# Simple Tables for Municipality Proliferation

June 11, 2024

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|                                                    | $\widehat{GM}$ |
| -------------------------------------------------- | -------------- |
| Average precipitation                              | 0.270          |
|                                                    | (0.335)        |
| Average temperature                                | -0.958         |
|                                                    | (0.896)        |
| Coastal CZ                                         | 0.019**        |
|                                                    | (0.009)        |
| Share of LF employed in manufacturing, 1940        | 0.375          |
|                                                    | (0.467)        |
| Meters of Railroad per Square Meter of Area, 1940  | 0.000          |
|                                                    | (0.000)        |
| Above 90th percentile area incorporated            | 0.031          |
|                                                    | (0.030)        |
| Above 95th percentile area incorporated            | 0.041          |
|                                                    | (0.030)        |
| Average Transport Cost out of CZ, 1920             | -0.047*        |
|                                                    | (0.026)        |

|                                          | IV          | Reduced Form |
| ---------------------------------------- | ----------- | ------------ |
| New municipalities per capita, 1900-10   | -0.012***   | -0.029***    |
|                                          | (0.004)     | (0.009)      |
| New municipalities per capita, 1910-20   | -0.005      | -0.011       |
|                                          | (0.004)     | (0.010)      |
| New municipalities per capita, 1920-30   | 0.000       | 0.000        |
|                                          | (0.002)     | (0.004)      |
| New municipalities per capita, 1930-40   | 0.001       | 0.003        |
|                                          | (0.002)     | (0.004)      |
| New municipalities per capita, 1910-40   | -0.003      | -0.008       |
|                                          | (0.007)     | (0.016)      |

|                                          | IV          | Reduced Form |
|------------------------------------------|-------------|--------------|
| New municipalities per capita, 1900-10   | -0.013***   | -0.029***    |
|                                          | (0.005)     | (0.010)      |
| New municipalities per capita, 1910-20   | -0.006      | -0.012       |
|                                          | (0.005)     | (0.011)      |
| New municipalities per capita, 1920-30   | -0.000      | -0.000       |
|                                          | (0.002)     | (0.004)      |
| New municipalities per capita, 1930-40   | 0.001       | 0.002        |
|                                          | (0.002)     | (0.004)      |
| New municipalities per capita, 1910-40   | -0.005      | -0.011       |
|                                          | (0.007)     | (0.017)      |

|            | counterfactual_change | real_change | difference |
|------------|----------------------:|------------:|-----------:|
| cgoodman   | 1.722483              | 7.246154    | -5.523671  |
| gen_muni   | -4.678879             | 5.392308    | -10.07119  |
| gen_town   | -26.91674             | -1.115385   | -25.80136  |
| schdist_ind| -670.9679             | -289.9      | -381.0679  |
| spdist     | 84.71674              | 52.42308    | 32.29367   |

Table 1: Effects of change in Black Migration on Municipal Proliferation

| | C. Goodman | | Census of Governments | | | Census |
| | Municipalities | | School districts | Townships | Special districts | Main City Share |
| | (1) | (2) | (3) | (4) | (5) | (6) |
|---|---|---|---|---|---|---|
| **Panel A: First Stage** | | | | | | |
| $\widehat{GM}$ | 2.338*** | 2.338*** | 2.338*** | 2.338*** | 2.338*** | 2.338*** |
| | (0.290) | (0.290) | (0.290) | (0.290) | (0.290) | (0.290) |
| **Panel B: OLS** | | | | | | |
| GM | 0.004 | 0.007** | 0.457*** | 0.018*** | -0.028*** | -0.939*** |
| | (0.002) | (0.003) | (0.083) | (0.005) | (0.007) | (0.112) |
| **Panel C: Reduced Form** | | | | | | |
| $\widehat{GM}$ | 0.013* | 0.021** | 1.431*** | 0.058*** | -0.057*** | -2.601*** |
| | (0.008) | (0.009) | (0.383) | (0.015) | (0.019) | (0.432) |
| **Panel D: 2SLS** | | | | | | |
| GM | 0.006* | 0.009*** | 0.562*** | 0.025*** | -0.024*** | -1.112*** |
| | (0.003) | (0.003) | (0.124) | (0.006) | (0.007) | (0.120) |
| First Stage F-Stat | 65.10 | 65.10 | 65.10 | 65.10 | 65.10 | 65.10 |
| Dep. Var. Mean | -0.14 | -0.17 | -4.06 | -0.25 | 0.26 | -14.64 |
| 1940 Dep. Var. Mean | 0.63 | 0.68 | 4.57 | 0.81 | 0.42 | 50.41 |
| Observations | 130 | 130 | 118 | 130 | 130 | 130 |

