

# Descriptive Tables and Figures for Municipality Proliferation

June 20, 2023

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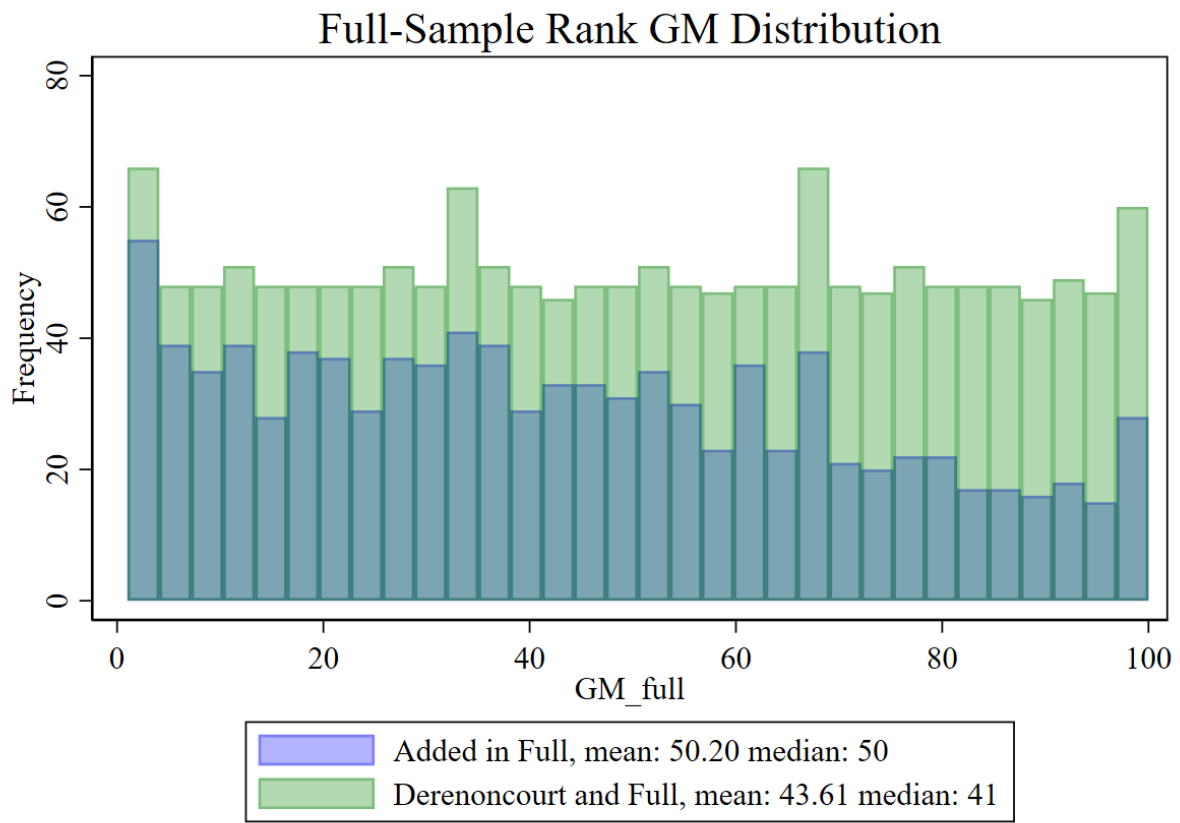
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