Descriptive Tables and Figures for Municipality Proliferation

December 7, 2023

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Munis Incorporated 1940-70 mean	Else mean
Unweighted	

Table 2: samp_full

Munis Incorporated 1940-70 mean	Else mean

Weight, full sample

Table 3: samp_full

	Munis Incorporated 1940-70 mean	Else mean
Weight, metro sample		

Table 4: samp_full_pre

| Munis Incorporated 1940-70 | Else |
mean	mean

Unweighted

Table 5: samp_full_pre

	Munis Incorporated 1940-70 mean	Else mean
Weight, full sample		

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	Munis Incorporated 1940-70 mean	Else mean
Weight, metro sample		

Table 7: samp_nonsouthern

	Munis Incorporated 1940-70 mean	Else mean
Unweighted		

Munis Incorporated 1940-70	Else
mean	mean

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Munis Incorporated 1940-70	Else
mean	mean

Weight, metro sample

Table 10: samp_nonsouthern_pre

	Munis Incorporated 1940-70 mean	Else mean
Unweighted		

Table 11: samp_nonsouthern_pre

Munis Incorporated 1940-70 mean	Else mean

Weight, full sample

Table 12: samp_nonsouthern_pre

Munis Incorporated 1940-70	Else
mean	mean

Weight, metro sample

Full-Sample Rank GM Distribution

Legend:
- Added in Full, mean: 50.20 median: 50
- Derenoncourt and Full, mean: 43.61 median: 41
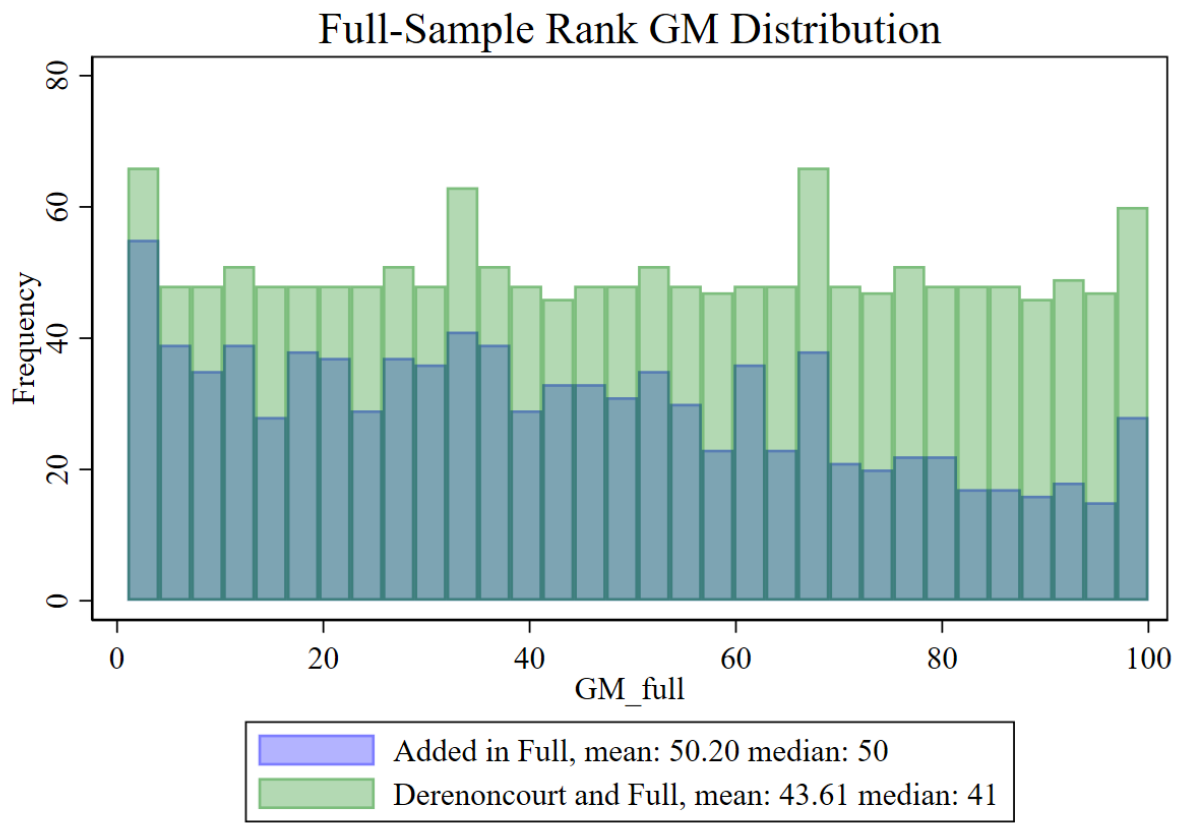
2 Distributions

Full-Sample Rank GM Hat Distribution

Added in Full, mean: 50.18 median: 50
Derenoncourt and Full, mean: 44.73 median: 42
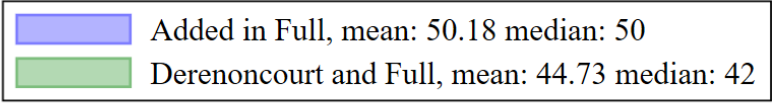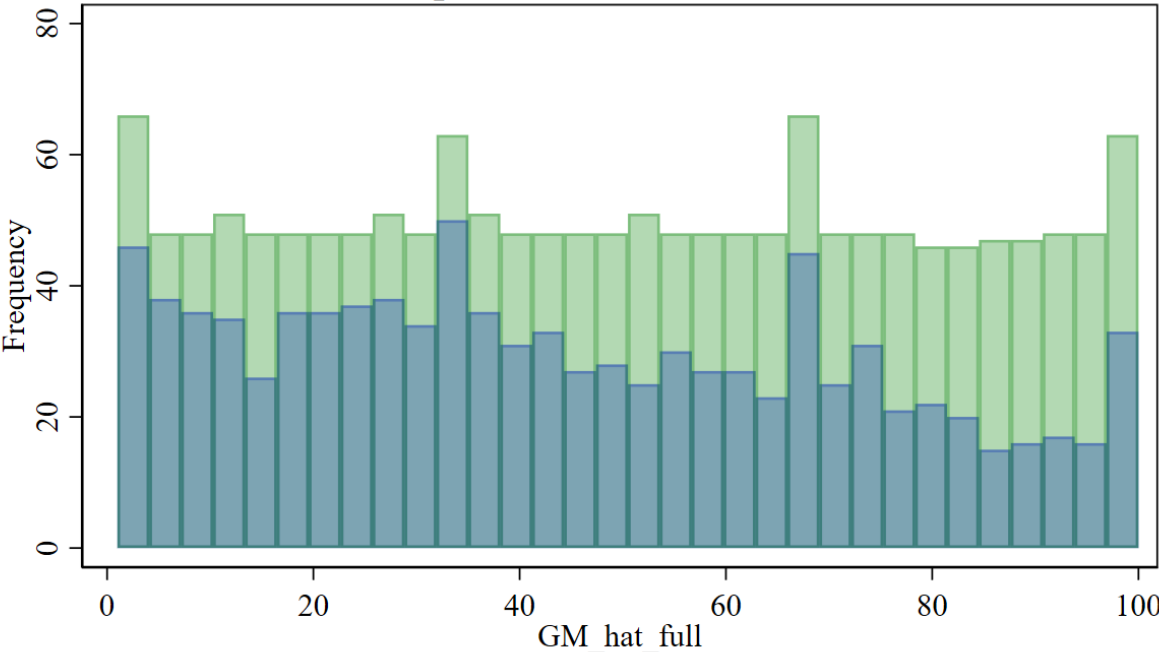
Full-Sample Raw GM Distribution

