

Simple Tables for Municipality Proliferation

July 11, 2023

Contents

1	Urban Populations	2
2	Total Populations	5

List of Figures

List of Tables

1	Outcome variable cgoodman	3
2	Outcome variable schdist_ind	4
3	Outcome variable cgoodman	6
4	Outcome variable schdist_ind	7

1 Urban Populations

	1940-1970 Pooled	1940-1950	1950-1960	1960-1970	Stacked
mfg_lfshare on GM_hat	0.07 (0.19)	0.06 (0.22)	0.08 (0.17)	0.08 (0.10)	0.06 (0.08)
blackmig3539 on GM_hat	0.02*** (0.00)	0.03*** (0.00)	0.02*** (0.00)	0.01*** (0.00)	0.02*** (0.00)
frac_land on GM_hat	0.01 (0.01)	0.01 (0.01)	0.01 (0.01)	0.01 (0.01)	0.01* (0.00)
transpo_cost_1920 on GM_hat	-0.04** (0.01)	-0.05** (0.02)	-0.03* (0.01)	-0.02* (0.01)	-0.03*** (0.01)
coastal on GM_hat	0.01* (0.01)	0.02* (0.01)	0.02** (0.01)	0.01** (0.00)	0.01*** (0.00)
has_port on GM_hat	0.03*** (0.01)	0.03** (0.01)	0.03*** (0.01)	0.02*** (0.01)	0.03*** (0.00)
avg_precip on GM_hat	0.25 (0.23)	0.33 (0.30)	0.20 (0.23)	0.12 (0.15)	0.17 (0.11)
avg_temp on GM_hat	0.02 (0.35)	0.26 (0.37)	0.04 (0.39)	-0.07 (0.31)	0.01 (0.21)
n_wells on GM_hat	-0.03 (2.49)	1.69 (3.66)	0.46 (2.37)	-0.11 (1.93)	0.30 (1.36)
totfrac_in_main_city on GM_hat	0.02*** (0.01)	0.02*** (0.01)	0.02*** (0.01)	0.01*** (0.00)	0.02*** (0.00)
urbfrac_in_main_city on GM_hat	0.01* (0.01)	0.02** (0.01)	0.01* (0.00)	0.00 (0.00)	0.01** (0.00)
m_rr on GM_hat	48791.57** (18177.82)	52392.82** (19939.09)	49448.31** (17157.03)	46867.78*** (12453.30)	47296.05*** (9055.12)
m_rr_sqm2 on GM_hat	0.00 (0.00)	0.00 (0.00)	0.00 (0.00)	0.00* (0.00)	0.00** (0.00)

Standard errors in parentheses

* $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$

Table 1: Outcome variable cgoodman

	Basic controls					Robust controls				
	(1) 1940-1970 Pooled	(2) 1940-1950	(3) 1950-1960	(4) 1960-1970	(5) Stacked	(6) 1940-1970 Pooled	(7) 1940-1950	(8) 1950-1960	(9) 1960-1970	(10) Stacked
Panel A: First Stage										
GM_hat_raw_pp	1.11*** (0.11)	1.15*** (0.05)	1.35*** (0.03)	1.29*** (0.04)	1.29*** (0.02)	1.25*** (0.17)	1.08*** (0.09)	1.48*** (0.04)	1.36*** (0.12)	1.31*** (0.05)
F-Stat	125.55	328.37	1976.92	1090.98	695.50	48.36	566.80	569.88	501.28	358.66
Observations	130.00	130.00	130.00	130.00	390.00	130.00	130.00	130.00	130.00	390.00
Panel B: OLS										
GM_raw_pp	0.02** (0.01)	0.02*** (0.01)	0.01* (0.00)	0.00 (0.00)	0.01*** (0.00)	0.01 (0.01)	0.02*** (0.00)	0.01 (0.01)	0.01 (0.00)	0.00 (0.00)
Observations	130.00	130.00	130.00	130.00	390.00	130.00	130.00	130.00	130.00	390.00
Panel C: Reduced Form										
GM_hat_raw_pp	0.03* (0.02)	0.02** (0.01)	0.01 (0.01)	0.00 (0.00)	0.01** (0.00)	0.05** (0.02)	0.02*** (0.01)	0.01 (0.01)	0.01 (0.01)	0.00 (0.00)
Observations	130.00	130.00	130.00	130.00	390.00	130.00	130.00	130.00	130.00	390.00
Panel D: 2SLS										
GM_raw_pp	0.02* (0.01)	0.01** (0.01)	0.01* (0.00)	0.00 (0.00)	0.00** (0.00)	0.04** (0.02)	0.02*** (0.01)	0.01 (0.01)	0.00 (0.00)	0.00 (0.00)
Observations	130.00	130.00	130.00	130.00	390.00	130.00	130.00	130.00	130.00	390.00