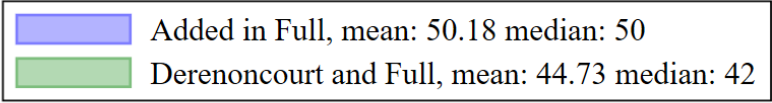
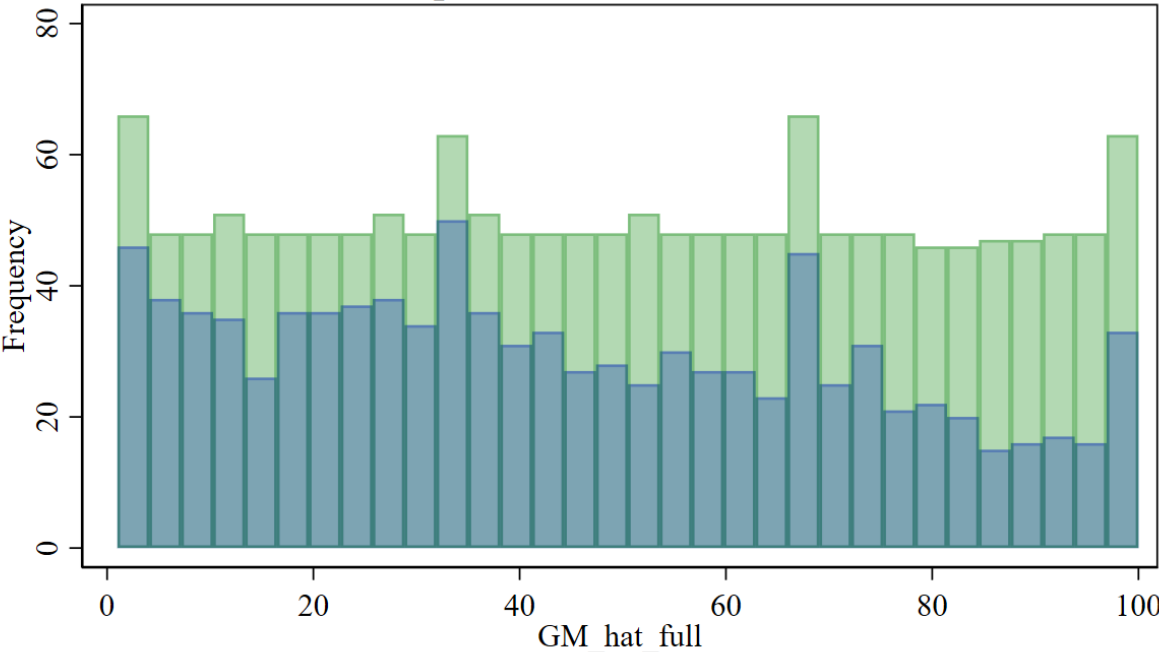
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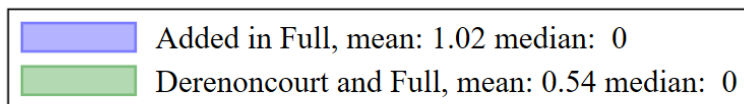
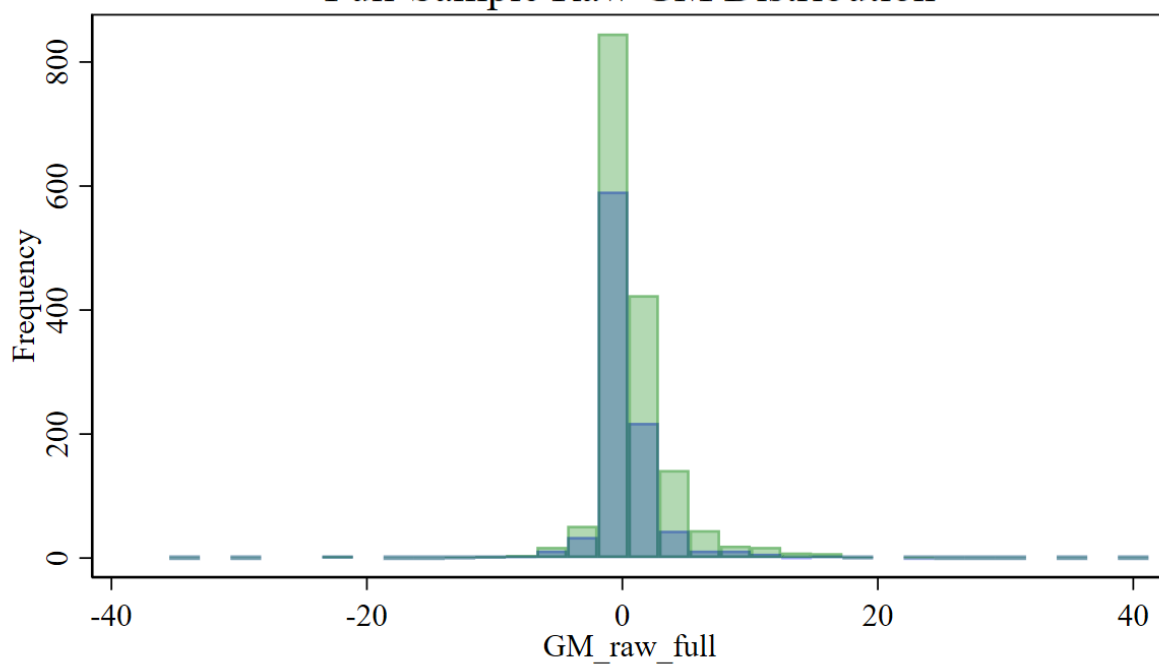


