Exhibits for Municipality Proliferation

January 31, 2023

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1.1 County Gov't Counts Data, decades stacked, no lags

Table 1: Dererencourt Table Two with y=Number of Local Govts by decade in County 1940-70, with baseline y and division FEs

	First Stage	OLS	Reduced Form	2SLS
	(1)	(2)	(3)	(4)
	GM	y_L0	y_L0	y_L0
$G\hat{M}$	0.531***		0.156***	
	(0.0336)		(0.0325)	
GM		0.157***		0.294***
		(0.0295)		(0.0611)
F-Stat	42.425			
R-squared		.307	.307	
Dep Var Mean	50.286	-8.505000000000001	-8.505000000000001	-8.505000000000001
Observations	714	714	714	714

Standard errors in parentheses

* p¡0.10, ** p¡0.05, *** p¡0.01

Table 2: Dererencourt Table Two with y=Number of Local Govts by decade in County 1940-70, with baseline y, division FEs, and mfg and black mig share

	First Stage	OLS	Reduced Form	2SLS
	(1)	(2)	(3)	(4)
	GM	y_L0	y_L0	y_L0
$G\hat{M}$	0.343***		0.115***	
	(0.0415)		(0.0327)	
GM		0.115***		0.337***
		(0.0335)		(0.0938)
F-Stat	63.91			
R-squared		.312	.313	
Dep Var Mean	50.286	-8.505000000000001	-8.505000000000001	-8.505000000000001
Observations	714	714	714	714

Standard errors in parentheses

* p¡0.10, ** p¡0.05, *** p¡0.01

1.2 County Gov't Counts Data, decades stacked, no lags

Table 3: Dererencourt Table Two with y=Number of Subcounty Govts (town, twp, muni) by decade in County 1940-70, with baseline y and division FEs

	First Stage	OLS	Reduced Form	2SLS
	(1)	(2)	(3)	(4)
	GM	y_L0	y_L0	y_L0
$\hat{GM}$	0.532***		0.0134***	
	(0.0338)		(0.00495)	
GM		0.0214***		0.0251***
		(0.00588)		(0.00932)
F-Stat	39.074			
R-squared		.068	.053	
Dep Var Mean	50.286	-.002	-.002	-.002
Observations	714	714	714	714

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

Table 4: Dererencourt Table Two with y=Number of Subcounty Govts (town, twp, muni) by decade in County 1940-70, with baseline y, division FEs, and mfg and black mig share

	First Stage	OLS	Reduced Form	2SLS
	(1)	(2)	(3)	(4)
	GM	y_L0	y_L0	y_L0
$\hat{GM}$	0.349***		0.00169	
	(0.0417)		(0.00501)	
GM		0.0117**		0.00485
		(0.00454)		(0.0143)
F-Stat	61.228			
R-squared		.081	.076	
Dep Var Mean	50.286	-.002	-.002	-.002
Observations	714	714	714	714

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

1.3 County Gov't Counts Data, decades stacked, no lags

Table 5: Dererencourt Table Two with y=Number of Municipal Govts by decade in County 1940-70, with baseline y and division FEs

	First Stage	OLS	Reduced Form	2SLS
	(1)	(2)	(3)	(4)
	GM	y_L0	y_L0	y_L0
$\hat{GM}$	0.513***		0.00514	
	(0.0352)		(0.00379)	
GM		0.00633*		0.0100
		(0.00381)		(0.00744)
F-Stat	43.387			
R-squared		.126	.124	
Dep Var Mean	50.286	.207	.207	.207
Observations	714	714	714	714

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

Table 6: Dererencourt Table Two with y=Number of Municipal Govts by decade in County 1940-70, with baseline y, division FEs, and mfg and black mig share

	First Stage	OLS	Reduced Form	2SLS
	(1)	(2)	(3)	(4)
	GM	y_L0	y_L0	y_L0
$\hat{GM}$	0.337***		0.00272	
	(0.0419)		(0.00438)	
GM		0.00412		0.00807
		(0.00283)		(0.0132)
F-Stat	63.95			
R-squared		.127	.127	
Dep Var Mean	50.286	.207	.207	.207
Observations	714	714	714	714