Added in Full, mean: 1.02 median: 0
Derenoncourt and Full, mean: 0.54 median: 0
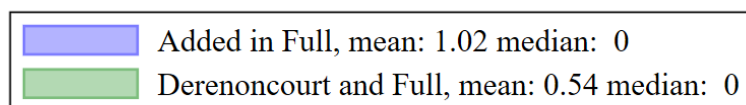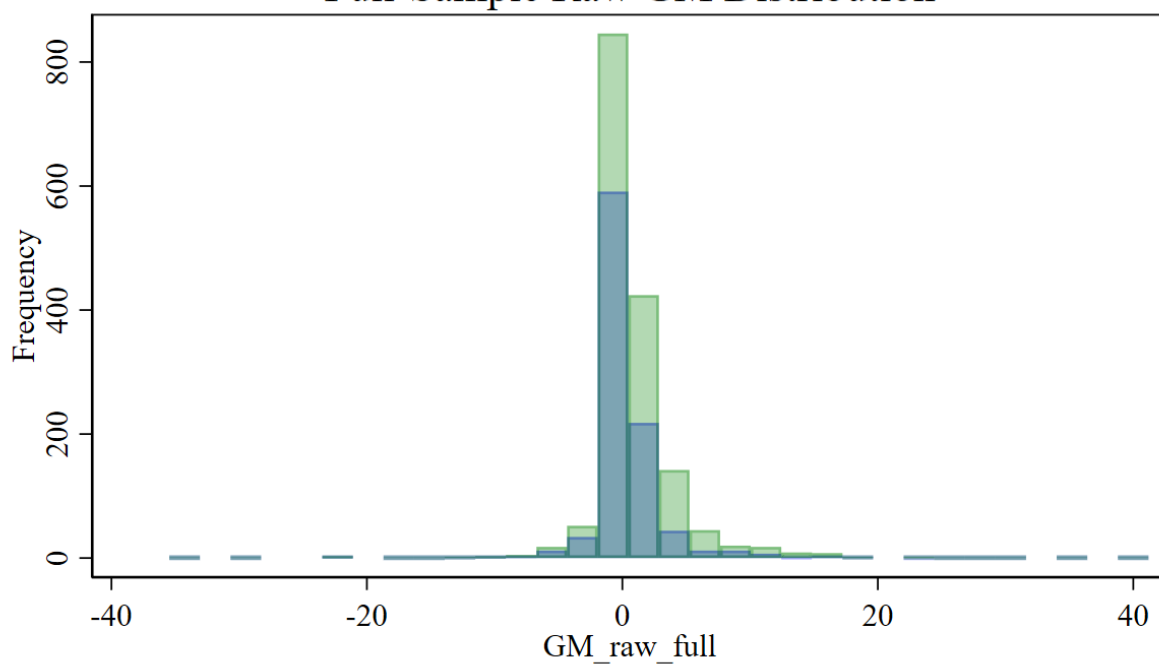
Full-Sample Raw GM Hat Distribution
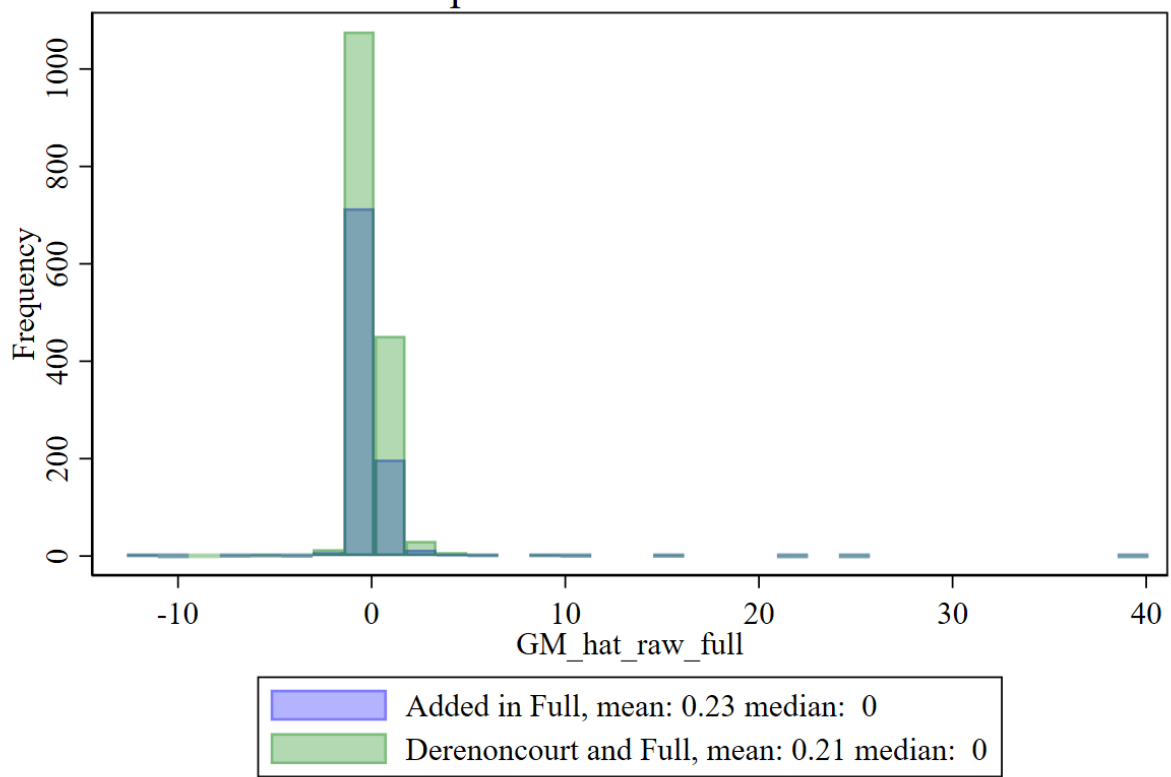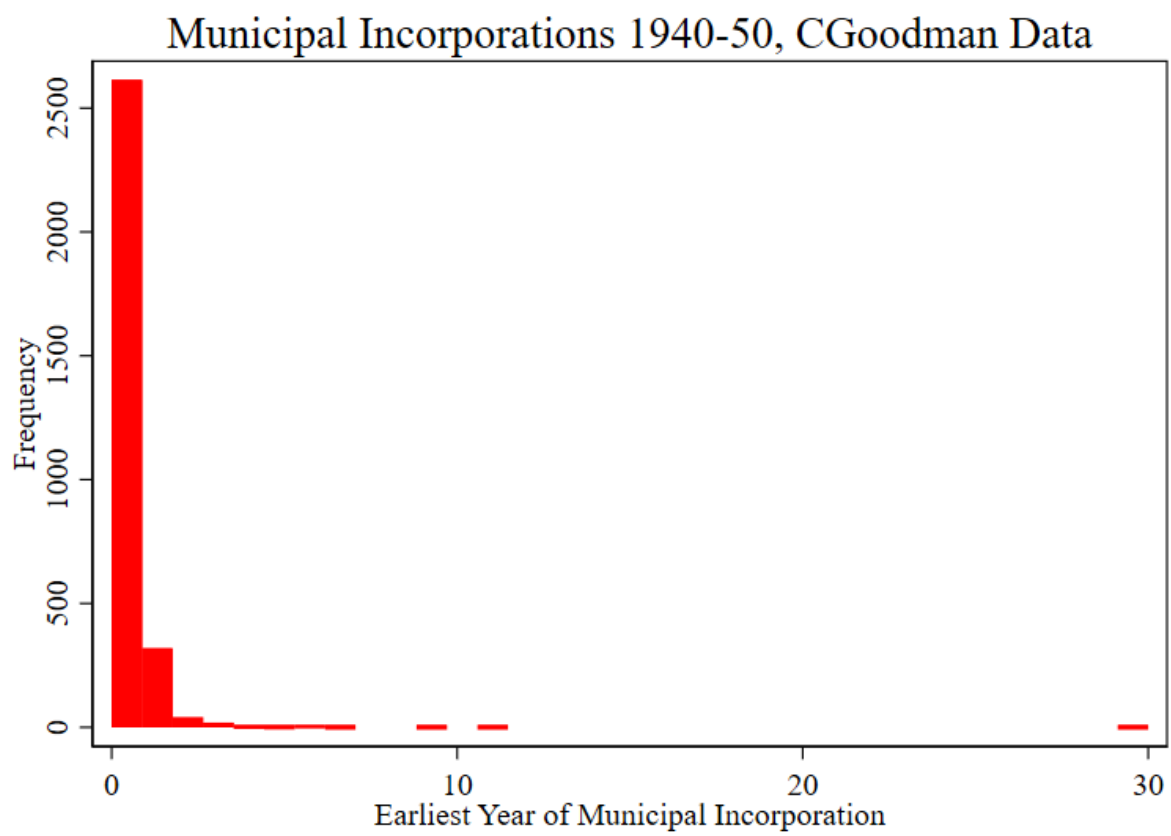
Figure 1: 1940-50
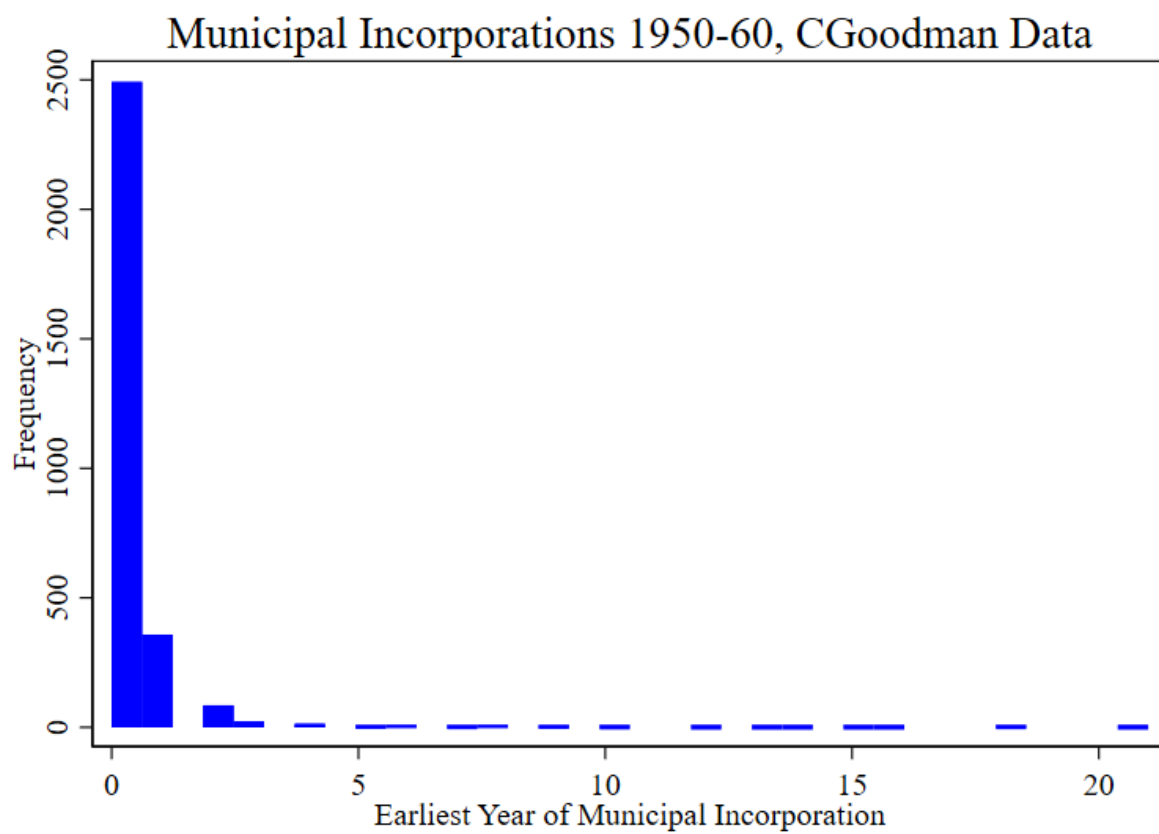
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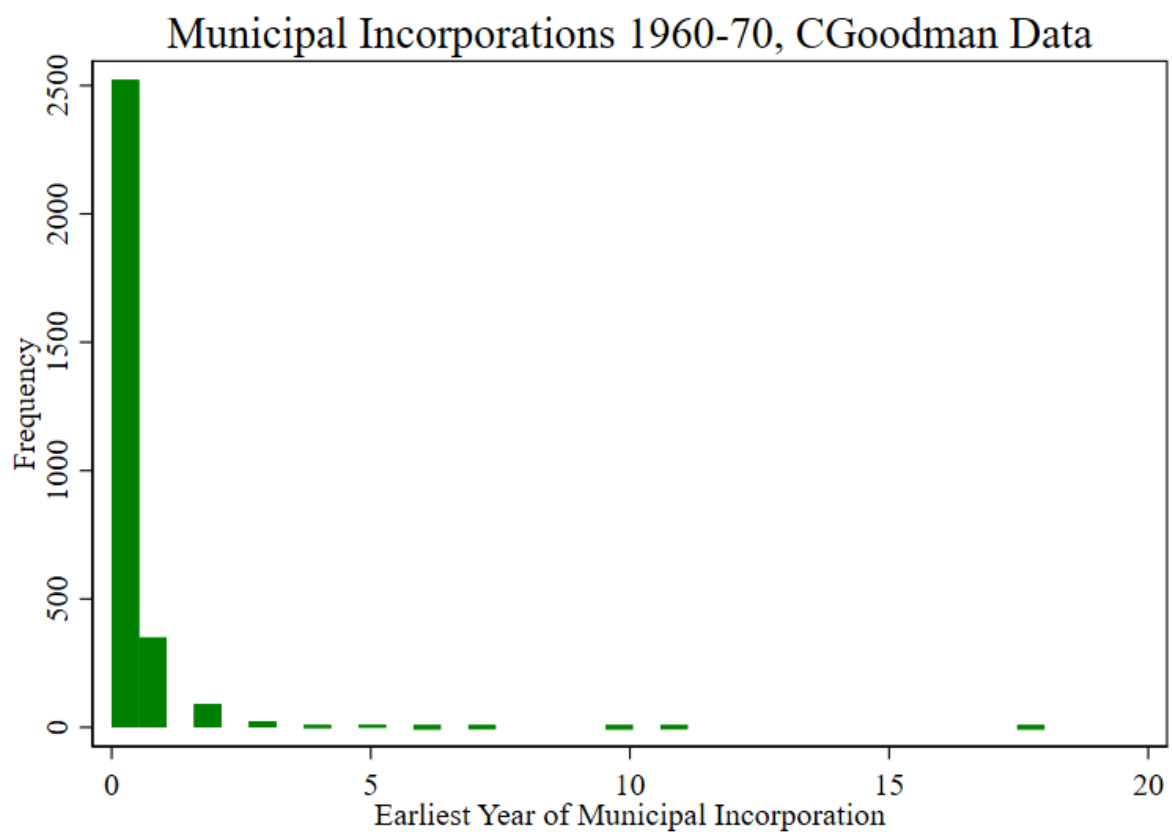
Figure 3: 1960-70

