

Exhibits for Municipality Proliferation

January 28, 2023

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1 county-Level Tables

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 (1) GM	OLS (2) y_L0	Reduced Form (3) y_L0	2SLS (4) y_L0
\hat{GM}	0.531*** (0.0336)		0.156*** (0.0325)	
GM		0.157*** (0.0295)		0.293*** (0.0611)
F-Stat	42.381			
R-squared		.307	.307	
Dep Var Mean	50.286	-8.509	-8.509	-8.509
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 (1) GM	OLS (2) y_L0	Reduced Form (3) y_L0	2SLS (4) y_L0
\hat{GM}	0.343*** (0.0415)		0.115*** (0.0327)	
GM		0.114*** (0.0335)		0.336*** (0.0939)
F-Stat	63.873			
R-squared		.312	.312	
Dep Var Mean	50.286	-8.509	-8.509	-8.509
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 (1) GM	OLS (2) y_L0	Reduced Form (3) y_L0	2SLS (4) y_L0
\hat{GM}	0.532*** (0.0338)		0.0134*** (0.00495)	
GM		0.0214*** (0.00588)		0.0251*** (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 (1) GM	OLS (2) y_L0	Reduced Form (3) y_L0	2SLS (4) y_L0
\hat{GM}	0.349*** (0.0417)		0.00169 (0.00501)	
GM		0.0117** (0.00454)		0.00485 (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 (1) GM	OLS (2) y_L0	Reduced Form (3) y_L0	2SLS (4) y_L0
\hat{GM}	0.513*** (0.0352)		0.00514 (0.00379)	
GM		0.00633* (0.00381)		0.0100 (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 (1) GM	OLS (2) y_L0	Reduced Form (3) y_L0	2SLS (4) y_L0
\hat{GM}	0.337*** (0.0419)		0.00272 (0.00438)	
GM		0.00412 (0.00283)		0.00807 (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 (1) GM	OLS (2) y_L0	Reduced Form (3) y_L0	2SLS (4) y_L0
\hat{GM}	0.534*** (0.0336)		0.0673*** (0.0235)	
GM		0.0681*** (0.0229)		0.126*** (0.0439)
F-Stat	38.517			
R-squared		.594	.594	
Dep Var Mean	50.286	-10.062	-10.062	-10.062
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 (1) GM	OLS (2) y_L0	Reduced Form (3) y_L0	2SLS (4) y_L0
\hat{GM}	0.350*** (0.0415)		0.0539** (0.0238)	
GM		0.0564** (0.0246)		0.154** (0.0683)
F-Stat	61.35			
R-squared		.594	.594	
Dep Var Mean	50.286	-10.062	-10.062	-10.062
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 (1) GM	OLS (2) y_L0	Reduced Form (3) y_L0	2SLS (4) y_L0
\hat{GM}	0.509*** (0.0338)		0.0213 (0.0136)	
GM		0.0211* (0.0124)		0.0418 (0.0266)
F-Stat	49.854			
R-squared		.057	.057	
Dep Var Mean	50.286	1.556	1.556	1.556
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 (1) GM	OLS (2) y_L0	Reduced Form (3) y_L0	2SLS (4) y_L0
\hat{GM}	0.327*** (0.0413)		0.0274* (0.0160)	
GM		0.0284* (0.0160)		0.0839* (0.0471)
F-Stat	65.47799999999999			
R-squared		.058	.058	
Dep Var Mean	50.286	1.556	1.556	1.556
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 (1) GM	OLS (2) y_L0	Reduced Form (3) y_L0	2SLS (4) y_L0
\hat{GM}	0.527*** (0.0341)		0.00706** (0.00287)	
GM		0.00981*** (0.00307)		0.0134** (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 (1) GM	OLS (2) y_L0	Reduced Form (3) y_L0	2SLS (4) y_L0
\hat{GM}	0.347*** (0.0417)		0.00359* (0.00212)	
GM		0.00720*** (0.00245)		0.0103* (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 (1940) by decade in County 1940-70, with baseline y and division FEs

	First Stage (1) GM	OLS (2) y_L0	Reduced Form (3) y_L0	2SLS (4) y_L0
\hat{GM}	0.531*** (0.0336)		0.0000336*** (0.00000575)	
GM		0.0000400*** (0.00000547)		0.0000632*** (0.0000106)
F-Stat	42.381			
R-squared		.286	.27	
Dep Var Mean	50.286	-.006	-.006	-.006
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 (1940) by decade in County 1940-70, with baseline y, division FEs, and mfg and black mig share

	First Stage (1) GM	OLS (2) y_L0	Reduced Form (3) y_L0	2SLS (4) y_L0
\hat{GM}	0.343*** (0.0415)		0.0000205*** (0.00000536)	
GM		0.0000276*** (0.00000569)		0.0000597*** (0.0000152)
F-Stat	63.873			
R-squared		.312	.304	
Dep Var Mean	50.286	-.006	-.006	-.006
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 (1940) by decade in County 1940-70, with baseline y and division FEs