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

1.4 County Gov't Counts Data, decades stacked, no lags

Table 7: Dererencourt Table Two with y=Number of Independent School Districts by decade in County 1940-70, with baseline y and division FEs

	First Stage	OLS	Reduced Form	2SLS
	(1)	(2)	(3)	(4)
	GM	y_L0	y_L0	y_L0
$\hat{GM}$	0.534***		0.0673***	
	(0.0336)		(0.0235)	
GM		0.0681***		0.126***
		(0.0229)		(0.0439)
F-Stat	38.517			
R-squared		.594	.594	
Dep Var Mean	50.286	-10.06	-10.06	-10.06
Observations	714	714	714	714

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

Table 8: Dererencourt Table Two with y=Number of Independent School Districts by decade in County 1940-70, with baseline y, division FEs, and mfg and black mig share

	First Stage	OLS	Reduced Form	2SLS
	(1)	(2)	(3)	(4)
	GM	y_L0	y_L0	y_L0
$\hat{GM}$	0.350***		0.0539**	
	(0.0415)		(0.0238)	
GM		0.0564**		0.154**
		(0.0246)		(0.0683)
F-Stat	61.35			
R-squared		.594	.594	
Dep Var Mean	50.286	-10.06	-10.06	-10.06
Observations	714	714	714	714

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

1.5 County Gov't Counts Data, decades stacked, no lags

Table 9: Dererencourt Table Two with y=Number of Special Purpose Districts by decade in County 1940-70, with baseline y and division FEs

	First Stage	OLS	Reduced Form	2SLS
	(1)	(2)	(3)	(4)
	GM	y_L0	y_L0	y_L0
$\hat{GM}$	0.509***		0.0213	
	(0.0338)		(0.0136)	
GM		0.0211*		0.0418
		(0.0124)		(0.0266)
F-Stat	49.854			
R-squared		.057	.057	
Dep Var Mean	50.286	1.557	1.557	1.557
Observations	714	714	714	714

Standard errors in parentheses

* p¡0.10, ** p¡0.05, *** p¡0.01

Table 10: Dererencourt Table Two with y=Number of Special Purpose Districts by decade in County 1940-70, with baseline y, division FEs, and mfg and black mig share

	First Stage	OLS	Reduced Form	2SLS
	(1)	(2)	(3)	(4)
	GM	y_L0	y_L0	y_L0
$\hat{GM}$	0.327***		0.0274*	
	(0.0413)		(0.0160)	
GM		0.0284*		0.0839*
		(0.0160)		(0.0471)
F-Stat	65.47799999999999			
R-squared		.058	.058	
Dep Var Mean	50.286	1.557	1.557	1.557
Observations	714	714	714	714

Standard errors in parentheses

* p¡0.10, ** p¡0.05, *** p¡0.01

1.6 Gov't Org Directory Survey Data, decades stacked, no lags

Table 11: Dererencourt Table Two with y=Incorporations or Home Rule Adoptions by decade in County 1940-70, with baseline y and division FEs

	First Stage	OLS	Reduced Form	2SLS
	(1)	(2)	(3)	(4)
	GM	y_L0	y_L0	y_L0
$G\hat{M}$	0.527***		0.00706**	
	(0.0341)		(0.00287)	
GM		0.00981***		0.0134**
		(0.00307)		(0.00538)
F-Stat	40.596			
R-squared		.2	.191	
Dep Var Mean	50.286	.264	.264	.264
Observations	714	714	714	714

Standard errors in parentheses

* p¡0.10, ** p¡0.05, *** p¡0.01

Table 12: Dererencourt Table Two with y=Incorporations or Home Rule Adoptions by decade in County 1940-70, with baseline y, division FEs, and mfg and black mig share

	First Stage	OLS	Reduced Form	2SLS
	(1)	(2)	(3)	(4)
	GM	y_L0	y_L0	y_L0
$G\hat{M}$	0.347***		0.00359*	
	(0.0417)		(0.00212)	
GM		0.00720***		0.0103*
		(0.00245)		(0.00608)
F-Stat	61.69			
R-squared		.204	.198	
Dep Var Mean	50.286	.264	.264	.264
Observations	714	714	714	714