3 Jasper vs. Lake Counties

Change in black population of Jasper vs. Lake Counties (actual)
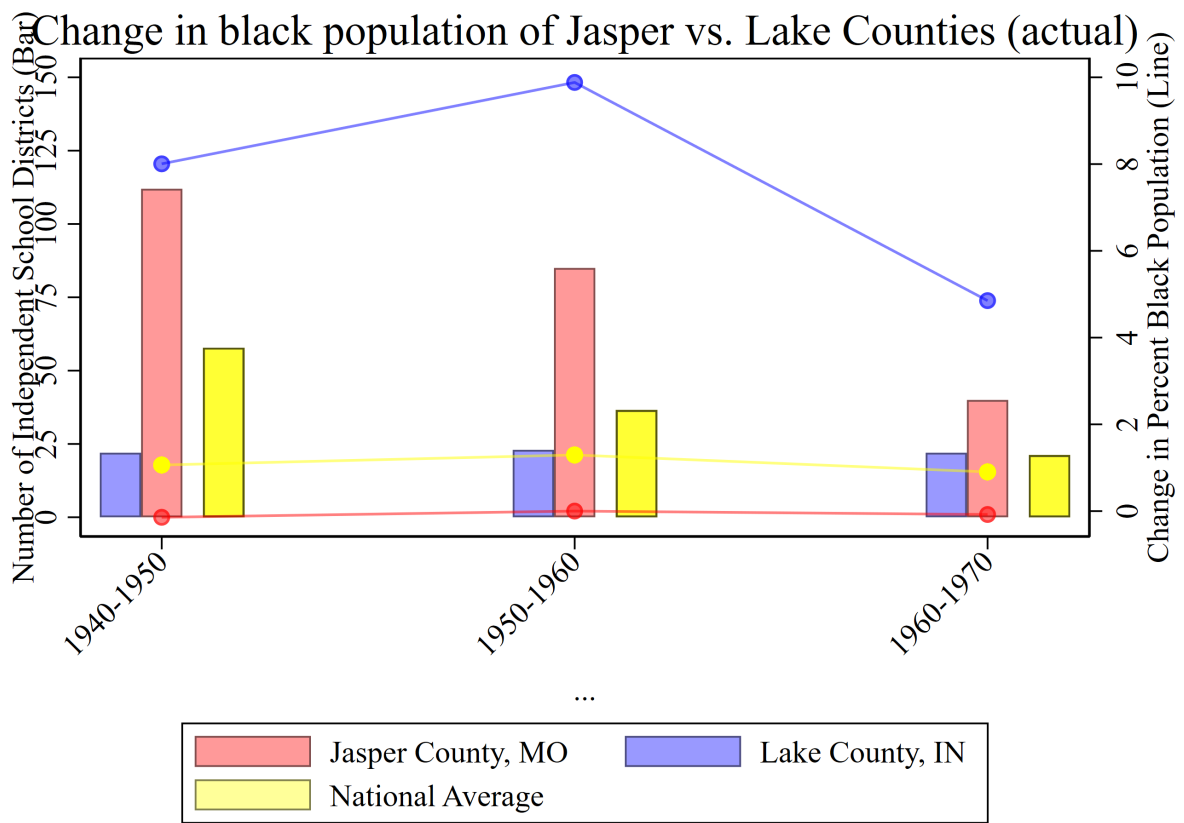
Change in black population of Jasper vs. Lake Counties (predicted)
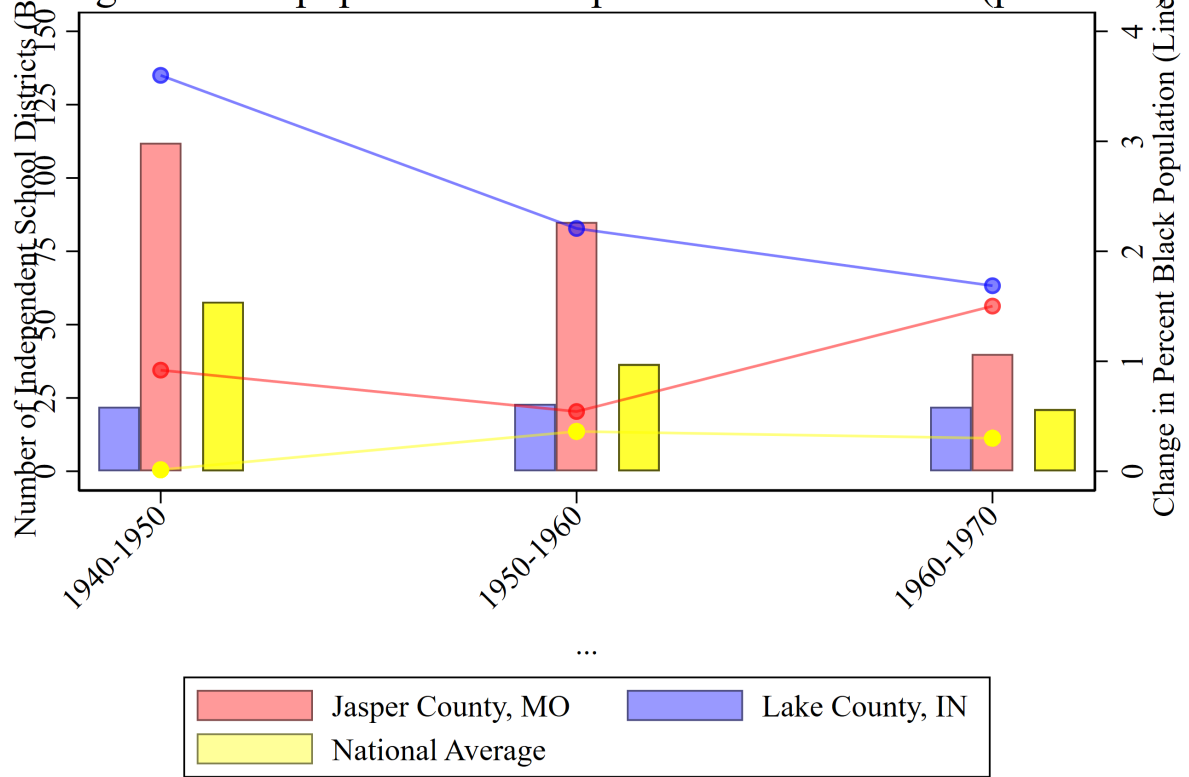
Jasper County, MO
Lake County, IN
National Average

