Table 20: Dererencourt Table Two with y=New Govs, Number of Special Purpose Districts Pooled, Urban Population, Census Region controls.

	First Stage (1)	OLS (2)	Reduced Form (3)	2SLS (4)
GM_rmnt_hat_raw_pp	2.414*** (0.576)		-0.163** (0.0663)	
Percentage Point Change in Urban Black Population		-0.0604*** (0.0172)		-0.0676** (0.0279)
F-Stat	17.575			
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 21: Dererencourt Table Two with y=New Govs, Earliest Year of Municipal Incorporation Pooled, Urban Population, Census Region controls.

	First Stage (1)	OLS (2)	Reduced Form (3)	2SLS (4)
GM_scnt_hat_raw_pp	1.062** (0.417)		0.0372* (0.0205)	
Percentage Point Change in Urban Black Population		0.0264*** (0.00661)		0.0350* (0.0189)
F-Stat	6.484			
Observations	202	202	202	202

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

6.2 School Districts

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

	First Stage (1)	OLS (2)	Reduced Form (3)	2SLS (4)
GM_scnt_hat_raw_pp	1.062** (0.417)		2.073*** (0.441)	
Percentage Point Change in Urban Black Population		0.838*** (0.177)		1.951*** (0.658)
F-Stat	6.484			
Observations	202	202	202	202

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

6.3 Subcounty Governments

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

	First Stage (1)	OLS (2)	Reduced Form (3)	2SLS (4)
GM_scnt_hat_raw_pp	1.062** (0.417)		0.128*** (0.0421)	
Percentage Point Change in Urban Black Population		0.0654*** (0.0163)		0.121*** (0.0450)
F-Stat	6.484			
Observations	202	202	202	202
Standard errors in parentheses				
* p 0.10, ** p 0.05, *** p 0.01				

6.4 Special Districts

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

	First Stage (1)	OLS (2)	Reduced Form (3)	2SLS (4)
GM_scnt_hat_raw_pp	1.062** (0.417)		-0.0989*** (0.0361)	
Percentage Point Change in Urban Black Population		-0.0508*** (0.0143)		-0.0931** (0.0429)
F-Stat	6.484			
Observations	202	202	202	202
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 25: Dererencourt Table Two with y=New Govs, Earliest Year of Municipal Incorporation Pooled, Urban Population, Census Region controls.

	First Stage (1)	OLS (2)	Reduced Form (3)	2SLS (4)
GM_rmsc_hat_raw_pp	0.919** (0.427)		0.0325 (0.0200)	
Percentage Point Change in Urban Black Population		0.0264*** (0.00661)		0.0354* (0.0215)
F-Stat	4.627			
Observations	202	202	202	202

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

7.2 School Districts

Table 26: Dererencourt Table Two with y=New Govs, Number of Independent School Districts Pooled, Urban Population, Census Region controls.

	First Stage (1)	OLS (2)	Reduced Form (3)	2SLS (4)
GM_rmsc_hat_raw_pp	0.919** (0.427)		1.870*** (0.424)	
Percentage Point Change in Urban Black Population		0.838*** (0.177)		2.035*** (0.776)
F-Stat	4.627			
Observations	202	202	202	202

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

7.3 Subcounty Governments

Table 27: Dererencourt Table Two with y=New Govs, Number of Subcounty Govts (town, twp, muni) Pooled, Urban Population, Census Region controls.

	First Stage (1)	OLS (2)	Reduced Form (3)	2SLS (4)
GM_rmsc_hat_raw_pp	0.919** (0.427)		0.110*** (0.0394)	
Percentage Point Change in Urban Black Population		0.0654*** (0.0163)		0.120** (0.0501)
F-Stat	4.627			
Observations	202	202	202	202
Standard errors in parentheses				
* p 0.10, ** p 0.05, *** p 0.01				

7.4 Special Districts

Table 28: Dererencourt Table Two with y=New Govs, Number of Special Purpose Districts Pooled, Urban Population, Census Region controls.

	First Stage (1)	OLS (2)	Reduced Form (3)	2SLS (4)
GM_rmsc_hat_raw_pp	0.919** (0.427)		-0.0820** (0.0360)	
Percentage Point Change in Urban Black Population		-0.0508*** (0.0143)		-0.0892* (0.0485)
F-Stat	4.627			
Observations	202	202	202	202
Standard errors in parentheses				
* p 0.10, ** p 0.05, *** p 0.01				