Standard errors in parentheses

* p¡0.10, ** p¡0.05, *** p¡0.01

2 county-Level Tables, Per Capita

2.1 County Gov't Counts Data, decades stacked, no lags

Table 13: Dererencourt Table Two with y=Number of Local Govts, Per Capita (1,000) by decade in County 1940-70, with baseline y and division FEs

	First Stage	OLS	Reduced Form	2SLS
	(1)	(2)	(3)	(4)
	GM	y_L0	y_L0	y_L0
$\hat{GM}$	0.531***		0.00242***	
	(0.0336)		(0.000397)	
GM		0.00285***		0.00456***
		(0.000375)		(0.000728)
F-Stat	42.425			
R-squared		.309	.292	
Dep Var Mean	50.286	-.576	-.576	-.576
Observations	714	714	714	714

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

Table 14: Dererencourt Table Two with y=Number of Local Govts, Per Capita (1,000) by decade in County 1940-70, with baseline y, division FEs, and mfg and black mig share

	First Stage	OLS	Reduced Form	2SLS
	(1)	(2)	(3)	(4)
	GM	y_L0	y_L0	y_L0
$\hat{GM}$	0.343***		0.00157***	
	(0.0415)		(0.000381)	
GM		0.00205***		0.00459***
		(0.000398)		(0.00108)
F-Stat	63.91			
R-squared		.329	.322	
Dep Var Mean	50.286	-.576	-.576	-.576
Observations	714	714	714	714

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

2.2 County Gov't Counts Data, decades stacked, no lags

Table 15: Dererencourt Table Two with y=Number of Subcounty Govts (town, twp, muni), Per Capita (1,000) by decade in County 1940-70, with baseline y and division FEs

	First Stage	OLS	Reduced Form	2SLS
	(1)	(2)	(3)	(4)
	GM	y_L0	y_L0	y_L0
$\hat{GM}$	0.532***		0.000105**	
	(0.0338)		(0.0000519)	
GM		0.000227***		0.000198**
		(0.0000655)		(0.0000970)
F-Stat	39.074			
R-squared		.056	.044	
Dep Var Mean	50.286	-.004	-.004	-.004
Observations	714	714	714	714

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

Table 16: Dererencourt Table Two with y=Number of Subcounty Govts (town, twp, muni), Per Capita (1,000) by decade in County 1940-70, with baseline y, division FEs, and mfg and black mig share

	First Stage	OLS	Reduced Form	2SLS
	(1)	(2)	(3)	(4)
	GM	y_L0	y_L0	y_L0
$\hat{GM}$	0.349***		-0.0000441	
	(0.0417)		(0.0000412)	
GM		0.000108*		-0.000126
		(0.0000618)		(0.000120)
F-Stat	61.228			
R-squared		.068	.066	
Dep Var Mean	50.286	-.004	-.004	-.004
Observations	714	714	714	714

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

2.3 County Gov't Counts Data, decades stacked, no lags

Table 17: Dererencourt Table Two with y=Number of Municipal Govts, Per Capita (1,000) by decade in County 1940-70, with baseline y and division FEs

	First Stage	OLS	Reduced Form	2SLS
	(1)	(2)	(3)	(4)
	GM	y_L0	y_L0	y_L0
$\hat{GM}$	0.513***		-0.00000847	
	(0.0352)		(0.0000172)	
GM		0.0000203		-0.0000165
		(0.0000171)		(0.0000333)
F-Stat	43.387			
R-squared		.052	.05	
Dep Var Mean	50.286	.009	.009	.009
Observations	714	714	714	714

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

Table 18: Dererencourt Table Two with y=Number of Municipal Govts, Per Capita (1,000) by decade in County 1940-70, with baseline y, division FEs, and mfg and black mig share

	First Stage	OLS	Reduced Form	2SLS
	(1)	(2)	(3)	(4)
	GM	y_L0	y_L0	y_L0
$\hat{GM}$	0.337***		-0.0000151	
	(0.0419)		(0.0000168)	
GM		0.0000241		-0.0000449
		(0.0000180)		(0.0000493)
F-Stat	63.95			
R-squared		.053	.052	
Dep Var Mean	50.286	.009	.009	.009
Observations	714	714	714	714

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

2.4 County Gov't Counts Data, decades stacked, no lags

Table 19: Dererencourt Table Two with y=Number of Independent School Districts, Per Capita (1,000) by decade in County 1940-70, with baseline y and division FEs