"$p < 0.10$, ** $p < 0.05$, *** $p < 0.01$"

Table 2: Effects of change in Black Migration on Municipal Proliferation, Balanced Controls

| | C. Goodman | | Census of Governments | | | Census |
| | Municipalities | | School districts | Townships | Special districts | Main City Share |
| | (1) | (2) | (3) | (4) | (5) | (6) |
|---|---|---|---|---|---|---|
| **Panel A: First Stage** | | | | | | |
| $\widehat{GM}$ | 2.185*** | 2.185*** | 2.185*** | 2.185*** | 2.185*** | 2.185*** |
| | (0.302) | (0.302) | (0.302) | (0.302) | (0.302) | (0.302) |
| **Panel B: OLS** | | | | | | |
| GM | 0.004* | 0.007** | 0.427*** | 0.015*** | -0.029*** | -0.925*** |
| | (0.002) | (0.003) | (0.089) | (0.004) | (0.007) | (0.105) |
| **Panel C: Reduced Form** | | | | | | |
| $\widehat{GM}$ | 0.014* | 0.022** | 1.341*** | 0.051*** | -0.058*** | -2.458*** |
| | (0.008) | (0.009) | (0.377) | (0.015) | (0.018) | (0.436) |
| **Panel D: 2SLS** | | | | | | |
| GM | 0.006* | 0.010*** | 0.553*** | 0.023*** | -0.026*** | -1.125*** |
| | (0.004) | (0.004) | (0.135) | (0.006) | (0.007) | (0.127) |
| First Stage F-Stat | 52.50 | 52.50 | 52.50 | 52.50 | 52.50 | 52.50 |
| Dep. Var. Mean | -0.14 | -0.17 | -4.06 | -0.25 | 0.26 | -14.64 |
| 1940 Dep. Var. Mean | 0.63 | 0.68 | 4.57 | 0.81 | 0.42 | 50.41 |
| Observations | 130 | 130 | 118 | 130 | 130 | 130 |

"$p < 0.10$, ** $p < 0.05$, *** $p < 0.01$"

Table 3: Effects of change in Black Migration on Municipal Proliferation, Log Differences

| | C. Goodman | | Census of Governments | | | Census |
| | Municipalities | | School districts | Townships | Special districts | Main City Share |
| | (1) | (2) | (3) | (4) | (5) | (6) |
| --- | --- | --- | --- | --- | --- | --- |
| **Panel A: First Stage** | | | | | | |
| $\widehat{GM}$ | 2.338*** | 2.338*** | 2.338*** | 2.338*** | 2.338*** | 2.338*** |
| | (0.290) | (0.290) | (0.290) | (0.290) | (0.290) | (0.290) |
| **Panel B: OLS** | | | | | | |
| GM | 0.003* | 0.005** | 0.036** | -0.001 | -0.030* | -0.026*** |
| | (0.002) | (0.002) | (0.016) | (0.002) | (0.016) | (0.009) |
| **Panel C: Reduced Form** | | | | | | |
| $\widehat{GM}$ | 0.010* | 0.016*** | 0.097* | -0.001 | -0.089** | -0.074*** |
| | (0.005) | (0.006) | (0.055) | (0.007) | (0.039) | (0.023) |
| **Panel D: 2SLS** | | | | | | |
| GM | 0.004* | 0.007*** | 0.038* | -0.000 | -0.039** | -0.033*** |
| | (0.002) | (0.003) | (0.020) | (0.002) | (0.017) | (0.011) |
| First Stage F-Stat | 65.10 | 65.10 | 65.10 | 65.10 | 65.10 | 65.10 |
| Dep. Var. Mean | 0.15 | 0.12 | -1.12 | -0.01 | 0.99 | -0.17 |
| 1940 Dep. Var. Mean | 0.63 | 0.68 | 4.57 | 0.81 | 0.42 | 50.41 |
| Observations | 130 | 130 | 118 | 98 | 114 | 31 |