4 Goldsmith-Pinkham Table

	County Counts Outcomes			CGoodman Data	Instrument
	n_schdist_ind_cz_pc	n_gen_subcounty_cz_pc	n_gen_muni_cz_pc	n_cgoodman_cz_pc	GM_hat_raw_pp
base_outcome	-0.97***	-0.22***	-0.13*	-0.14**	
	(0.01)	(0.04)	(0.07)	(0.06)	
mfg_lfshare1940	-0.35	0.38	0.25	0.19	0.08**
	(0.50)	(0.35)	(0.21)	(0.19)	(0.03)
blackmig3539_share	-15.14*	3.37	-5.64	-3.17	19.85***
	(7.94)	(11.55)	(8.60)	(6.28)	(5.45)
pop1940	-0.00*	0.00	0.00*	0.00	0.00**
	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)
frac_land	-23.87	-107.41**	-37.28*	-33.92*	-3.79
	(42.93)	(47.80)	(20.28)	(18.05)	(6.51)
reg2	-24.50**	-30.33***	-7.21**	-7.50**	2.31***
	(11.92)	(9.50)	(3.60)	(3.00)	(0.84)
reg3	-26.34*	-4.61	25.95	15.72	8.00**
	(15.10)	(21.53)	(19.48)	(12.48)	(3.61)
reg4	-20.49	-38.78***	-10.23	-13.09**	-1.69*
	(18.93)	(11.90)	(7.31)	(6.39)	(0.96)
Observations	130.00	130.00	130.00	130.00	130.00

Standard errors in parentheses

* p¡0.10, ** p¡0.05, *** p¡0.01

	County Counts Outcomes			CGoodman Data	Instrument
	n_schdist_ind_cz_pc	n_gen_subcounty_cz_pc	n_gen_muni_cz_pc	n_cgoodman_cz_pc	GM_hat_raw_pp_totpop
base_outcome	-0.97***	-0.32***	-0.19**	-0.19***	
	(0.01)	(0.05)	(0.08)	(0.06)	
mfg_lfshare1940	-0.19	-0.22*	0.00	-0.01	0.01
	(0.15)	(0.12)	(0.07)	(0.06)	(0.00)
blackmig3539_share_totpop	-9.67**	-7.61	-2.52	-1.95	2.65***
	(4.80)	(6.13)	(3.54)	(2.79)	(0.57)
pop1940	-0.00*	0.00	0.00*	0.00	0.00**
	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)
frac_land	5.86	-26.32**	-10.54	-8.56	-0.87
	(14.62)	(10.35)	(6.66)	(5.68)	(0.86)
reg2	-2.63	-0.74	0.14	0.18	0.19**
	(2.46)	(1.74)	(1.13)	(0.86)	(0.07)
reg3	-5.07	-2.24	1.88	-0.95	-0.30
	(3.82)	(5.13)	(5.30)	(4.27)	(0.24)
reg4	-1.39	-9.77***	-2.27	-2.70*	0.34***
	(4.99)	(3.50)	(1.78)	(1.45)	(0.10)
Observations	130.00	130.00	130.00	130.00	130.00

Standard errors in parentheses

* p¡0.10, ** p¡0.05, *** p¡0.01

	County Counts Outcomes			CGoodman Data	Instrument
	n_schdist_ind_cz_L0_pc	n_gen_subcounty_cz_L0_pc	n_gen_muni_cz_L0_pc	n_cgoodman_cz_L0_pc	GM_hat_raw_pp
base_outcome	-0.57***	-0.07***	-0.03	-0.04	
	(0.06)	(0.02)	(0.03)	(0.03)	
mfg_lfshare	-0.27	0.31***	0.16**	0.12**	0.07***
	(0.62)	(0.11)	(0.07)	(0.06)	(0.02)
blackmig3539_share	-47.14*	5.65	-0.60	0.06	24.38***
	(25.06)	(6.21)	(3.97)	(3.61)	(4.46)
pop	0.00	-0.00	0.00	0.00	0.00***
	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)
frac_land	-27.60	-27.47**	-5.94	-6.36	-5.84
	(54.92)	(11.40)	(5.01)	(4.66)	(5.09)
reg2	-6.11	-10.49***	-2.86***	-2.84***	1.94***
	(10.04)	(2.88)	(0.88)	(0.76)	(0.60)
reg3	5.52	-1.20	8.70**	5.15	8.49***
	(15.28)	(5.40)	(3.87)	(3.65)	(2.55)
reg4	-13.23	-9.75***	-2.30	-3.60*	-0.82
	(13.90)	(3.62)	(2.00)	(1.85)	(0.74)
1940.decade	0.00	0.00	0.00	0.00	0.00
	(.)	(.)	(.)	(.)	(.)
1950.decade	-68.33***	1.73	1.60	0.92	1.48***
	(13.75)	(2.12)	(0.98)	(0.90)	(0.39)
1960.decade	-62.96***	9.21***	4.06***	3.54***	3.65***
	(12.58)	(2.33)	(1.00)	(0.92)	(0.52)
Observations	390.00	390.00	390.00	390.00	390.00

Standard errors in parentheses

* p¡0.10, ** p¡0.05, *** p¡0.01

	County Counts Outcomes			CGoodman Data	Instrument
	n_schdist_ind_cz_L0_pc	n_gen_subcounty_cz_L0_pc	n_gen_muni_cz_L0_pc	n_cgoodman_cz_L0_pc	GM_hat_raw_pp_totpop
base_outcome	-0.50***	-0.10***	-0.04*	-0.04*	
	(0.05)	(0.02)	(0.02)	(0.02)	
mfg_lfshare	0.06	-0.04	0.02	0.01	0.01***
	(0.18)	(0.03)	(0.02)	(0.02)	(0.00)
blackmig3539_share_totpop	-0.88	4.41*	4.23**	5.02**	4.26***
	(4.49)	(2.25)	(1.78)	(1.97)	(1.09)
pop	-0.00	0.00	0.00	0.00	0.00
	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)
frac_land	9.20	-7.89***	-2.37	-2.14	-0.50
	(16.79)	(2.65)	(1.53)	(1.36)	(0.53)
reg2	-3.47	-0.88**	-0.58**	-0.56**	0.10
	(3.15)	(0.44)	(0.26)	(0.24)	(0.08)
reg3	6.36*	0.70	0.47	-0.26	-0.12
	(3.55)	(1.39)	(0.89)	(0.91)	(0.30)
reg4	-0.86	-3.09***	-0.86*	-1.13**	-0.49**
	(4.25)	(1.04)	(0.52)	(0.45)	(0.19)
1940.decade	0.00	0.00	0.00	0.00	0.00
	(.)	(.)	(.)	(.)	(.)
1950.decade	-24.16***	0.53	0.67*	0.33	0.32***
	(5.48)	(0.60)	(0.34)	(0.31)	(0.11)
1960.decade	-20.08***	2.05***	1.27***	1.22***	0.25**
	(5.08)	(0.62)	(0.30)	(0.32)	(0.12)
Observations	405.00	405.00	405.00	405.00	405.00

Standard errors in parentheses

* p¡0.10, ** p¡0.05, *** p¡0.01

5 County Comparisons: Overall

This compares a set of "Treated" and "Control" counties in aggregate. The set is constructed by creating deciles of the county-level recent (1935-39) black migrant share of the 1940 population, then taking the counties with the largest (treated) and smallest (control) 1940-50 change in black population from each decile-census region (10 deciles x 3 regions = 30 possible pairs = 60 possible counties).The 1st and 10th deciles are dropped as the bins are constructed by frequencies, not values, thus their 1940 v2_blackmig3539_share values may not actually be that close. Doing this leaves us with 24 pairs/48 counties.