## 1 Distributions

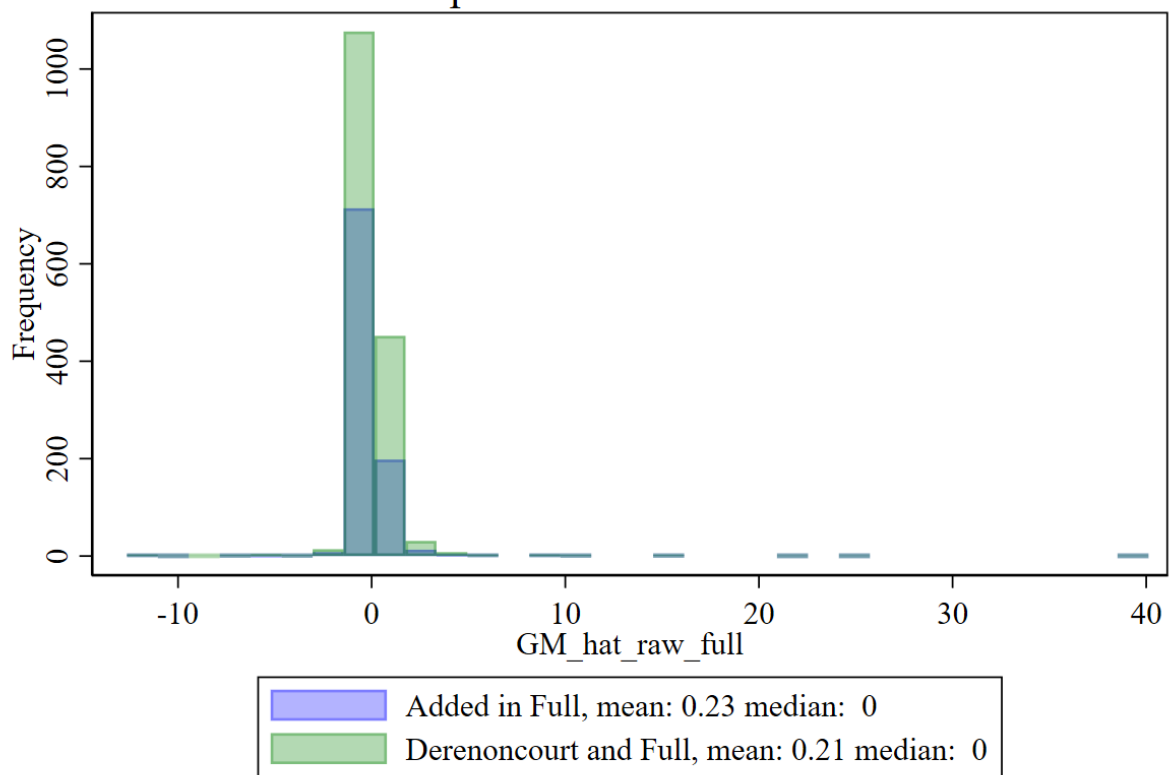
Full-Sample Rank GM Hat Distribution