"$p < 0.10$, ** $p < 0.05$, *** $p < 0.01$"

Table 4: Effects of change in Black Migration on Municipal Proliferation, Log Differences, Balanced Controls

| | C. Goodman | | Census of Governments | | | Census |
| | Municipalities | | School districts | Townships | Special districts | Main City Share |
| | (1) | (2) | (3) | (4) | (5) | (6) |
|---|---|---|---|---|---|---|
| **Panel A: First Stage** | | | | | | |
| $\widehat{GM}$ | 2.185*** | 2.185*** | 2.185*** | 2.185*** | 2.185*** | 2.185*** |
| | (0.302) | (0.302) | (0.302) | (0.302) | (0.302) | (0.302) |
| **Panel B: OLS** | | | | | | |
| GM | 0.004 | 0.005** | 0.019 | -0.002 | -0.025 | -0.038*** |
| | (0.002) | (0.002) | (0.016) | (0.002) | (0.016) | (0.009) |
| **Panel C: Reduced Form** | | | | | | |
| $\widehat{GM}$ | 0.010* | 0.015** | 0.061 | -0.003 | -0.079** | -0.087*** |
| | (0.005) | (0.006) | (0.050) | (0.008) | (0.032) | (0.020) |
| **Panel D: 2SLS** | | | | | | |
| GM | 0.005* | 0.007** | 0.025 | -0.001 | -0.037** | -0.044*** |
| | (0.003) | (0.003) | (0.020) | (0.003) | (0.015) | (0.010) |
| First Stage F-Stat | 52.50 | 52.50 | 52.50 | 52.50 | 52.50 | 52.50 |
| Dep. Var. Mean | 0.15 | 0.12 | -1.12 | -0.01 | 0.99 | -0.17 |
| 1940 Dep. Var. Mean | 0.63 | 0.68 | 4.57 | 0.81 | 0.42 | 50.41 |
| Observations | 130 | 130 | 118 | 98 | 114 | 31 |

"$p < 0.10$, ** $p < 0.05$, *** $p < 0.01$"

Table 5: Effects of change in Black Migration on Municipal Proliferation, Log Baseline

| | C. Goodman | | Census of Governments | | | Census |
| | Municipalities | | School districts | Townships | Special districts | Main City Share |
| | (1) | (2) | (3) | (4) | (5) | (6) |
|---|---|---|---|---|---|---|
| **Panel A: First Stage** | | | | | | |
| $\widehat{GM}$ | 2.244*** | 2.249*** | 2.322*** | 2.765*** | 2.320*** | 2.221*** |
| | (0.291) | (0.296) | (0.399) | (0.542) | (0.272) | (0.310) |
| **Panel B: OLS** | | | | | | |
| GM | -0.005* | -0.003 | -0.009 | -0.012*** | -0.043*** | -0.022*** |
| | (0.003) | (0.003) | (0.012) | (0.004) | (0.014) | (0.003) |
| **Panel C: Reduced Form** | | | | | | |
| $\widehat{GM}$ | -0.004 | 0.002 | -0.041 | -0.022 | -0.095** | -0.053*** |
| | (0.008) | (0.008) | (0.029) | (0.017) | (0.039) | (0.011) |
| **Panel D: 2SLS** | | | | | | |
| GM | -0.002 | 0.001 | -0.018 | -0.008 | -0.041*** | -0.024*** |
| | (0.003) | (0.004) | (0.011) | (0.006) | (0.015) | (0.004) |
| First Stage F-Stat | 59.59 | 57.62 | 33.90 | 26.03 | 72.61 | 51.15 |
| Dep. Var. Mean | 0.15 | 0.12 | -1.12 | -0.01 | 0.99 | -0.17 |
| 1940 Dep. Var. Mean | 0.63 | 0.68 | 4.57 | 0.81 | 0.42 | 50.41 |
| Observations | 130 | 130 | 118 | 98 | 114 | 130 |

"$p < 0.10$, ** $p < 0.05$, *** $p < 0.01$"