Columns 1-4 include region fixed effects, column 5 includes region and decade fixed effects. Columns 6-7 include region fixed effects and all significant covariates from the corresponding balance table. Column 10 includes region and decade fixed effects and all significant covariates from the corresponding balance table. $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Table 2: Outcome variable schdist_ind

	Basic controls					Robust controls				
	(1) 1940-1970 Pooled	(2) 1940-1950	(3) 1950-1960	(4) 1960-1970	(5) Stacked	(6) 1940-1970 Pooled	(7) 1940-1950	(8) 1950-1960	(9) 1960-1970	(10) Stacked
Panel A: First Stage										
GM_hat_raw_pp	1.11*** (0.11)	1.15*** (0.05)	1.35*** (0.03)	1.29*** (0.04)	1.29*** (0.02)	1.25*** (0.17)	1.08*** (0.09)	1.48*** (0.04)	1.36*** (0.12)	1.31*** (0.05)
F-Stat	125.55	328.37	1976.92	1090.98	695.50	48.36	566.80	569.88	501.28	358.66
Observations	130.00	130.00	130.00	130.00	390.00	130.00	130.00	130.00	130.00	390.00
Panel B: OLS										
GM_raw_pp	1.22*** (0.23)	0.79*** (0.23)	0.51*** (0.13)	0.16*** (0.04)	0.33*** (0.05)	0.11 (0.22)	0.65*** (0.25)	0.31*** (0.09)	0.07 (0.05)	-0.11* (0.06)
Observations	130.00	130.00	130.00	130.00	390.00	130.00	130.00	130.00	130.00	390.00
Panel C: Reduced Form										
GM_hat_raw_pp	1.70*** (0.39)	0.84*** (0.25)	0.69*** (0.17)	0.21*** (0.05)	0.43*** (0.08)	1.53*** (0.48)	0.83** (0.32)	0.60*** (0.14)	0.07 (0.07)	-0.09 (0.09)
Observations	130.00	130.00	130.00	130.00	390.00	130.00	130.00	130.00	130.00	390.00
Panel D: 2SLS										
GM_raw_pp	1.52*** (0.35)	0.73*** (0.22)	0.51*** (0.13)	0.16*** (0.04)	0.34*** (0.06)	1.22*** (0.40)	0.77*** (0.27)	0.41*** (0.09)	0.05 (0.04)	-0.07 (0.07)
Observations	130.00	130.00	130.00	130.00	390.00	130.00	130.00	130.00	130.00	390.00

Columns 1-4 include region fixed effects, column 5 includes region and decade fixed effects. Columns 6-7 include region fixed effects and all significant covariates from the corresponding balance table. Column 10 includes region and decade fixed effects and all significant covariates from the corresponding balance table. $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

2 Total Populations

	1940-1970 Pooled	1940-1950	1950-1960	1960-1970	Stacked
mfg_lfshare on GM_hat	2.67 (1.58)	3.27** (1.16)	4.58 (2.40)	1.68 (1.58)	2.91*** (0.88)
blackmig3539 on GM_hat	0.14*** (0.01)	0.04 (0.03)	0.17*** (0.01)	0.14*** (0.01)	0.09*** (0.02)
frac_land on GM_hat	0.09 (0.05)	0.06 (0.03)	0.18* (0.09)	0.12 (0.08)	0.10** (0.03)
transpo_cost_1920 on GM_hat	-0.24* (0.09)	-0.12 (0.10)	-0.38*** (0.10)	-0.35** (0.12)	-0.20** (0.07)
coastal on GM_hat	0.07 (0.05)	0.03 (0.03)	0.13 (0.07)	0.07 (0.07)	0.06* (0.03)
has_port on GM_hat	0.24** (0.09)	0.17*** (0.05)	0.33*** (0.10)	0.26 (0.14)	0.21*** (0.05)
avg_precip on GM_hat	0.17 (1.10)	0.83 (0.82)	2.96 (1.99)	0.17 (1.26)	0.96 (0.73)
avg_temp on GM_hat	-3.12 (2.87)	-1.24 (2.08)	-1.11 (3.36)	-2.95 (3.20)	-1.71 (1.72)
n_wells on GM_hat	-12.51 (17.27)	-27.29 (16.36)	-11.95 (19.27)	-19.48 (24.64)	-20.27 (11.44)
totfrac_in_main_city on GM_hat	0.15* (0.06)	0.11** (0.04)	0.26** (0.08)	0.16 (0.09)	0.14*** (0.03)
urbfrac_in_main_city on GM_hat	-440.98 (491.09)	218.04 (232.03)	-257.68 (277.43)	-564.09 (640.93)	-78.67 (185.11)
m_rr on GM_hat	4.7e+05* (2.0e+05)	2.0e+05* (99445.93)	4.8e+05* (2.2e+05)	5.1e+05 (2.8e+05)	3.1e+05** (1.1e+05)
m_rr_sqm2 on GM_hat	0.00* (0.00)	0.00** (0.00)	0.00** (0.00)	0.00 (0.00)	0.00*** (0.00)