Full-Sample Raw GM Distribution



Full-Sample Raw GM Hat Distribution



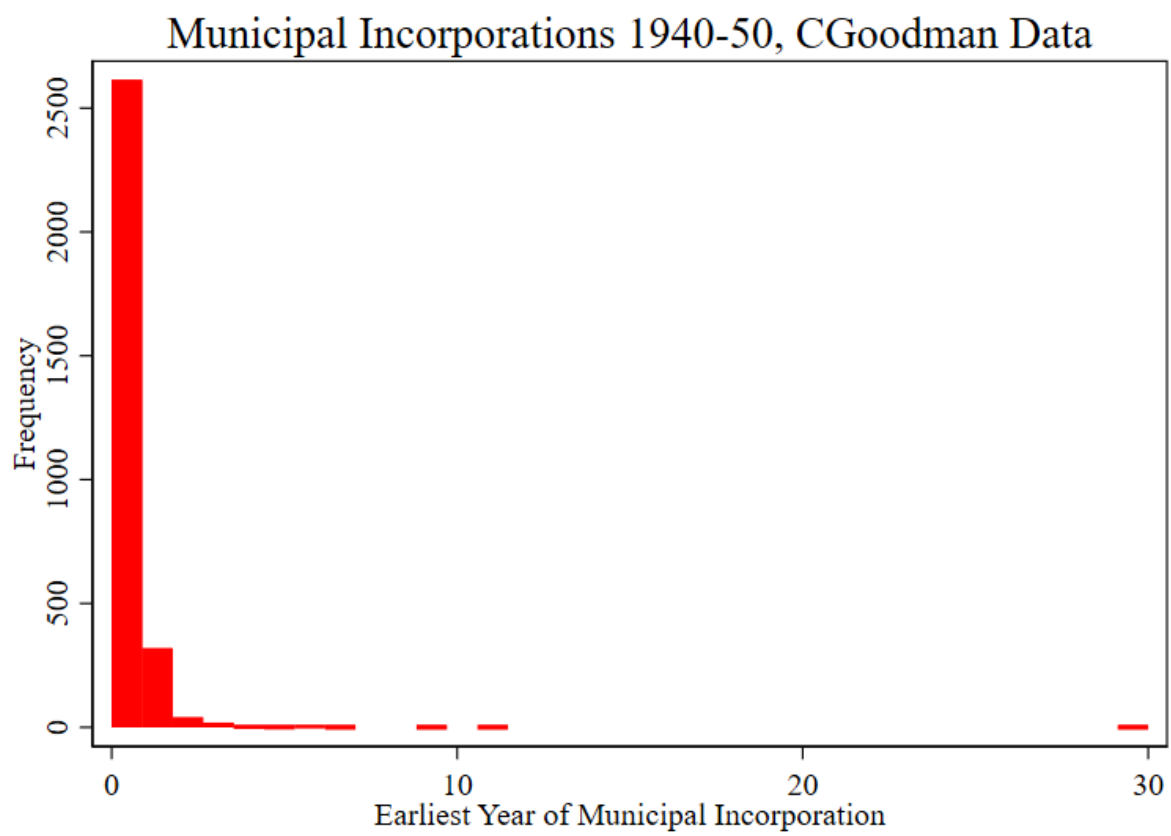


Figure 1: 1940-50

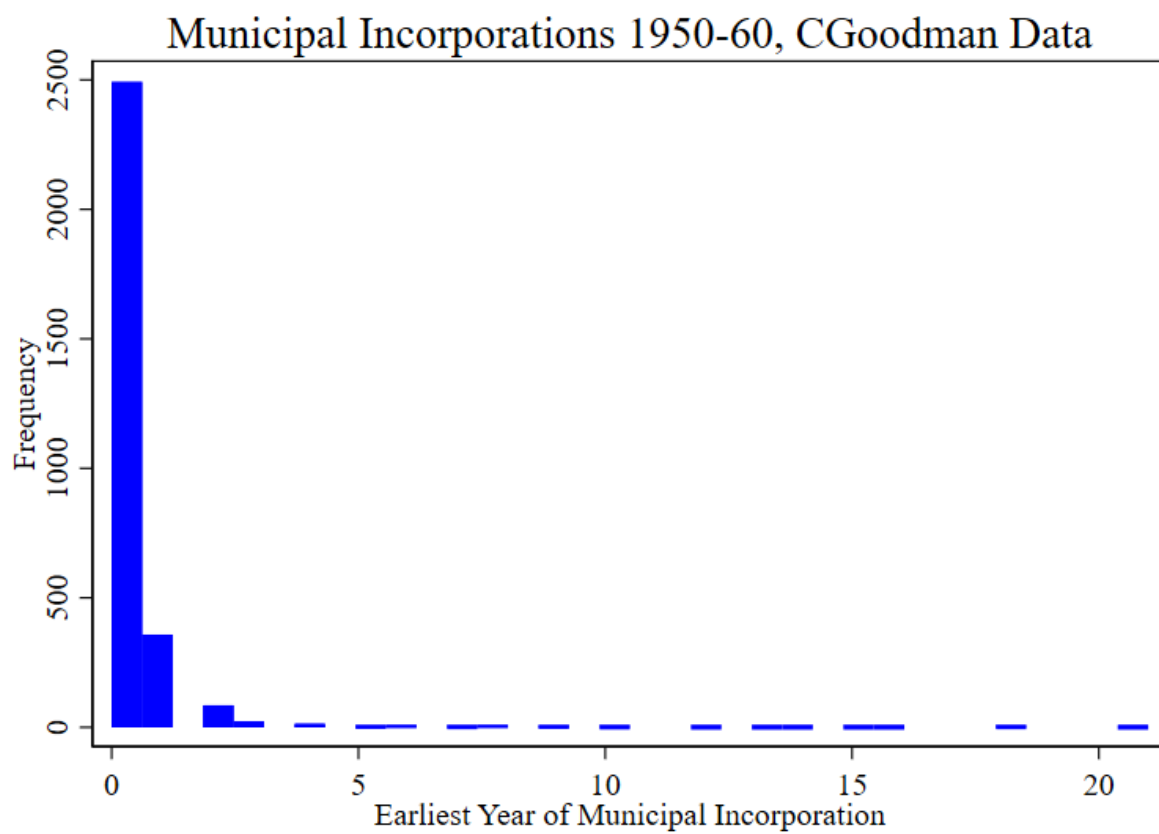