Table 6: Effects of change in Black Migration on Municipal Proliferation, Log Baseline, Balanced Controls

| | C. Goodman | | Census of Governments | | | Census |
| | Municipalities | | School districts | Townships | Special districts | Main City Share |
| | (1) | (2) | (3) | (4) | (5) | (6) |
|---|---|---|---|---|---|---|
| **Panel A: First Stage** | | | | | | |
| $\widehat{GM}$ | 2.135*** | 2.139*** | 2.394*** | 2.685*** | 2.173*** | 2.144*** |
| | (0.284) | (0.289) | (0.440) | (0.575) | (0.274) | (0.307) |
| **Panel B: OLS** | | | | | | |
| GM | -0.004 | -0.003 | -0.009 | -0.014*** | -0.037*** | -0.023*** |
| | (0.003) | (0.003) | (0.012) | (0.004) | (0.014) | (0.003) |
| **Panel C: Reduced Form** | | | | | | |
| $\widehat{GM}$ | -0.003 | 0.001 | -0.037 | -0.030* | -0.080** | -0.053*** |
| | (0.008) | (0.008) | (0.031) | (0.018) | (0.035) | (0.011) |
| **Panel D: 2SLS** | | | | | | |
| GM | -0.001 | 0.001 | -0.016 | -0.011** | -0.037*** | -0.025*** |
| | (0.004) | (0.004) | (0.011) | (0.006) | (0.013) | (0.004) |
| First Stage F-Stat | 56.42 | 54.73 | 29.63 | 21.84 | 63.04 | 48.90 |
| Dep. Var. Mean | 0.15 | 0.12 | -1.12 | -0.01 | 0.99 | -0.17 |
| 1940 Dep. Var. Mean | 0.63 | 0.68 | 4.57 | 0.81 | 0.42 | 50.41 |
| Observations | 130 | 130 | 118 | 98 | 114 | 130 |

"$p < 0.10$, ** $p < 0.05$, *** $p < 0.01$"

Table 7: Effects of change in Black Migration on Municipal Proliferation, European Migration Control

| | C. Goodman | | Census of Governments | | | Census |
| | Municipalities | | School districts | Townships | Special districts | Main City Share |
| | (1) | (2) | (3) | (4) | (5) | (6) |
|---|---|---|---|---|---|---|
| **Panel A: First Stage** | | | | | | |
| $\widehat{GM}$ | 1.671*** | 1.671*** | 1.671*** | 1.671*** | 1.671*** | 1.671*** |
| | (0.296) | (0.296) | (0.296) | (0.296) | (0.296) | (0.296) |
| **Panel B: OLS** | | | | | | |
| GM | -0.001 | 0.003 | 0.338*** | 0.007 | -0.030*** | -0.801*** |
| | (0.003) | (0.003) | (0.090) | (0.005) | (0.008) | (0.166) |
| **Panel C: Reduced Form** | | | | | | |
| $\widehat{GM}$ | 0.004 | 0.011 | 0.934** | 0.034** | -0.038* | -1.878*** |
| | (0.008) | (0.009) | (0.425) | (0.014) | (0.020) | (0.414) |
| **Panel D: 2SLS** | | | | | | |
| GM | 0.002 | 0.007 | 0.515** | 0.021** | -0.023** | -1.124*** |
| | (0.005) | (0.005) | (0.218) | (0.008) | (0.011) | (0.162) |
| First Stage F-Stat | 31.84 | 31.84 | 31.84 | 31.84 | 31.84 | 31.84 |
| Dep. Var. Mean | -0.14 | -0.17 | -4.06 | -0.25 | 0.26 | -14.64 |
| 1940 Dep. Var. Mean | 0.63 | 0.68 | 4.57 | 0.81 | 0.42 | 50.41 |
| Observations | 130 | 130 | 118 | 130 | 130 | 130 |

"$p < 0.10$, ** $p < 0.05$, *** $p < 0.01$"