These tables give summary statistics by decade on the endogenous X variable (GM), instrument (GM_hat2), control variables (v2_blackmig3539_share and mfg_lfshare), base values of outcome variables (base_all_local and base_schdist_ind), values of outcome variables (new_all_local and new_schdist_ind), and county population (countypop).

Table 13: GM

| | Overall | | | Treated | | | Control | | |
	Mean	Std Dev	Obs	Mean	Std Dev	Obs	Mean	Std Dev	Obs
1940-1950	51.17	34.60	48	79.08	17.37	24	23.25	22.75	24
1950-1960	47.83	30.12	48	58.75	33.45	24	36.92	22.06	24
1960-1970	52.19	30.83	48	65.67	26.08	24	38.71	29.73	24
Total	50.40	31.74	144	67.83	27.44	72	32.96	25.69	72

Table 14: GM_hat2

| | Overall | | | Treated | | | Control | | |
	Mean	Std Dev	Obs	Mean	Std Dev	Obs	Mean	Std Dev	Obs
1940-1950	51.44	27.37	48	53.46	27.35	24	49.42	27.83	24
1950-1960	51.02	25.35	48	51.96	25.66	24	50.08	25.56	24
1960-1970	53.33	25.57	48	50.92	26.89	24	55.75	24.52	24
Total	51.93	25.95	144	52.11	26.28	72	51.75	25.80	72

Table 15: v2_blackmig3539_share

| | Overall | | | Treated | | | Control | | |
	Mean	Std Dev	Obs	Mean	Std Dev	Obs	Mean	Std Dev	Obs
1940-1950	0.07	0.07	48	0.08	0.07	24	0.07	0.07	24
1950-1960	0.06	0.06	48	0.06	0.07	24	0.06	0.07	24
1960-1970	0.06	0.06	48	0.06	0.06	24	0.06	0.07	24
Total	0.07	0.07	144	0.07	0.07	72	0.07	0.07	72

Table 16: mfg_lfshare

	Overall			Treated			Control		
	Mean	Std Dev	Obs	Mean	Std Dev	Obs	Mean	Std Dev	Obs
1940-1950	22.80	11.60	48	26.16	12.23	24	19.44	10.08	24
1950-1960	26.93	12.62	48	29.46	13.47	24	24.40	11.43	24
1960-1970	27.26	10.92	48	28.61	11.26	24	25.91	10.63	24
Total	25.66	11.83	144	28.07	12.26	72	23.25	10.93	72

Table 17: base_all_local

	Overall			Treated			Control		
	Mean	Std Dev	Obs	Mean	Std Dev	Obs	Mean	Std Dev	Obs
1940-1950	98.27	79.70	48	117.38	98.02	24	79.17	51.09	24
1950-1960	82.40	69.83	48	96.79	86.98	24	68.00	44.35	24
1960-1970	70.88	68.53	48	85.63	86.56	24	56.13	40.64	24
Total	83.85	73.22	144	99.93	90.36	72	67.76	45.91	72

Table 18: base_schdist_ind

	Overall			Treated			Control		
	Mean	Std Dev	Obs	Mean	Std Dev	Obs	Mean	Std Dev	Obs
1940-1950	63.96	58.79	48	74.17	71.84	24	53.75	41.04	24
1950-1960	44.10	41.04	48	48.25	48.01	24	39.96	33.17	24
1960-1970	25.00	25.04	48	28.33	30.09	24	21.67	18.79	24
Total	44.35	46.37	144	50.25	55.40	72	38.46	34.52	72

Table 19: new_all_local

	Overall			Treated			Control		
	Mean	Std Dev	Obs	Mean	Std Dev	Obs	Mean	Std Dev	Obs
1940-1950	-15.88	31.55	48	-20.58	40.17	24	-11.17	19.35	24
1950-1960	-11.52	33.97	48	-11.17	39.13	24	-11.88	28.74	24
1960-1970	-4.69	13.85	48	-4.46	15.81	24	-4.92	11.91	24
Total	-10.69	28.12	144	-12.07	33.83	72	-9.32	21.09	72

Table 20: new_schdist_ind

	Overall			Treated			Control		
	Mean	Std Dev	Obs	Mean	Std Dev	Obs	Mean	Std Dev	Obs
1940-1950	-19.85	31.75	48	-25.92	40.23	24	-13.79	19.12	24
1950-1960	-19.10	28.46	48	-19.92	31.65	24	-18.29	25.54	24
1960-1970	-7.48	11.86	48	-7.54	12.37	24	-7.42	11.60	24
Total	-15.48	26.00	144	-17.79	30.95	72	-13.17	19.84	72

Table 21: countypop

	Overall			Treated			Control		
	Mean	Std Dev	Obs	Mean	Std Dev	Obs	Mean	Std Dev	Obs
1940-1950	371741.31	1201087.10	48	362586.13	817225.73	24	380896.50	1509937.02	24
1950-1960	419474.19	1290495.74	48	424881.83	888980.02	24	414066.54	1616421.91	24
1960-1970	404268.27	1249734.96	48	394954.33	847262.10	24	413582.21	1572751.35	24
Total	398494.59	1239046.97	144	394140.76	839974.10	72	402848.42	1544831.04	72

6 County Comparisons: By Region and blackmig3539_share bins

This section compares summary statistics for the 24 decile-census region pairs individually.

6.1 NortheastRegion

Table 22: Northeast region, decile 2

	Lehigh County, PA (Treated) Mean	Bristol County, MA (Control) Mean
1940-1950		
blackmig3539_share	0.00	0.00
GM	57.00	5.00
GM_hat	42.00	46.00
base_all_local	54.00	26.00
base_schdist_ind	25.00	0.00
Number of Local Govts	-6.00	17.00
Number of Independent School Districts	-3.00	0.00
mfg_lfshare	41.46	43.19
countypop	97024.00	263505.00
1950-1960		
blackmig3539_share	0.00	0.00
GM	3.00	7.00
GM_hat	21.00	29.00
base_all_local	48.00	43.00
base_schdist_ind	22.00	0.00
Number of Local Govts	16.00	-2.00
Number of Independent School Districts	-10.00	2.00
mfg_lfshare	44.04	48.79
countypop	211211.00	261183.00
1960-1970		
blackmig3539_share	0.00	0.00
GM	51.00	26.00
GM_hat	32.00	35.00
base_all_local	64.00	41.00
base_schdist_ind	12.00	2.00
Number of Local Govts	3.00	4.00
Number of Independent School Districts	-2.00	0.00
mfg_lfshare	43.32	46.83
countypop	108420.00	243352.00

Table 23: Northeast region, decile 3

	Oneida County, NY (Treated) Mean	Chittenden County, VT (Control) Mean
1940-1950		
blackmig3539_share	0.01	0.01
GM	56.00	2.00
GM_hat	51.00	26.00
base_all_local	276.00	28.00
base_schdist_ind	218.00	3.00
Number of Local Govts	-120.00	1.00
Number of Independent School Districts	-140.00	0.00
mfg_lfshare	32.52	18.69
countypop	134909.00	27710.00
1950-1960		
blackmig3539_share	0.01	0.01
GM	44.00	23.00
GM_hat	30.00	29.00
base_all_local	156.00	29.00
base_schdist_ind	78.00	3.00
Number of Local Govts	-56.00	5.00
Number of Independent School Districts	-52.00	1.00
mfg_lfshare	33.31	23.82
countypop	182527.00	33155.00
1960-1970		
blackmig3539_share	0.01	0.01
GM	51.00	22.00
GM_hat	33.00	13.00
base_all_local	100.00	34.00
base_schdist_ind	26.00	4.00
Number of Local Govts	-5.00	15.00
Number of Independent School Districts	-6.00	17.00
mfg_lfshare	28.02	19.12
countypop	151900.00	35531.00