	First Stage	OLS	Reduced Form	2SLS
	(1)	(2)	(3)	(4)
	GM	y_L0	y_L0	y_L0
$\hat{GM}$	0.534***		0.00195***	
	(0.0336)		(0.000355)	
GM		0.00236***		0.00365***
		(0.000342)		(0.000651)
F-Stat	38.517			
R-squared		.424	.41	
Dep Var Mean	50.286	-.661	-.661	-.661
Observations	714	714	714	714

Standard errors in parentheses

* p¡0.10, ** p¡0.05, *** p¡0.01

Table 20: Dererencourt Table Two with y=Number of Independent School Districts, Per Capita (1,000) by decade in County 1940-70, with baseline y, division FEs, and mfg and black mig share

	First Stage	OLS	Reduced Form	2SLS
	(1)	(2)	(3)	(4)
	GM	y_L0	y_L0	y_L0
$\hat{GM}$	0.350***		0.00132***	
	(0.0415)		(0.000337)	
GM		0.00182***		0.00377***
		(0.000355)		(0.000965)
F-Stat	61.35			
R-squared		.434	.427	
Dep Var Mean	50.286	-.661	-.661	-.661
Observations	714	714	714	714

Standard errors in parentheses

* p¡0.10, ** p¡0.05, *** p¡0.01

2.5 County Gov't Counts Data, decades stacked, no lags

Table 21: Dererencourt Table Two with y=Number of Special Purpose Districts, Per Capita (1,000) by decade in County 1940-70, with baseline y and division FEs

	First Stage	OLS	Reduced Form	2SLS
	(1)	(2)	(3)	(4)
	GM	y_L0	y_L0	y_L0
$\hat{GM}$	0.509***		-0.0000672	
	(0.0338)		(0.0000747)	
GM		-0.000114		-0.000132
		(0.0000758)		(0.000146)
F-Stat	49.854			
R-squared		.034	.032	
Dep Var Mean	50.286	.088	.088	.088
Observations	714	714	714	714

Standard errors in parentheses

* p¡0.10, ** p¡0.05, *** p¡0.01

Table 22: Dererencourt Table Two with y=Number of Special Purpose Districts, Per Capita (1,000) by decade in County 1940-70, with baseline y, division FEs, and mfg and black mig share

	First Stage	OLS	Reduced Form	2SLS
	(1)	(2)	(3)	(4)
	GM	y_L0	y_L0	y_L0
$\hat{GM}$	0.327***		0.0000542	
	(0.0413)		(0.0000906)	
GM		0.00000699		0.000166
		(0.0000993)		(0.000272)
F-Stat	65.47799999999999			
R-squared		.041	.042	
Dep Var Mean	50.286	.088	.088	.088
Observations	714	714	714	714

Standard errors in parentheses

* p¡0.10, ** p¡0.05, *** p¡0.01

2.6 Gov't Org Directory Survey Data, decades stacked, no lags

Table 23: Dererencourt Table Two with y=Incorporations or Home Rule Adoptions, Per Capita (1,000) by decade in County 1940-70, with baseline y and division FEs

	First Stage	OLS	Reduced Form	2SLS
	(1)	(2)	(3)	(4)
	GM	y_L0	y_L0	y_L0
$\hat{GM}$	0.527***		-0.0000141	
	(0.0341)		(0.0000137)	
GM		0.00000607		-0.0000267
		(0.0000129)		(0.0000260)
F-Stat	40.596			
R-squared		.076	.078	
Dep Var Mean	50.286	.011	.011	.011
Observations	714	714	714	714

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

Table 24: Dererencourt Table Two with y=Incorporations or Home Rule Adoptions, Per Capita (1,000) by decade in County 1940-70, with baseline y, division FEs, and mfg and black mig share

	First Stage	OLS	Reduced Form	2SLS
	(1)	(2)	(3)	(4)
	GM	y_L0	y_L0	y_L0
$\hat{GM}$	0.347***		-0.0000122	
	(0.0417)		(0.0000130)	
GM		0.0000164		-0.0000351
		(0.0000137)		(0.0000373)
F-Stat	61.69			
R-squared		.08	.079	
Dep Var Mean	50.286	.011	.011	.011
Observations	714	714	714	714

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