Table 8: Effects of change in Black Migration on Municipal Proliferation, European Migration Control, Balanced Controls

| | C. Goodman | | Census of Governments | | | Census |
| | Municipalities | | School districts | Townships | Special districts | Main City Share |
| | (1) | (2) | (3) | (4) | (5) | (6) |
|---|---|---|---|---|---|---|
| **Panel A: First Stage** | | | | | | |
| $\widehat{GM}$ | 1.668*** | 1.668*** | 1.668*** | 1.668*** | 1.668*** | 1.668*** |
| | (0.306) | (0.306) | (0.306) | (0.306) | (0.306) | (0.306) |
| **Panel B: OLS** | | | | | | |
| GM | -0.000 | 0.003 | 0.333*** | 0.007 | -0.031*** | -0.802*** |
| | (0.003) | (0.003) | (0.090) | (0.005) | (0.009) | (0.160) |
| **Panel C: Reduced Form** | | | | | | |
| $\widehat{GM}$ | 0.005 | 0.013 | 0.990** | 0.033** | -0.046** | -1.878*** |
| | (0.008) | (0.010) | (0.423) | (0.014) | (0.021) | (0.418) |
| **Panel D: 2SLS** | | | | | | |
| GM | 0.003 | 0.008 | 0.530** | 0.020** | -0.028** | -1.126*** |
| | (0.005) | (0.006) | (0.217) | (0.008) | (0.012) | (0.159) |
| First Stage F-Stat | 29.76 | 29.76 | 29.76 | 29.76 | 29.76 | 29.76 |
| Dep. Var. Mean | -0.14 | -0.17 | -4.06 | -0.25 | 0.26 | -14.64 |
| 1940 Dep. Var. Mean | 0.63 | 0.68 | 4.57 | 0.81 | 0.42 | 50.41 |
| Observations | 130 | 130 | 118 | 130 | 130 | 130 |

"$p < 0.10$, ** $p < 0.05$, *** $p < 0.01$"

Table 9: Effects of change in Black Migration on Municipal Proliferation, Percentile Rank

| | C. Goodman | | Census of Governments | | | Census |
| | Municipalities | | School districts | Townships | Special districts | Main City Share |
| | (1) | (2) | (3) | (4) | (5) | (6) |
| **Panel A: First Stage** | | | | | | |
| $\widehat{GM}$ Percentile | 0.714*** | 0.714*** | 0.714*** | 0.714*** | 0.714*** | 0.714*** |
| | (0.084) | (0.084) | (0.084) | (0.084) | (0.084) | (0.084) |
| **Panel B: OLS** | | | | | | |
| GM Percentile | 0.001 | 0.002* | 0.159*** | 0.005*** | -0.012*** | -0.276*** |
| | (0.001) | (0.001) | (0.027) | (0.002) | (0.003) | (0.044) |
| **Panel C: Reduced Form** | | | | | | |
| $\widehat{GM}$ Percentile | 0.001* | 0.002** | 0.162*** | 0.006*** | -0.007** | -0.263*** |
| | (0.001) | (0.001) | (0.031) | (0.002) | (0.003) | (0.041) |
| **Panel D: 2SLS** | | | | | | |
| GM Percentile | 0.002* | 0.003** | 0.244*** | 0.009*** | -0.010*** | -0.369*** |
| | (0.001) | (0.001) | (0.043) | (0.003) | (0.003) | (0.052) |
| First Stage F-Stat | 71.85 | 71.85 | 71.85 | 71.85 | 71.85 | 71.85 |
| Dep. Var. Mean | -0.14 | -0.17 | -4.06 | -0.25 | 0.26 | -14.64 |
| 1940 Dep. Var. Mean | 0.63 | 0.68 | 4.57 | 0.81 | 0.42 | 50.41 |
| Observations | 130 | 130 | 118 | 130 | 130 | 130 |

"$p < 0.10$, ** $p < 0.05$, *** $p < 0.01$"

Table 10: Effects of change in Black Migration on Municipal Proliferation, Percentile Rank, Balanced Controls