Table 24: Northeast region, decile 4

	Niagara County, NY (Treated) Mean	Broome County, NY (Control) Mean
1940-1950		
blackmig3539_share	0.03	0.02
GM	69.00	13.00
GM_hat	17.00	59.00
base_all_local	138.00	109.00
base_schdist_ind	109.00	71.00
Number of Local Govts	-64.00	-41.00
Number of Independent School Districts	-65.00	-41.00
mfg_lfshare	42.28	41.64
countypop	102554.00	78322.00
1950-1960		
blackmig3539_share	0.02	0.02
GM	57.00	36.00
GM_hat	57.00	47.00
base_all_local	74.00	68.00
base_schdist_ind	44.00	30.00
Number of Local Govts	-39.00	-6.00
Number of Independent School Districts	-34.00	-4.00
mfg_lfshare	47.86	43.97
countypop	116005.00	80674.00
1960-1970		
blackmig3539_share	0.02	0.02
GM	52.00	18.00
GM_hat	62.00	43.00
base_all_local	35.00	62.00
base_schdist_ind	10.00	26.00
Number of Local Govts	-1.00	-13.00
Number of Independent School Districts	0.00	-11.00
mfg_lfshare	40.30	43.60
countypop	136403.00	76060.00

Table 25: Northeast region, decile 5

	Camden County, NJ (Treated) Mean	Lawrence County, PA (Control) Mean
1940-1950		
blackmig3539_share	0.05	0.04
GM	80.00	31.00
GM_hat	16.00	69.00
base_all_local	78.00	56.00
base_schdist_ind	35.00	28.00
Number of Local Govts	0.00	0.00
Number of Independent School Districts	0.00	0.00
mfg_lfshare	35.58	25.26
countypop	117645.00	47778.00
1950-1960		
blackmig3539_share	0.04	0.04
GM	94.00	46.00
GM_hat	57.00	62.00
base_all_local	78.00	56.00
base_schdist_ind	35.00	28.00
Number of Local Govts	26.00	7.00
Number of Independent School Districts	4.00	-7.00
mfg_lfshare	37.48	40.71
countypop	124555.00	48834.00
1960-1970		
blackmig3539_share	0.05	0.05
GM	98.00	16.00
GM_hat	11.00	55.00
base_all_local	104.00	63.00
base_schdist_ind	39.00	21.00
Number of Local Govts	8.00	-10.00
Number of Independent School Districts	2.00	-13.00
mfg_lfshare	38.72	37.65
countypop	117120.00	44790.00

Table 26: Northeast region, decile 6

	Middlesex County, NJ (Treated) Mean	Dutchess County, NY (Control) Mean
1940-1950		
blackmig3539_share	0.08	0.06
GM	78.00	39.00
GM_hat	71.00	79.00
base_all_local	50.00	163.00
base_schdist_ind	21.00	112.00
Number of Local Govts	1.00	-64.00
Number of Independent School Districts	0.00	-66.00
mfg_lfshare	43.26	19.52
countypop	74509.00	40623.00
1950-1960		
blackmig3539_share	0.07	0.06
GM	67.00	74.00
GM_hat	68.00	74.00
base_all_local	51.00	99.00
base_schdist_ind	21.00	46.00
Number of Local Govts	28.00	-28.00
Number of Independent School Districts	0.00	-28.00
mfg_lfshare	47.09	26.80
countypop	80141.00	41023.00
1960-1970		
blackmig3539_share	0.07	0.07
GM	83.00	84.00
GM_hat	76.00	78.00
base_all_local	79.00	71.00
base_schdist_ind	21.00	18.00
Number of Local Govts	-3.00	-3.00
Number of Independent School Districts	-1.00	-5.00
mfg_lfshare	42.25	30.86
countypop	78146.00	38330.00

Table 27: Northeast region, decile 7

	Erie County, NY (Treated) Mean	Cambria County, PA (Control) Mean
1940-1950		
blackmig3539_share	0.09	0.12
GM	80.00	42.00
GM_hat	76.00	83.00
base_all_local	290.00	124.00
base_schdist_ind	210.00	57.00
Number of Local Govts	-117.00	-4.00
Number of Independent School Districts	-120.00	-2.00
mfg_lfshare	28.68	22.82
countypop	600283.00	66758.00
1950-1960		
blackmig3539_share	0.09	0.13
GM	83.00	35.00
GM_hat	77.00	83.00
base_all_local	173.00	120.00
base_schdist_ind	90.00	55.00
Number of Local Govts	-55.00	38.00
Number of Independent School Districts	-54.00	1.00
mfg_lfshare	36.07	27.81
countypop	606331.00	63232.00
1960-1970		
blackmig3539_share	0.09	0.15
GM	73.00	30.00
GM_hat	79.00	68.00
base_all_local	118.00	158.00
base_schdist_ind	36.00	56.00
Number of Local Govts	-10.00	-39.00
Number of Independent School Districts	-7.00	-44.00
mfg_lfshare	34.43	32.96
countypop	562304.00	54120.00

Table 28: Northeast region, decile 8

	Philadelphia County, PA (Treated) Mean	Bergen County, NJ (Control) Mean
1940-1950		
blackmig3539_share	0.18	0.14
GM	96.00	4.00
GM_hat	82.00	89.00
base_all_local	4.00	142.00
base_schdist_ind	1.00	67.00
Number of Local Govts	-1.00	1.00
Number of Independent School Districts	0.00	1.00
mfg_lfshare	28.34	30.77
countypop	1932994.00	69856.00
1950-1960		
blackmig3539_share	0.16	0.11
GM	88.00	49.00
GM_hat	86.00	85.00
base_all_local	3.00	143.00
base_schdist_ind	1.00	68.00
Number of Local Govts	1.00	6.00
Number of Independent School Districts	0.00	2.00
mfg_lfshare	32.96	36.00
countypop	2121412.00	83761.00
1960-1970		
blackmig3539_share	0.17	0.11
GM	86.00	59.00
GM_hat	82.00	90.00
base_all_local	4.00	149.00
base_schdist_ind	1.00	70.00
Number of Local Govts	3.00	7.00
Number of Independent School Districts	1.00	2.00
mfg_lfshare	31.06	33.65
countypop	2004240.00	89287.00

Table 29: Northeast region, decile 9

	Essex County, NJ (Treated) Mean	New York County, NY (Control) Mean
1940-1950		
blackmig3539_share	0.20	0.18
GM	89.00	84.00
GM_hat	78.00	81.00
base_all_local	43.00	6.00
base_schdist_ind	14.00	0.00
Number of Local Govts	-1.00	-4.00
Number of Independent School Districts	0.00	0.00
mfg_lfshare	27.91	14.80
countypop	642748.00	7461373.00
1950-1960		
blackmig3539_share	0.19	0.17
GM	98.00	71.00
GM_hat	90.00	87.00
base_all_local	42.00	2.00
base_schdist_ind	14.00	0.00
Number of Local Govts	2.00	1.00
Number of Independent School Districts	1.00	0.00
mfg_lfshare	33.73	21.51
countypop	677992.00	7991312.00
1960-1970		
blackmig3539_share	0.19	0.17
GM	99.00	91.00
GM_hat	74.00	86.00
base_all_local	44.00	3.00
base_schdist_ind	15.00	0.00
Number of Local Govts	1.00	0.00
Number of Independent School Districts	1.00	0.00
mfg_lfshare	31.86	20.54
countypop	653032.00	7782400.00

6.2 MidwestRegion

Table 30: Midwest region, decile 2

	McLean County, IL (Treated) Mean	Dubuque County, IA (Control) Mean
1940-1950		
blackmig3539_share	0.01	0.00
GM	45.00	8.00
GM_hat	45.00	44.00
base_all_local	196.00	88.00
base_schdist_ind	134.00	66.00
Number of Local Govts	-93.00	0.00
Number of Independent School Districts	-105.00	-2.00
mfg_lfshare	8.16	23.93
countypop	32901.00	44030.00
1950-1960		
blackmig3539_share	0.01	0.00
GM	39.00	15.00
GM_hat	27.00	22.00
base_all_local	103.00	88.00
base_schdist_ind	29.00	64.00
Number of Local Govts	0.00	-48.00
Number of Independent School Districts	-14.00	-47.00
mfg_lfshare	12.84	30.03
countypop	34163.00	49671.00
1960-1970		
blackmig3539_share	0.01	0.00
GM	49.00	21.00
GM_hat	33.00	38.00
base_all_local	103.00	40.00
base_schdist_ind	15.00	17.00
Number of Local Govts	11.00	-14.00
Number of Independent School Districts	-2.00	-15.00
mfg_lfshare	15.06	28.30
countypop	36271.00	56606.00

