Exhibits for Municipality Proliferation

February 2, 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***		0.153***	
	(0.0336)		(0.0325)	
GM		0.150***		0.288***
		(0.0296)		(0.0612)
F-Stat	42.632			
R-squared		.3	.301	
Dep Var Mean	50.286	-8.029999999999999	-8.029999999999999	-8.029999999999999
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***		0.119***	
	(0.0415)		(0.0328)	
GM		0.113***		0.347***
		(0.0335)		(0.0947)
F-Stat	63.949			
R-squared		.304	.305	
Dep Var Mean	50.286	-8.029999999999999	-8.029999999999999	-8.029999999999999
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
$\hat{GM}$	0.531***		0.00946**	
	(0.0339)		(0.00446)	
GM		0.0117**		0.0178**
		(0.00476)		(0.00842)
F-Stat	39.578			
R-squared		.061	.056	
Dep Var Mean	50.286	.173	.173	.173
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
$\hat{GM}$	0.348***		0.00567	
	(0.0416)		(0.00444)	
GM		0.00863**		0.0163
		(0.00344)		(0.0131)
F-Stat	61.42			
R-squared		.063	.06	
Dep Var Mean	50.286	.173	.173	.173
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	-9.757999999999999	-9.757999999999999	-9.757999999999999
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	-9.757999999999999	-9.757999999999999	-9.757999999999999
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 County Gov't Counts Data, decades stacked, no lags

Table 11: Dererencourt Table Two with y= 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
$\hat{GM}$	0.518***		0.0230*	
	(0.0342)		(0.0123)	
GM		0.0222*		0.0444*
		(0.0123)		(0.0238)
F-Stat	47.763			
R-squared		.119	.119	
Dep Var Mean	50.286	1.728	1.728	1.728
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= 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
$\hat{GM}$	0.336***		0.0254*	
	(0.0415)		(0.0149)	
GM		0.0250		0.0757*
		(0.0164)		(0.0431)
F-Stat	64.812			
R-squared		.119	.119	
Dep Var Mean	50.286	1.728	1.728	1.728
Observations	714	714	714	714

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

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

Table 13: 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 14: 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 15: 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
$G\hat{M}$	0.531***		0.00234***	
	(0.0336)		(0.000398)	
GM		0.00270***		0.00441***
		(0.000379)		(0.000730)
F-Stat	42.632			
R-squared		.295	.282	
Dep Var Mean	50.286	-.5570000000000001	-.5570000000000001	-.5570000000000001
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 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
$G\hat{M}$	0.343***		0.00161***	
	(0.0415)		(0.000382)	
GM		0.00202***		0.00470***
		(0.000400)		(0.00110)
F-Stat	63.949			
R-squared		.312	.305	
Dep Var Mean	50.286	-.5570000000000001	-.5570000000000001	-.5570000000000001
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 17: 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
$\hat{GM}$	0.531***		0.0000100	
	(0.0339)		(0.0000212)	
GM		0.0000520**		0.0000189
		(0.0000235)		(0.0000397)
F-Stat	39.578			
R-squared		.034	.025	
Dep Var Mean	50.286	.005	.005	.005
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 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
$\hat{GM}$	0.348***		-0.00000692	
	(0.0416)		(0.0000190)	
GM		0.0000509**		-0.0000199
		(0.0000235)		(0.0000539)
F-Stat	61.42			
R-squared		.034	.029	
Dep Var Mean	50.286	.005	.005	.005
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 19: 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 20: 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 21: 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	-.65	-.65	-.65
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 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	-.65	-.65	-.65
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 23: 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 24: 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 County Gov't Counts Data, decades stacked, no lags

Table 25: Dererencourt Table Two with y=, 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
$\hat{GM}$	0.518***		-0.0000798	
	(0.0342)		(0.0000786)	
GM		-0.0000943		-0.000154
		(0.0000780)		(0.000151)
F-Stat	47.763			
R-squared		.037	.037	
Dep Var Mean	50.286	.093	.093	.093
Observations	714	714	714	714

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

Table 26: Dererencourt Table Two with y=, 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
$\hat{GM}$	0.336***		0.0000254	
	(0.0415)		(0.0000934)	
GM		0.0000187		0.0000756
		(0.000101)		(0.000275)
F-Stat	64.812			
R-squared		.044	.044	
Dep Var Mean	50.286	.093	.093	.093
Observations	714	714	714	714

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

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

Table 27: 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 28: 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