Figure 2: 1950-60

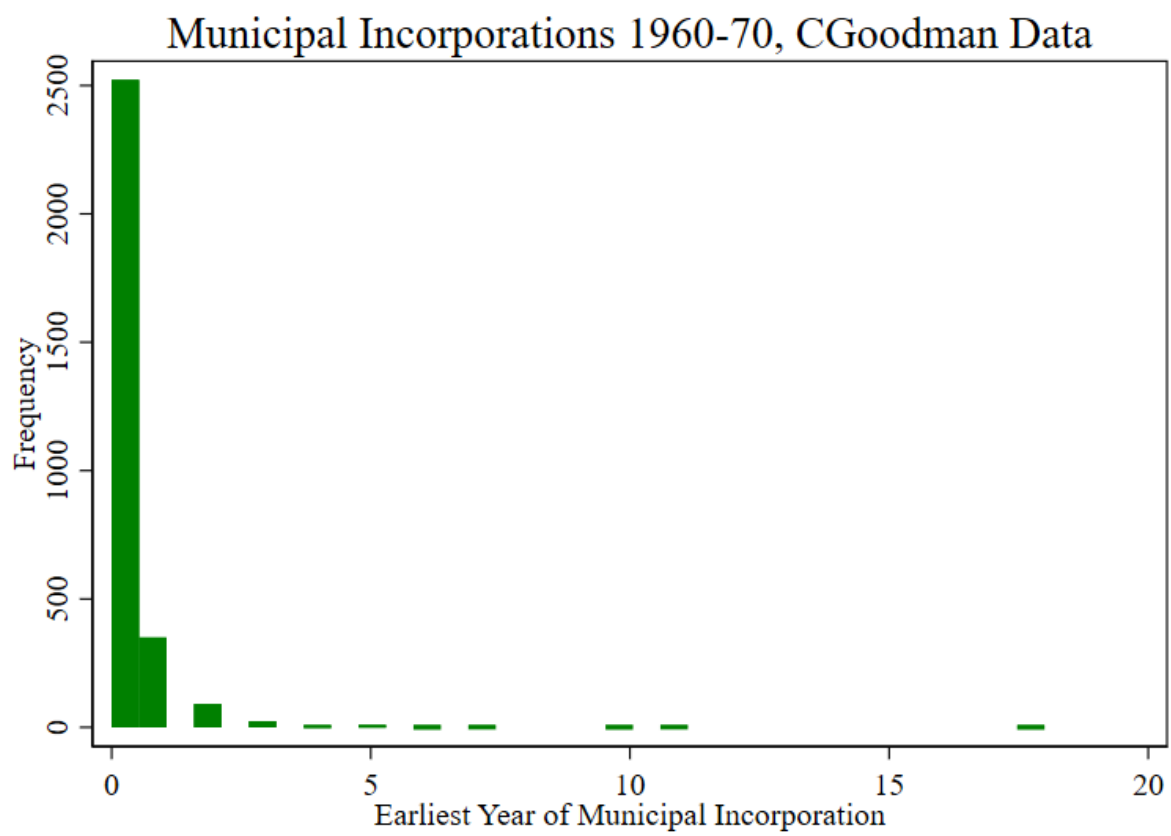
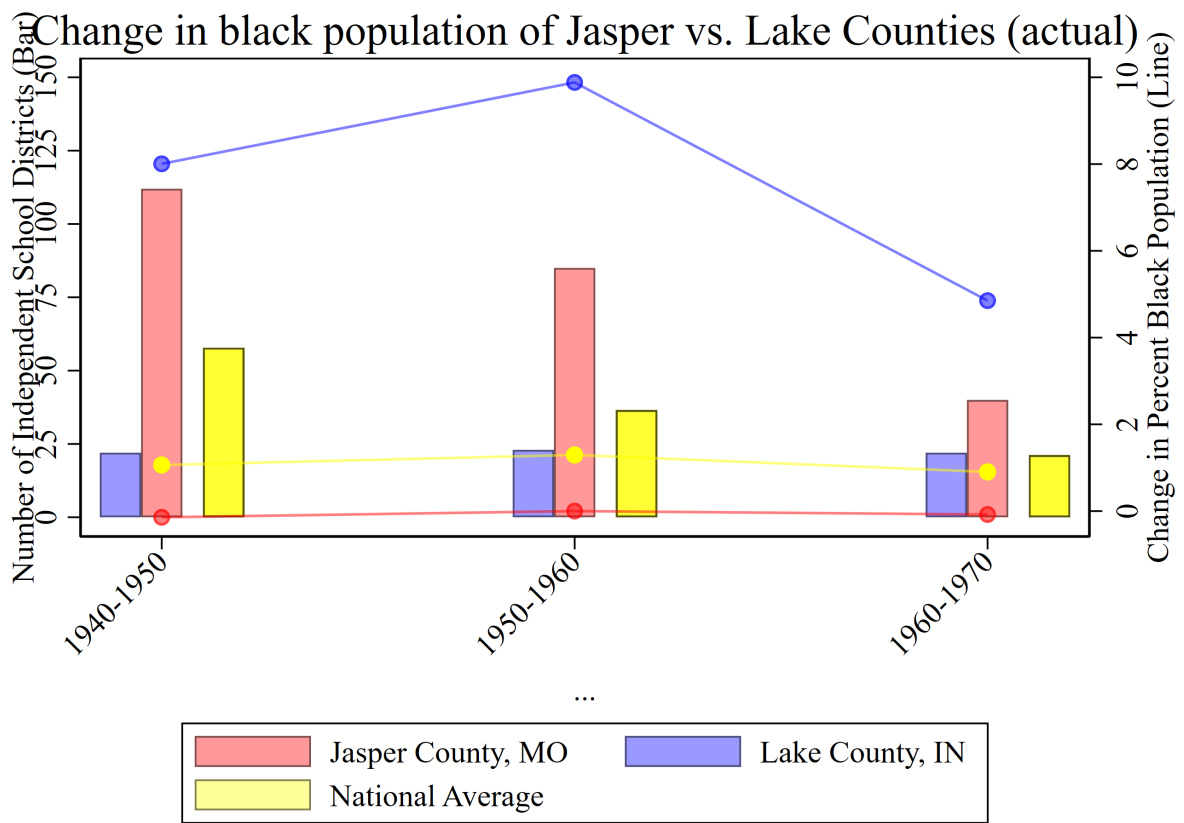