Table 31: Midwest region, decile 3

	Pennington County, SD (Treated) Mean	Cerro Gordo County, IA (Control) Mean
1940-1950		
blackmig3539_share	0.01	0.01
GM	95.00	3.00
GM_hat	63.00	53.00
base_all_local	103.00	74.00
base_schdist_ind	75.00	64.00
Number of Local Govts	2.00	2.00
Number of Independent School Districts	-2.00	0.00
mfg_lfshare	10.33	17.49
countypop	13876.00	27170.00
1950-1960		
blackmig3539_share	0.00	0.01
GM	1.00	7.00
GM_hat	41.00	33.00
base_all_local	105.00	76.00
base_schdist_ind	73.00	64.00
Number of Local Govts	-21.00	-35.00
Number of Independent School Districts	-20.00	-47.00
mfg_lfshare	8.40	17.90
countypop	25310.00	27980.00
1960-1970		
blackmig3539_share	0.00	0.01
GM	7.00	16.00
GM_hat	42.00	44.00
base_all_local	84.00	41.00
base_schdist_ind	53.00	17.00
Number of Local Govts	-43.00	-13.00
Number of Independent School Districts	-48.00	-11.00
mfg_lfshare	9.41	18.31
countypop	42399.00	30642.00

Table 32: Midwest region, decile 4

	Kent County, MI (Treated) Mean	Linn County, IA (Control) Mean
1940-1950		
blackmig3539_share	0.02	0.02
GM	74.00	15.00
GM_hat	43.00	65.00
base_all_local	236.00	87.00
base_schdist_ind	200.00	70.00
Number of Local Govts	-22.00	-8.00
Number of Independent School Districts	-23.00	-10.00
mfg_lfshare	31.32	20.54
countypop	164523.00	62256.00
1950-1960		
blackmig3539_share	0.02	0.02
GM	72.00	33.00
GM_hat	42.00	51.00
base_all_local	214.00	79.00
base_schdist_ind	177.00	60.00
Number of Local Govts	-124.00	-32.00
Number of Independent School Districts	-124.00	-37.00
mfg_lfshare	38.03	29.15
countypop	178673.00	72296.00
1960-1970		
blackmig3539_share	0.02	0.01
GM	75.00	38.00
GM_hat	30.00	44.00
base_all_local	90.00	47.00
base_schdist_ind	53.00	23.00
Number of Local Govts	-34.00	-8.00
Number of Independent School Districts	-34.00	-11.00
mfg_lfshare	34.28	35.34
countypop	177020.00	92035.00

Table 33: Midwest region, decile 5

	Erie County, OH (Treated) Mean	Buchanan County, MO (Control) Mean
1940-1950		
blackmig3539_share	0.04	0.04
GM	84.00	3.00
GM_hat	70.00	19.00
base_all_local	27.00	71.00
base_schdist_ind	11.00	62.00
Number of Local Govts	1.00	-24.00
Number of Independent School Districts	-1.00	-24.00
mfg_lfshare	26.60	19.23
countypop	24958.00	75822.00
1950-1960		
blackmig3539_share	0.03	0.04
GM	82.00	3.00
GM_hat	59.00	45.00
base_all_local	28.00	47.00
base_schdist_ind	10.00	38.00
Number of Local Govts	-1.00	-27.00
Number of Independent School Districts	-2.00	-29.00
mfg_lfshare	38.72	25.40
countypop	29375.00	78588.00
1960-1970		
blackmig3539_share	0.03	0.04
GM	68.00	8.00
GM_hat	49.00	57.00
base_all_local	27.00	20.00
base_schdist_ind	8.00	9.00
Number of Local Govts	1.00	1.00
Number of Independent School Districts	-1.00	-4.00
mfg_lfshare	33.60	27.40
countypop	31989.00	79673.00

Table 34: Midwest region, decile 6

	Allen County, OH (Treated) Mean	Boone County, MO (Control) Mean
1940-1950		
blackmig3539_share	0.08	0.06
GM	79.00	1.00
GM_hat	86.00	10.00
base_all_local	37.00	97.00
base_schdist_ind	14.00	85.00
Number of Local Govts	2.00	-41.00
Number of Independent School Districts	0.00	-43.00
mfg_lfshare	24.75	5.75
countypop	44813.00	18425.00
1950-1960		
blackmig3539_share	0.07	0.03
GM	84.00	44.00
GM_hat	72.00	3.00
base_all_local	39.00	56.00
base_schdist_ind	14.00	42.00
Number of Local Govts	0.00	-26.00
Number of Independent School Districts	-1.00	-26.00
mfg_lfshare	29.95	7.14
countypop	50246.00	31974.00
1960-1970		
blackmig3539_share	0.07	0.03
GM	72.00	67.00
GM_hat	72.00	52.00
base_all_local	39.00	30.00
base_schdist_ind	13.00	16.00
Number of Local Govts	-4.00	-5.00
Number of Independent School Districts	-4.00	-5.00
mfg_lfshare	34.71	8.07
countypop	51200.00	36650.00

Table 35: Midwest region, decile 7

	Lorain County, OH (Treated) Mean	St. Clair County, MI (Control) Mean
1940-1950		
blackmig3539_share	0.09	0.08
GM	90.00	35.00
GM_hat	59.00	88.00
base_all_local	66.00	180.00
base_schdist_ind	30.00	146.00
Number of Local Govts	-1.00	-15.00
Number of Independent School Districts	-2.00	-14.00
mfg_lfshare	39.85	27.30
countypop	69258.00	32877.00
1950-1960		
blackmig3539_share	0.05	0.08
GM	55.00	39.00
GM_hat	61.00	75.00
base_all_local	65.00	165.00
base_schdist_ind	28.00	132.00
Number of Local Govts	-9.00	-106.00
Number of Independent School Districts	-13.00	-106.00
mfg_lfshare	47.49	35.60
countypop	113708.00	35725.00
1960-1970		
blackmig3539_share	0.05	0.07
GM	73.00	41.00
GM_hat	9.00	76.00
base_all_local	56.00	59.00
base_schdist_ind	15.00	26.00
Number of Local Govts	-1.00	-17.00
Number of Independent School Districts	1.00	-18.00
mfg_lfshare	43.00	30.29
countypop	112422.00	36084.00

Table 36: Midwest region, decile 8

	Saginaw County, MI (Treated) Mean	Scioto County, OH (Control) Mean
1940-1950		
blackmig3539_share	0.18	0.15
GM	92.00	1.00
GM_hat	89.00	50.00
base_all_local	190.00	42.00
base_schdist_ind	156.00	17.00
Number of Local Govts	-30.00	-2.00
Number of Independent School Districts	-31.00	-1.00
mfg_lfshare	30.09	25.46
countypop	82928.00	40333.00
1950-1960		
blackmig3539_share	0.16	0.16
GM	95.00	38.00
GM_hat	85.00	82.00
base_all_local	160.00	40.00
base_schdist_ind	125.00	16.00
Number of Local Govts	-89.00	-4.00
Number of Independent School Districts	-92.00	-4.00
mfg_lfshare	39.90	32.74
countypop	92918.00	36798.00
1960-1970		
blackmig3539_share	0.15	0.18
GM	83.00	1.00
GM_hat	86.00	1.00
base_all_local	71.00	36.00
base_schdist_ind	33.00	12.00
Number of Local Govts	-17.00	0.00
Number of Independent School Districts	-20.00	-2.00
mfg_lfshare	37.79	32.49
countypop	98280.00	33637.00

Table 37: Midwest region, decile 9

	Cook County, IL (Treated) Mean	Jasper County, MO (Control) Mean
1940-1950		
blackmig3539_share	0.24	0.25
GM	93.00	2.00
GM_hat	94.00	93.00
base_all_local	383.00	141.00
base_schdist_ind	193.00	112.00
Number of Local Govts	39.00	-27.00
Number of Independent School Districts	-29.00	-27.00
mfg_lfshare	29.00	16.91
countypop	3672323.00	36872.00
1950-1960		
blackmig3539_share	0.22	0.24
GM	91.00	25.00
GM_hat	94.00	86.00
base_all_local	422.00	114.00
base_schdist_ind	164.00	85.00
Number of Local Govts	38.00	-42.00
Number of Independent School Districts	-13.00	-45.00
mfg_lfshare	35.10	19.32
countypop	3943184.00	38711.00
1960-1970		
blackmig3539_share	0.23	0.24
GM	93.00	7.00
GM_hat	97.00	99.00
base_all_local	460.00	72.00
base_schdist_ind	151.00	40.00
Number of Local Govts	40.00	-26.00
Number of Independent School Districts	3.00	-29.00
mfg_lfshare	32.54	23.46
countypop	3841130.00	38958.00

6.3 WestRegion

Table 38: West region, decile 2

	Cascade County, MT (Treated) Mean	Marion County, OR (Control) Mean
1940-1950		
blackmig3539_share	0.00	0.00
GM	34.00	33.00
GM_hat	18.00	27.00
base_all_local	72.00	138.00
base_schdist_ind	64.00	113.00
Number of Local Govts	-11.00	-19.00
Number of Independent School Districts	-12.00	-35.00
mfg_lfshare	13.82	13.19
countypop	29992.00	31003.00
1950-1960		
blackmig3539_share	0.00	0.00
GM	20.00	12.00
GM_hat	21.00	18.00
base_all_local	61.00	119.00
base_schdist_ind	52.00	78.00
Number of Local Govts	-14.00	-26.00
Number of Independent School Districts	-14.00	-36.00
mfg_lfshare	14.20	14.67
countypop	39214.00	43140.00
1960-1970		
blackmig3539_share	0.00	0.00
GM	9.00	32.00
GM_hat	16.00	29.00
base_all_local	47.00	93.00
base_schdist_ind	38.00	42.00
Number of Local Govts	-20.00	2.00
Number of Independent School Districts	-20.00	-6.00
mfg_lfshare	12.66	13.98
countypop	55244.00	49142.00