| | C. Goodman | | Census of Governments | | | Census |
|---|---|---|---|---|---|---|
| | Municipalities | | School districts | Townships | Special districts | Main City Share |
| | (1) | (2) | (3) | (4) | (5) | (6) |
| **Panel A: First Stage** | | | | | | |
| $\widehat{GM}$ Percentile | 0.656*** | 0.656*** | 0.656*** | 0.656*** | 0.656*** | 0.656*** |
| | (0.108) | (0.108) | (0.108) | (0.108) | (0.108) | (0.108) |
| **Panel B: OLS** | | | | | | |
| GM Percentile | 0.000 | 0.002 | 0.157*** | 0.004** | -0.013*** | -0.279*** |
| | (0.001) | (0.001) | (0.033) | (0.002) | (0.002) | (0.051) |
| **Panel C: Reduced Form** | | | | | | |
| $\widehat{GM}$ Percentile | 0.002** | 0.003*** | 0.162*** | 0.005*** | -0.009*** | -0.267*** |
| | (0.001) | (0.001) | (0.036) | (0.002) | (0.003) | (0.051) |
| **Panel D: 2SLS** | | | | | | |
| GM Percentile | 0.003** | 0.004*** | 0.279*** | 0.008*** | -0.014*** | -0.407*** |
| | (0.001) | (0.002) | (0.057) | (0.003) | (0.003) | (0.069) |
| First Stage F-Stat | 36.66 | 36.66 | 36.66 | 36.66 | 36.66 | 36.66 |
| Dep. Var. Mean | -0.14 | -0.17 | -4.06 | -0.25 | 0.26 | -14.64 |
| 1940 Dep. Var. Mean | 0.63 | 0.68 | 4.57 | 0.81 | 0.42 | 50.41 |
| Observations | 130 | 130 | 118 | 130 | 130 | 130 |

"$p < 0.10$, ** $p < 0.05$, *** $p < 0.01$"

Table 11: Effects of change in Black Migration on Municipal Proliferation, 1950-70

| | C. Goodman | | Census of Governments | | | Census |
| | Municipalities | | School districts | Townships | Special districts | Main City Share |
| | (1) | (2) | (3) | (4) | (5) | (6) |
|---|---|---|---|---|---|---|
| **Panel A: First Stage** | | | | | | |
| $\widehat{GM}$ | 2.338*** | 2.338*** | 2.338*** | 2.338*** | 2.338*** | 2.338*** |
| | (0.290) | (0.290) | (0.290) | (0.290) | (0.290) | (0.290) |
| **Panel B: OLS** | | | | | | |
| GM | 0.003 | 0.004** | 0.285*** | 0.012*** | -0.015** | -0.730*** |
| | (0.002) | (0.002) | (0.051) | (0.003) | (0.007) | (0.096) |
| **Panel C: Reduced Form** | | | | | | |
| $\widehat{GM}$ | 0.008 | 0.011* | 0.909*** | 0.038*** | -0.032** | -2.119*** |
| | (0.005) | (0.006) | (0.192) | (0.010) | (0.014) | (0.356) |
| **Panel D: 2SLS** | | | | | | |
| GM | 0.003 | 0.005** | 0.357*** | 0.016*** | -0.014** | -0.906*** |
| | (0.002) | (0.002) | (0.064) | (0.003) | (0.005) | (0.101) |
| First Stage F-Stat | 65.10 | 65.10 | 65.10 | 65.10 | 65.10 | 65.10 |
| Dep. Var. Mean | -0.09 | -0.10 | -2.13 | -0.16 | 0.19 | -11.49 |
| 1940 Dep. Var. Mean | 0.63 | 0.68 | 4.57 | 0.81 | 0.42 | 50.41 |
| Observations | 130 | 130 | 118 | 130 | 130 | 130 |

”$p < 0.10$, ** $p < 0.05$, *** $p < 0.01$”

Table 12: Effects of change in Black Migration on Municipal Proliferation, 1950-70, Balanced Controls

| | C. Goodman | | Census of Governments | | | Census |
| | Municipalities | | School districts | Townships | Special districts | Main City Share |
| | (1) | (2) | (3) | (4) | (5) | (6) |
|---|---|---|---|---|---|---|
| **Panel A: First Stage** | | | | | | |
| $\widehat{GM}$ | 2.185*** | 2.185*** | 2.185*** | 2.185*** | 2.185*** | 2.185*** |
| | (0.302) | (0.302) | (0.302) | (0.302) | (0.302) | (0.302) |
| **Panel B: OLS** | | | | | | |
| GM | 0.003 | 0.004** | 0.278*** | 0.010*** | -0.017*** | -0.711*** |
| | (0.002) | (0.002) | (0.055) | (0.003) | (0.006) | (0.092) |
| **Panel C: Reduced Form** | | | | | | |
| $\widehat{GM}$ | 0.008 | 0.011* | 0.870*** | 0.033*** | -0.036*** | -1.994*** |
| | (0.006) | (0.006) | (0.190) | (0.009) | (0.012) | (0.355) |
| **Panel D: 2SLS** | | | | | | |
| GM | 0.004 | 0.005** | 0.359*** | 0.015*** | -0.016*** | -0.912*** |
| | (0.002) | (0.002) | (0.073) | (0.003) | (0.005) | (0.108) |
| First Stage F-Stat | 52.50 | 52.50 | 52.50 | 52.50 | 52.50 | 52.50 |
| Dep. Var. Mean | -0.09 | -0.10 | -2.13 | -0.16 | 0.19 | -11.49 |
| 1940 Dep. Var. Mean | 0.63 | 0.68 | 4.57 | 0.81 | 0.42 | 50.41 |
| Observations | 130 | 130 | 118 | 130 | 130 | 130 |