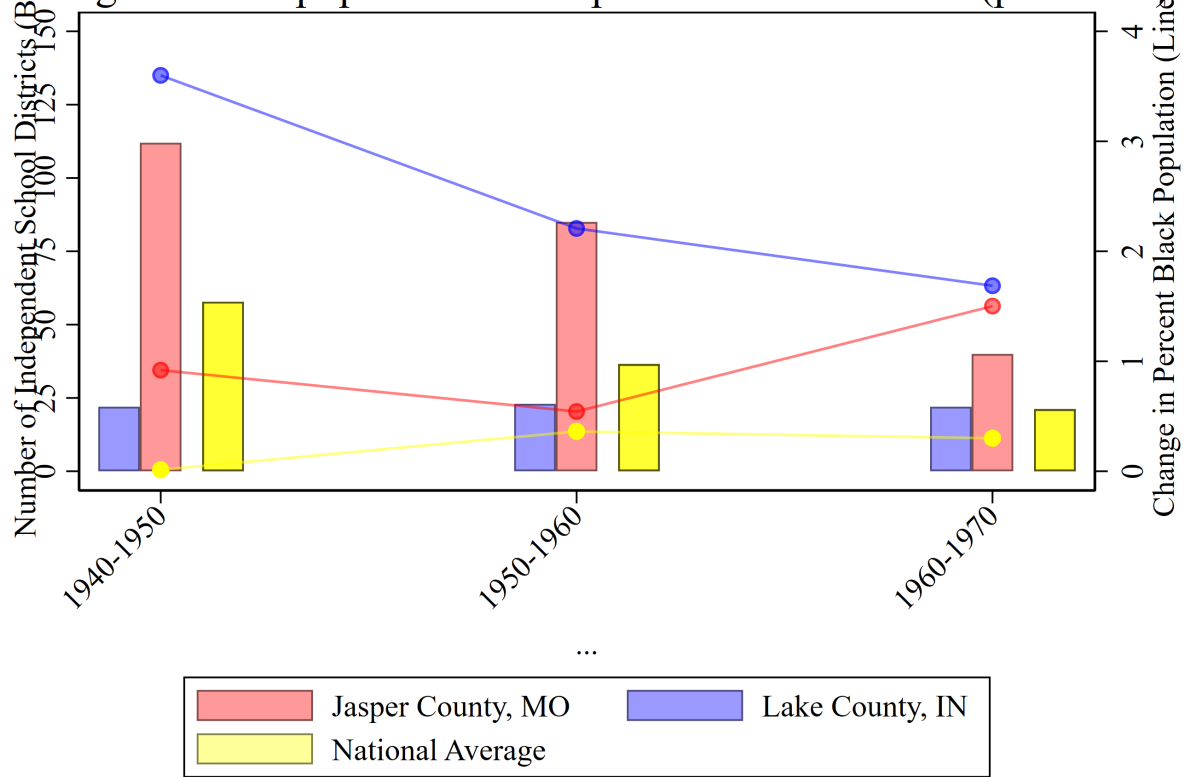
Figure 3: 1960-70



## 2 Jasper vs. Lake Counties



Change in black population of Jasper vs. Lake Counties (predicted)