Table 39: West region, decile 3

	Yakima County, WA (Treated) Mean	Silver Bow County, MT (Control) Mean
1940-1950		
blackmig3539_share	0.01	0.01
GM	65.00	20.00
GM_hat	48.00	48.00
base_all_local	115.00	13.00
base_schdist_ind	45.00	9.00
Number of Local Govts	-46.00	-1.00
Number of Independent School Districts	-22.00	-1.00
mfg_lfshare	6.29	4.08
countypop	27294.00	37129.00
1950-1960		
blackmig3539_share	0.01	0.01
GM	29.00	4.00
GM_hat	25.00	30.00
base_all_local	69.00	12.00
base_schdist_ind	23.00	8.00
Number of Local Govts	-1.00	1.00
Number of Independent School Districts	-4.00	0.00
mfg_lfshare	7.98	6.09
countypop	38486.00	33251.00
1960-1970		
blackmig3539_share	0.01	0.01
GM	32.00	8.00
GM_hat	31.00	48.00
base_all_local	68.00	13.00
base_schdist_ind	19.00	8.00
Number of Local Govts	-3.00	-3.00
Number of Independent School Districts	-4.00	-3.00
mfg_lfshare	11.14	7.67
countypop	43284.00	27877.00

Table 40: West region, decile 4

	Kitsap County, WA (Treated) Mean	Salt Lake County, UT (Control) Mean
1940-1950		
blackmig3539_share	0.02	0.02
GM	86.00	19.00
GM_hat	68.00	42.00
base_all_local	35.00	16.00
base_schdist_ind	6.00	4.00
Number of Local Govts	20.00	6.00
Number of Independent School Districts	-1.00	0.00
mfg_lfshare	34.20	12.40
countypop	15147.00	150095.00
1950-1960		
blackmig3539_share	0.01	0.02
GM	8.00	34.00
GM_hat	43.00	41.00
base_all_local	55.00	22.00
base_schdist_ind	5.00	4.00
Number of Local Govts	10.00	8.00
Number of Independent School Districts	0.00	0.00
mfg_lfshare	34.76	13.36
countypop	27678.00	187858.00
1960-1970		
blackmig3539_share	0.01	0.02
GM	39.00	12.00
GM_hat	46.00	41.00
base_all_local	65.00	30.00
base_schdist_ind	5.00	4.00
Number of Local Govts	8.00	8.00
Number of Independent School Districts	0.00	0.00
mfg_lfshare	38.43	16.43
countypop	28922.00	200220.00

Table 41: West region, decile 5

	San Francisco County, CA (Treated) Mean	Orange County, CA (Control) Mean
1940-1950		
blackmig3539_share	0.03	0.03
GM	98.00	46.00
GM_hat	13.00	14.00
base_all_local	7.00	95.00
base_schdist_ind	1.00	54.00
Number of Local Govts	0.00	5.00
Number of Independent School Districts	0.00	0.00
mfg_lfshare	14.23	8.56
countypop	636011.00	31938.00
1950-1960		
blackmig3539_share	0.02	0.02
GM	2.00	60.00
GM_hat	25.00	20.00
base_all_local	7.00	100.00
base_schdist_ind	1.00	54.00
Number of Local Govts	0.00	14.00
Number of Independent School Districts	0.00	-12.00
mfg_lfshare	15.56	15.83
countypop	1193811.00	45533.00
1960-1970		
blackmig3539_share	0.03	0.01
GM	65.00	77.00
GM_hat	64.00	41.00
base_all_local	7.00	114.00
base_schdist_ind	1.00	42.00
Number of Local Govts	1.00	-3.00
Number of Independent School Districts	1.00	-8.00
mfg_lfshare	15.39	28.00
countypop	740500.00	100350.00

Table 42: West region, decile 6

	Sacramento County, CA (Treated) Mean	Santa Clara County, CA (Control) Mean
1940-1950		
blackmig3539_share	0.07	0.06
GM	75.00	49.00
GM_hat	25.00	63.00
base_all_local	136.00	87.00
base_schdist_ind	66.00	59.00
Number of Local Govts	-2.00	-5.00
Number of Independent School Districts	-20.00	-11.00
mfg_lfshare	7.53	12.01
countypop	106533.00	85491.00
1950-1960		
blackmig3539_share	0.05	0.04
GM	82.00	56.00
GM_hat	50.00	44.00
base_all_local	134.00	82.00
base_schdist_ind	46.00	48.00
Number of Local Govts	-25.00	6.00
Number of Independent School Districts	-25.00	-2.00
mfg_lfshare	9.13	17.08
countypop	137877.00	124183.00
1960-1970		
blackmig3539_share	0.04	0.04
GM	93.00	87.00
GM_hat	75.00	70.00
base_all_local	109.00	88.00
base_schdist_ind	21.00	46.00
Number of Local Govts	-8.00	-13.00
Number of Independent School Districts	-4.00	-9.00
mfg_lfshare	15.42	28.00
countypop	191667.00	124967.00

Table 43: West region, decile 7

	Riverside County, CA (Treated) Mean	Pueblo County, CO (Control) Mean
1940-1950		
blackmig3539_share	0.08	0.09
GM	85.00	19.00
GM_hat	44.00	15.00
base_all_local	102.00	63.00
base_schdist_ind	59.00	51.00
Number of Local Govts	-25.00	-42.00
Number of Independent School Districts	-13.00	-45.00
mfg_lfshare	4.92	24.90
countypop	34900.00	52349.00
1950-1960		
blackmig3539_share	0.06	0.07
GM	69.00	39.00
GM_hat	31.00	28.00
base_all_local	77.00	21.00
base_schdist_ind	46.00	6.00
Number of Local Govts	50.00	3.00
Number of Independent School Districts	-4.00	-3.00
mfg_lfshare	7.71	26.54
countypop	46764.00	63685.00
1960-1970		
blackmig3539_share	0.03	0.05
GM	71.00	18.00
GM_hat	50.00	71.00
base_all_local	127.00	24.00
base_schdist_ind	42.00	3.00
Number of Local Govts	-7.00	0.00
Number of Independent School Districts	-10.00	-1.00
mfg_lfshare	13.75	32.19
countypop	84280.00	91181.00

Table 44: West region, decile 8

	Contra Costa County, CA (Treated) Mean	Denver County, CO (Control) Mean
1940-1950		
blackmig3539_share	0.13	0.14
GM	100.00	70.00
GM_hat	2.00	12.00
base_all_local	103.00	4.00
base_schdist_ind	50.00	1.00
Number of Local Govts	-6.00	0.00
Number of Independent School Districts	-16.00	0.00
mfg_lfshare	37.97	12.64
countypop	23706.00	322780.00
1950-1960		
blackmig3539_share	0.03	0.11
GM	47.00	63.00
GM_hat	5.00	55.00
base_all_local	97.00	4.00
base_schdist_ind	34.00	1.00
Number of Local Govts	5.00	1.00
Number of Independent School Districts	-2.00	0.00
mfg_lfshare	28.28	16.05
countypop	99545.00	419558.00
1960-1970		
blackmig3539_share	0.04	0.09
GM	100.00	68.00
GM_hat	4.00	82.00
base_all_local	102.00	5.00
base_schdist_ind	32.00	1.00
Number of Local Govts	-17.00	4.00
Number of Independent School Districts	-13.00	0.00
mfg_lfshare	27.23	17.36
countypop	71854.00	493887.00

Table 45: West region, decile 9

	Solano County, CA (Treated) Mean	El Paso County, CO (Control) Mean
1940-1950		
blackmig3539_share	0.19	0.19
GM	98.00	14.00
GM_hat	83.00	11.00
base_all_local	76.00	50.00
base_schdist_ind	43.00	39.00
Number of Local Govts	-14.00	-3.00
Number of Independent School Districts	-17.00	-10.00
mfg_lfshare	28.63	5.55
countypop	20238.00	37021.00
1950-1960		
blackmig3539_share	0.15	0.15
GM	100.00	73.00
GM_hat	80.00	73.00
base_all_local	62.00	47.00
base_schdist_ind	26.00	29.00
Number of Local Govts	-10.00	7.00
Number of Independent School Districts	-5.00	-12.00
mfg_lfshare	26.53	9.24
countypop	26038.00	45472.00
1960-1970		
blackmig3539_share	0.06	0.10
GM	54.00	82.00
GM_hat	69.00	77.00
base_all_local	52.00	54.00
base_schdist_ind	21.00	17.00
Number of Local Govts	-10.00	8.00
Number of Independent School Districts	-14.00	-2.00
mfg_lfshare	22.18	9.35
countypop	60877.00	70194.00