"$p < 0.10$, ** $p < 0.05$, *** $p < 0.01$"

Table 13: Effects of change in White Migration on Municipal Proliferation

| | C. Goodman | | Census of Governments | | | Census |
| | Municipalities | | School districts | Townships | Special districts | Main City Share |
| | (1) | (2) | (3) | (4) | (5) | (6) |
|---|---|---|---|---|---|---|
| **Panel A: First Stage** | | | | | | |
| GM_8_hat_raw_pp | 2.669*** | 2.669*** | 2.669*** | 2.669*** | 2.669*** | 2.669*** |
| | (0.725) | (0.725) | (0.725) | (0.725) | (0.725) | (0.725) |
| **Panel B: OLS** | | | | | | |
| WM_raw_pp | -0.004* | -0.007*** | -0.431*** | -0.017*** | 0.028*** | 0.872*** |
| | (0.002) | (0.002) | (0.078) | (0.004) | (0.007) | (0.112) |
| **Panel C: Reduced Form** | | | | | | |
| GM_8_hat_raw_pp | 0.011 | 0.005 | -2.960 | -0.024 | 0.015 | 2.273** |
| | (0.015) | (0.019) | (3.813) | (0.030) | (0.033) | (0.963) |
| **Panel D: 2SLS** | | | | | | |
| WM_raw_pp | 0.004 | 0.002 | -0.314 | -0.009 | 0.006 | 0.852*** |
| | (0.006) | (0.007) | (0.292) | (0.010) | (0.011) | (0.255) |
| First Stage F-Stat | 13.55 | 13.55 | 13.55 | 13.55 | 13.55 | 13.55 |
| Dep. Var. Mean | -0.14 | -0.17 | -4.06 | -0.25 | 0.26 | -14.64 |
| 1940 Dep. Var. Mean | 0.63 | 0.68 | 4.57 | 0.81 | 0.42 | 50.41 |
| Observations | 130 | 130 | 118 | 130 | 130 | 130 |

"$p < 0.10$, ** $p < 0.05$, *** $p < 0.01$"

Table 14: Effects of change in White Migration on Municipal Proliferation, Balanced Controls

| | C. Goodman | | Census of Governments | | | Census |
| | Municipalities | | School districts | Townships | Special districts | Main City Share |
| | (1) | (2) | (3) | (4) | (5) | (6) |
|---|---|---|---|---|---|---|
| **Panel A: First Stage** | | | | | | |
| $\widehat{WM}$ | 2.639*** | 2.639*** | 2.639*** | 2.639*** | 2.639*** | 2.639*** |
| | (0.641) | (0.641) | (0.641) | (0.641) | (0.641) | (0.641) |
| **Panel B: OLS** | | | | | | |
| WM | -0.004* | -0.007*** | -0.402*** | -0.014*** | 0.029*** | 0.869*** |
| | (0.002) | (0.002) | (0.085) | (0.004) | (0.006) | (0.110) |
| **Panel C: Reduced Form** | | | | | | |
| $\widehat{WM}$ | 0.014 | 0.009 | 0.799 | -0.025 | -0.005 | 2.246** |
| | (0.015) | (0.020) | (3.192) | (0.029) | (0.030) | (0.933) |
| **Panel D: 2SLS** | | | | | | |
| WM | 0.005 | 0.003 | 0.217 | -0.009 | -0.002 | 0.851*** |
| | (0.006) | (0.008) | (1.014) | (0.010) | (0.011) | (0.259) |
| First Stage F-Stat | 16.96 | 16.96 | 16.96 | 16.96 | 16.96 | 16.96 |
| Dep. Var. Mean | -0.14 | -0.17 | -4.06 | -0.25 | 0.26 | -14.64 |
| 1940 Dep. Var. Mean | 0.63 | 0.68 | 4.57 | 0.81 | 0.42 | 50.41 |
| Observations | 130 | 130 | 118 | 130 | 130 | 130 |

