

Simple Tables for Municipality Proliferation

July 25, 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
1.5	Townships	7
2	Original Instrument design, southern data construction, Urban Populations	8
2.1	CGoodman	8
2.2	School Districts	9
2.3	Subcounty Governments	10
2.4	Special Districts	11
2.5	Townships	12
3	Rural southern counties to northern cities, southern texas, Urban Populations	13
3.1	CGoodman	13
3.2	School Districts	14
3.3	Subcounty Governments	15
3.4	Special Districts	16
3.5	Townships	17
4	Southern counties to northern cities, northern texas, Urban Populations	18
4.1	CGoodman	18
4.2	School Districts	19
4.3	Subcounty Governments	20
4.4	Special Districts	21
4.5	Townships	22
5	Rural southern counties to northern cities, northern texas, Urban Populations	23
5.1	CGoodman	23
5.2	School Districts	24
5.3	Subcounty Governments	25
5.4	Special Districts	26
5.5	Townships	27
6	Southern counties to all cities, northern texas, Urban Populations	28
6.1	CGoodman	28
6.2	School Districts	29
6.3	Subcounty Governments	30
6.4	Special Districts	31
6.5	Townships	32
7	Rural southern counties to all cities, southern texas, Urban Populations	33
7.1	CGoodman	33
7.2	School Districts	34
7.3	Subcounty Governments	35
7.4	Special Districts	36
7.5	Townships	37

List of Figures

List of Tables

[illegible]

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)		0.155*** (0.0435)	
Percentage Point Change in Urban Black Population		0.0267*** (0.00856)		0.0448*** (0.0137)
F-Stat	68.633			
Observations	130	130	130	130

Standard errors in parentheses

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

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)		4.489*** (1.201)	
Percentage Point Change in Urban Black Population		1.047*** (0.255)		1.296*** (0.326)
F-Stat	68.633			
Observations	130	130	130	130

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

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)		0.473*** (0.113)	
Percentage Point Change in Urban Black Population		0.0877*** (0.0224)		0.136*** (0.0319)
F-Stat	68.633			
Observations	130	130	130	130

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

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)		-0.0966 (0.0989)	
Percentage Point Change in Urban Black Population		-0.0651*** (0.0231)		-0.0279 (0.0268)
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)		0.283*** (0.0778)	
Percentage Point Change in Urban Black Population		0.0518*** (0.0143)		0.0817*** (0.0208)
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)		0.158*** (0.0450)	
Percentage Point Change in Urban Black Population		0.0277*** (0.00854)		0.0447*** (0.0135)
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)		4.430*** (1.171)	
Percentage Point Change in Urban Black Population		1.040*** (0.253)		1.253*** (0.316)
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)		0.473*** (0.115)	
Percentage Point Change in Urban Black Population		0.0877*** (0.0221)		0.134*** (0.0314)
F-Stat	75.73			
Observations	130	130	130	130

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

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)		-0.0752 (0.0945)	
Percentage Point Change in Urban Black Population		-0.0596*** (0.0220)		-0.0213 (0.0253)
F-Stat	75.73			
Observations	130	130	130	130

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

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)		0.278*** (0.0780)	
Percentage Point Change in Urban Black Population		0.0505*** (0.0140)		0.0787*** (0.0203)
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 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_rm_hat_raw_pp	3.551*** (0.613)		0.139** (0.0540)	
Percentage Point Change in Urban Black Population		0.0277*** (0.00854)		0.0393*** (0.0144)
F-Stat	33.526			
Observations	130	130	130	130

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

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)		4.033*** (1.245)	
Percentage Point Change in Urban Black Population		1.040*** (0.253)		1.136*** (0.333)
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)		0.453*** (0.128)	
Percentage Point Change in Urban Black Population		0.0877*** (0.0221)		0.128*** (0.0320)
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)		-0.0634 (0.0957)	
Percentage Point Change in Urban Black Population		-0.0596*** (0.0220)		-0.0179 (0.0255)
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)		0.275*** (0.0829)	
Percentage Point Change in Urban Black Population		0.0505*** (0.0140)		0.0773*** (0.0206)
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 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_nt_hat_raw_pp	1.581** (0.614)		0.0878** (0.0343)	
Percentage Point Change in Urban Black Population		0.0288*** (0.00801)		0.0555*** (0.0191)
F-Stat	6.637			
Observations	145	145	145	145