	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*** (0.01)	-0.22*** (0.04)	-0.13* (0.07)	-0.14** (0.06)	
mfg_lfshare1940	-0.35 (0.50)	0.38 (0.35)	0.25 (0.21)	0.19 (0.19)	0.08** (0.03)
blackmig3539_share	-15.14* (7.94)	3.37 (11.55)	-5.64 (8.60)	-3.17 (6.28)	19.85*** (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 (42.93)	-107.41** (47.80)	-37.28* (20.28)	-33.92* (18.05)	-3.79 (6.51)
reg2	-24.50** (11.92)	-30.33*** (9.50)	-7.21** (3.60)	-7.50** (3.00)	2.31*** (0.84)
reg3	-26.34* (15.10)	-4.61 (21.53)	25.95 (19.48)	15.72 (12.48)	8.00** (3.61)
reg4	-20.49 (18.93)	-38.78*** (11.90)	-10.23 (7.31)	-13.09** (6.39)	-1.69* (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*** (0.01)	-0.32*** (0.05)	-0.19** (0.08)	-0.19*** (0.06)	
mfg_lfshare1940	-0.19 (0.15)	-0.22* (0.12)	0.00 (0.07)	-0.01 (0.06)	0.01 (0.00)
blackmig3539_share_totpop	-9.67** (4.80)	-7.61 (6.13)	-2.52 (3.54)	-1.95 (2.79)	2.65*** (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 (14.62)	-26.32** (10.35)	-10.54 (6.66)	-8.56 (5.68)	-0.87 (0.86)
reg2	-2.63 (2.46)	-0.74 (1.74)	0.14 (1.13)	0.18 (0.86)	0.19** (0.07)
reg3	-5.07 (3.82)	-2.24 (5.13)	1.88 (5.30)	-0.95 (4.27)	-0.30 (0.24)
reg4	-1.39 (4.99)	-9.77*** (3.50)	-2.27 (1.78)	-2.70* (1.45)	0.34*** (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*** (0.06)	-0.07*** (0.02)	-0.03 (0.03)	-0.04 (0.03)	
mfg_lfshare	-0.27 (0.62)	0.31*** (0.11)	0.16** (0.07)	0.12** (0.06)	0.07*** (0.02)
blackmig3539_share	-47.14* (25.06)	5.65 (6.21)	-0.60 (3.97)	0.06 (3.61)	24.38*** (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 (54.92)	-27.47** (11.40)	-5.94 (5.01)	-6.36 (4.66)	-5.84 (5.09)
reg2	-6.11 (10.04)	-10.49*** (2.88)	-2.86*** (0.88)	-2.84*** (0.76)	1.94*** (0.60)
reg3	5.52 (15.28)	-1.20 (5.40)	8.70** (3.87)	5.15 (3.65)	8.49*** (2.55)
reg4	-13.23 (13.90)	-9.75*** (3.62)	-2.30 (2.00)	-3.60* (1.85)	-0.82 (0.74)
1940.decade	0.00 (.)	0.00 (.)	0.00 (.)	0.00 (.)	0.00 (.)
1950.decade	-68.33*** (13.75)	1.73 (2.12)	1.60 (0.98)	0.92 (0.90)	1.48*** (0.39)
1960.decade	-62.96*** (12.58)	9.21*** (2.33)	4.06*** (1.00)	3.54*** (0.92)	3.65*** (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*** (0.05)	-0.10*** (0.02)	-0.04* (0.02)	-0.04* (0.02)	
mfg_lfshare	0.06 (0.18)	-0.04 (0.03)	0.02 (0.02)	0.01 (0.02)	0.01*** (0.00)
blackmig3539_share_totpop	-0.88 (4.49)	4.41* (2.25)	4.23** (1.78)	5.02** (1.97)	4.26*** (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 (16.79)	-7.89*** (2.65)	-2.37 (1.53)	-2.14 (1.36)	-0.50 (0.53)
reg2	-3.47 (3.15)	-0.88** (0.44)	-0.58** (0.26)	-0.56** (0.24)	0.10 (0.08)
reg3	6.36* (3.55)	0.70 (1.39)	0.47 (0.89)	-0.26 (0.91)	-0.12 (0.30)
reg4	-0.86 (4.25)	-3.09*** (1.04)	-0.86* (0.52)	-1.13** (0.45)	-0.49** (0.19)
1940.decade	0.00 (.)	0.00 (.)	0.00 (.)	0.00 (.)	0.00 (.)
1950.decade	-24.16*** (5.48)	0.53 (0.60)	0.67* (0.34)	0.33 (0.31)	0.32*** (0.11)
1960.decade	-20.08*** (5.08)	2.05*** (0.62)	1.27*** (0.30)	1.22*** (0.32)	0.25** (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



## 4 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 1: 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 2: 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 3: 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 4: 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 5: 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 6: 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 7: 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 8: 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 9: 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

## 5 County Comparisons: By Region and blackmig3539\_share bins

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

### 5.1 NortheastRegion

Table 10: 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 11: 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 12: 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 13: 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 14: 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 15: 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 16: 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 17: 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

## 5.2 MidwestRegion

Table 18: 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 19: 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 20: 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 21: 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 22: 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 23: 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 24: 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 25: 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

### 5.3 WestRegion

Table 26: West region, decile 2

	Cascade County, MT (Treated)	Marion County, OR (Control)
	Mean	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 27: West region, decile 3

	Yakima County, WA (Treated)	Silver Bow County, MT (Control)
	Mean	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 28: 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 29: 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 30: 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 31: 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 32: 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 33: 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