	First Stage (1) GM	OLS (2) y_L0	Reduced Form (3) y_L0	2SLS (4) y_L0
\hat{GM}	0.532*** (0.0338)		0.00000149** (0.000000708)	
GM		0.00000307*** (0.000000851)		0.00000281** (0.00000133)
F-Stat	39.074			
R-squared		.059	.046	
Dep Var Mean	50.286	0	0	0
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 (1940) by decade in County 1940-70, with baseline y, division FEs, and mfg and black mig share

	First Stage (1) GM	OLS (2) y_L0	Reduced Form (3) y_L0	2SLS (4) y_L0
\hat{GM}	0.349*** (0.0417)		-0.000000414 (0.000000552)	
GM		0.00000155* (0.000000841)		-0.00000119 (0.00000159)
F-Stat	61.228			
R-squared		.07	.067	
Dep Var Mean	50.286	0	0	0
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 (1940) by decade in County 1940-70, with baseline y and division FEs

	First Stage (1) GM	OLS (2) y_L0	Reduced Form (3) y_L0	2SLS (4) y_L0
\hat{GM}	0.513*** (0.0352)		-3.23e-08 (0.000000270)	
GM		0.000000329 (0.000000258)		-6.29e-08 (0.000000524)
F-Stat	43.387			
R-squared		.063	.06	
Dep Var Mean	50.286	0	0	0
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 (1940) by decade in County 1940-70, with baseline y, division FEs, and mfg and black mig share

	First Stage (1) GM	OLS (2) y_L0	Reduced Form (3) y_L0	2SLS (4) y_L0
\hat{GM}	0.337*** (0.0419)		-6.32e-08 (0.000000277)	
GM		0.000000439* (0.000000262)		-0.000000188 (0.000000815)
F-Stat	63.95			
R-squared		.064	.061	
Dep Var Mean	50.286	0	0	0
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 (1940) by decade in County 1940-70, with baseline y and division FEs

	First Stage (1) GM	OLS (2) y_L0	Reduced Form (3) y_L0	2SLS (4) y_L0
\hat{GM}	0.534*** (0.0336)		0.0000262*** (0.00000522)	
GM		0.0000330*** (0.00000505)		0.0000490*** (0.00000961)
F-Stat	38.517			
R-squared		.402	.388	
Dep Var Mean	50.286	-.007	-.007	-.007
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 (1940) by decade in County 1940-70, with baseline y, division FEs, and mfg and black mig share

	First Stage (1) GM	OLS (2) y_L0	Reduced Form (3) y_L0	2SLS (4) y_L0
\hat{GM}	0.350*** (0.0415)		0.0000158*** (0.00000476)	
GM		0.0000239*** (0.00000508)		0.0000453*** (0.0000135)
F-Stat	61.35			
R-squared		.417	.409	
Dep Var Mean	50.286	-.007	-.007	-.007
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 (1940) by decade in County 1940-70, with baseline y and division FEs

	First Stage (1) GM	OLS (2) y_L0	Reduced Form (3) y_L0	2SLS (4) y_L0
\hat{GM}	0.509*** (0.0338)		-0.000000206 (0.00000117)	
GM		-0.00000117 (0.00000122)		-0.000000406 (0.00000229)
F-Stat	49.854			
R-squared		.048	.047	
Dep Var Mean	50.286	.001	.001	.001
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 (1940) by decade in County 1940-70, with baseline y, division FEs, and mfg and black mig share

	First Stage (1) GM	OLS (2) y_L0	Reduced Form (3) y_L0	2SLS (4) y_L0
\hat{GM}	0.327*** (0.0413)		0.00000171 (0.00000140)	
GM		0.000000685 (0.00000160)		0.00000524 (0.00000418)
F-Stat	65.47799999999999			
R-squared		.055	.057	
Dep Var Mean	50.286	.001	.001	.001
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 (1940) by decade in County 1940-70, with baseline y and division FEs

	First Stage (1) GM	OLS (2) y_L0	Reduced Form (3) y_L0	2SLS (4) y_L0
\hat{GM}	0.527*** (0.0341)		-0.000000110 (0.000000213)	
GM		0.000000189 (0.000000202)		-0.000000208 (0.000000402)
F-Stat	40.596			
R-squared		.089	.088	
Dep Var Mean	50.286	0	0	0
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 (1940) by decade in County 1940-70, with baseline y, division FEs, and mfg and black mig share

	First Stage (1) GM	OLS (2) y_L0	Reduced Form (3) y_L0	2SLS (4) y_L0
\hat{GM}	0.347*** (0.0417)		-6.10e-08 (0.000000205)	
GM		0.000000366* (0.000000213)		-0.000000176 (0.000000589)
F-Stat	61.69			
R-squared		.093	.089	
Dep Var Mean	50.286	0	0	0
Observations	714	714	714	714
Standard errors in parentheses				
* p 0.10, ** p 0.05, *** p 0.01				