Standard errors in parentheses

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

4.2 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)		2.734*** (0.814)	
Percentage Point Change in Urban Black Population		0.984*** (0.241)		1.729*** (0.530)
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)		0.257*** (0.0885)	
Percentage Point Change in Urban Black Population		0.0846*** (0.0207)		0.163*** (0.0445)
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)		-0.0899 (0.0579)	
Percentage Point Change in Urban Black Population		-0.0497** (0.0206)		-0.0569 (0.0418)
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)		0.151*** (0.0542)	
Percentage Point Change in Urban Black Population		0.0461*** (0.0133)		0.0957*** (0.0275)
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)		0.0750** (0.0334)	
Percentage Point Change in Urban Black Population		0.0288*** (0.00801)		0.0518** (0.0205)
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)		2.422*** (0.741)	
Percentage Point Change in Urban Black Population		0.984*** (0.241)		1.673*** (0.601)
F-Stat	5.367			
Observations	145	145	145	145

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

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)		0.230*** (0.0856)	
Percentage Point Change in Urban Black Population		0.0846*** (0.0207)		0.159*** (0.0467)
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_rmnt_hat_raw_pp	1.448** (0.625)		-0.0757 (0.0527)	
Percentage Point Change in Urban Black Population		-0.0497** (0.0206)		-0.0523 (0.0419)
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)		0.136*** (0.0521)	
Percentage Point Change in Urban Black Population		0.0461*** (0.0133)		0.0940*** (0.0283)
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)		0.0278 (0.0208)	
Percentage Point Change in Urban Black Population		0.0324*** (0.00710)		0.0794 (0.0587)
F-Stat	1.881			
Observations	202	202	202	202

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)		1.608*** (0.387)	
Percentage Point Change in Urban Black Population		0.765*** (0.203)		4.594 (2.815)
F-Stat	1.881			
Observations	202	202	202	202
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)		0.108*** (0.0406)	
Percentage Point Change in Urban Black Population		0.0776*** (0.0172)		0.308* (0.172)
F-Stat	1.881			
Observations	202	202	202	202
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)		-0.0587** (0.0280)	
Percentage Point Change in Urban Black Population		-0.0409** (0.0172)		-0.168 (0.145)
F-Stat	1.881			
Observations	202	202	202	202

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)		0.0629*** (0.0221)	
Percentage Point Change in Urban Black Population		0.0369*** (0.0111)		0.180* (0.103)
F-Stat	1.881			
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 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)		0.0226 (0.0195)	
Percentage Point Change in Urban Black Population		0.0324*** (0.00710)		0.0962 (0.0928)
F-Stat	1.058			
Observations	202	202	202	202

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

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)		1.377*** (0.334)	
Percentage Point Change in Urban Black Population		0.765*** (0.203)		5.871 (5.031)
F-Stat	1.058			
Observations	202	202	202	202
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)		0.0870** (0.0356)	
Percentage Point Change in Urban Black Population		0.0776*** (0.0172)		0.371 (0.288)
F-Stat	1.058			
Observations	202	202	202	202
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_rmsc_hat_raw_pp	0.235 (0.228)		-0.0412 (0.0285)	
Percentage Point Change in Urban Black Population		-0.0409** (0.0172)		-0.176 (0.209)
F-Stat	1.058			
Observations	202	202	202	202
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)		0.0518*** (0.0188)	
Percentage Point Change in Urban Black Population		0.0369*** (0.0111)		0.221 (0.176)
F-Stat	1.058			
Observations	202	202	202	202
Standard errors in parentheses				
* p 0.10, ** p 0.05, *** p 0.01				