Standard errors in parentheses

* $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$

Table 3: Outcome variable cgoodman

	Basic controls					Robust controls				
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
	1940-1970 Pooled	1940-1950	1950-1960	1960-1970	Stacked	1940-1970 Pooled	1940-1950	1950-1960	1960-1970	Stacked
Panel A: First Stage										
GM_hat_raw_pp_totpop	2.87*** (0.97)	0.71*** (0.21)	1.45*** (0.33)	0.77 (0.53)	0.77*** (0.18)	0.83** (0.38)	0.20** (0.09)	0.98*** (0.25)	-0.10 (0.67)	0.06 (0.08)
F-Stat	2.99	4.30	7.21	0.97	4.06	48.36	40.62	56.26	4.09	32.59
Observations	449.00	449.00	449.00	449.00	1347.00	449.00	449.00	449.00	449.00	1347.00
Panel B: OLS										
GM_raw_pp_totpop	-0.01 (0.01)	-0.00 (0.01)	-0.01 (0.01)	-0.01 (0.01)	-0.01 (0.01)	0.03 (0.02)	0.05** (0.02)	-0.00 (0.02)	-0.02** (0.01)	0.01 (0.01)
Observations	449.00	449.00	449.00	449.00	1347.00	449.00	449.00	449.00	449.00	1347.00
Panel C: Reduced Form										
GM_hat_raw_pp_totpop	0.07 (0.05)	-0.00 (0.01)	0.01 (0.02)	0.06 (0.04)	0.02 (0.02)	0.21*** (0.06)	0.02** (0.01)	0.03 (0.04)	0.07 (0.04)	0.03*** (0.01)
Observations	449.00	449.00	449.00	449.00	1347.00	449.00	449.00	449.00	449.00	1347.00
Panel D: 2SLS										
GM_raw_pp_totpop	0.02 (0.02)	-0.00 (0.01)	0.01 (0.02)	0.08 (0.10)	0.03 (0.02)	0.25* (0.15)	0.11* (0.06)	0.03 (0.05)	-0.64 (3.85)	0.60 (0.90)
Observations	449.00	449.00	449.00	449.00	1347.00	449.00	449.00	449.00	449.00	1347.00

Columns 1-4 include region fixed effects, column 5 includes region and decade fixed effects. Columns 6-7 include region fixed effects and all significant covariates from the corresponding balance table. Column 10 includes region and decade fixed effects and all significant covariates from the corresponding balance table. $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Table 4: Outcome variable schdist_ind

	Basic controls					Robust controls				
	(1) 1940-1970 Pooled	(2) 1940-1950	(3) 1950-1960	(4) 1960-1970	(5) Stacked	(6) 1940-1970 Pooled	(7) 1940-1950	(8) 1950-1960	(9) 1960-1970	(10) Stacked
Panel A: First Stage										
GM_hat_raw_pp_totpop	2.87*** (0.97)	0.71*** (0.21)	1.45*** (0.33)	0.77 (0.53)	0.77*** (0.18)	0.83** (0.38)	0.20** (0.09)	0.98*** (0.25)	-0.10 (0.67)	0.06 (0.08)
F-Stat	2.99	4.30	7.21	0.97	4.06	48.36	40.62	56.26	4.09	32.59
Observations	449.00	449.00	449.00	449.00	1347.00	449.00	449.00	449.00	449.00	1347.00
Panel B: OLS										
GM_raw_pp_totpop	1.52*** (0.29)	1.53*** (0.22)	2.01*** (0.30)	0.87*** (0.29)	1.30*** (0.27)	-0.91** (0.37)	-0.08 (0.34)	-0.29 (0.42)	0.66** (0.27)	-0.76*** (0.16)
Observations	449.00	449.00	449.00	449.00	1347.00	449.00	449.00	449.00	449.00	1347.00
Panel C: Reduced Form										
GM_hat_raw_pp_totpop	5.52*** (1.82)	1.20*** (0.43)	3.79*** (1.02)	1.39** (0.71)	1.79*** (0.37)	-4.00*** (1.46)	-0.23 (0.25)	0.31 (0.80)	-0.50 (0.86)	-0.13 (0.16)
Observations	449.00	449.00	449.00	449.00	1347.00	449.00	449.00	449.00	449.00	1347.00
Panel D: 2SLS										
GM_raw_pp_totpop	1.92*** (0.32)	1.68*** (0.36)	2.60*** (0.53)	1.81*** (0.65)	2.32*** (0.32)	-4.84* (2.61)	-1.13 (1.30)	0.32 (0.82)	4.77 (25.58)	-2.40 (4.08)
Observations	449.00	449.00	449.00	449.00	1347.00	449.00	449.00	449.00	449.00	1347.00

Columns 1-4 include region fixed effects, column 5 includes region and decade fixed effects. Columns 6-7 include region fixed effects and all significant covariates from the corresponding balance table. Column 10 includes region and decade fixed effects and all significant covariates from the corresponding balance table. $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$