"$p < 0.10$, ** $p < 0.05$, *** $p < 0.01$"

Table 15: Effects of change in Black Migration on Municipal Proliferation, long differences

| | C. Goodman | | Census of Governments | | | Census |
|---|---|---|---|---|---|---|
| | Municipalities | | School districts | Townships | Special districts | Main City Share |
| | (1) | (2) | (3) | (4) | (5) | (6) |
| Panel A: First Stage | | | | | | |
| $\widehat{GM}$ | 2.338*** | 2.338*** | 2.338*** | 2.338*** | 2.338*** | 2.338*** |
| | (0.290) | (0.290) | (0.290) | (0.290) | (0.290) | (0.290) |
| Panel B: OLS | | | | | | |
| GM | 0.010*** | 0.014*** | 0.471*** | 0.030*** | -0.040*** | -0.774*** |
| | (0.003) | (0.004) | (0.084) | (0.006) | (0.008) | (0.200) |
| Panel C: Reduced Form | | | | | | |
| $\widehat{GM}$ | 0.027** | 0.036*** | 1.470*** | 0.090*** | -0.075*** | -2.207*** |
| | (0.011) | (0.013) | (0.390) | (0.022) | (0.028) | (0.507) |
| Panel D: 2SLS | | | | | | |
| GM | 0.012*** | 0.016*** | 0.577*** | 0.039*** | -0.032*** | -0.986*** |
| | (0.004) | (0.005) | (0.126) | (0.008) | (0.010) | (0.157) |
| First Stage F-Stat | 65.10 | 65.10 | 65.10 | 65.10 | 65.10 | 65.10 |
| Dep. Var. Mean | -0.20 | -0.24 | -4.19 | -0.33 | 0.38 | -25.87 |
| 1940 Dep. Var. Mean | 0.63 | 0.68 | 4.57 | 0.81 | 0.42 | 50.41 |
| Observations | 130 | 130 | 118 | 130 | 130 | 31 |

"$p < 0.10$, ** $p < 0.05$, *** $p < 0.01$"

Table 16: Effects of change in Black Migration on Municipal Proliferation, long differences, new controls

| | C. Goodman | | Census of Governments | | | Census |
| | Municipalities | | School districts | Townships | Special districts | Main City Share |
| | (1) | (2) | (3) | (4) | (5) | (6) |
|---|---|---|---|---|---|---|
| **Panel A: First Stage** | | | | | | |
| $\widehat{GM}$ | 2.185*** | 2.185*** | 2.185*** | 2.185*** | 2.185*** | 2.185*** |
| | (0.302) | (0.302) | (0.302) | (0.302) | (0.302) | (0.302) |
| **Panel B: OLS** | | | | | | |
| GM | 0.010*** | 0.014*** | 0.440*** | 0.027*** | -0.048*** | -0.742*** |
| | (0.003) | (0.004) | (0.090) | (0.006) | (0.009) | (0.203) |
| **Panel C: Reduced Form** | | | | | | |
| $\widehat{GM}$ | 0.027** | 0.036** | 1.377*** | 0.080*** | -0.089*** | -2.008*** |
| | (0.012) | (0.014) | (0.384) | (0.021) | (0.032) | (0.508) |
| **Panel D: 2SLS** | | | | | | |
| GM | 0.012*** | 0.016*** | 0.568*** | 0.036*** | -0.041*** | -1.016*** |
| | (0.005) | (0.005) | (0.137) | (0.008) | (0.012) | (0.187) |
| First Stage F-Stat | 52.50 | 52.50 | 52.50 | 52.50 | 52.50 | 52.50 |
| Dep. Var. Mean | -0.20 | -0.24 | -4.19 | -0.33 | 0.38 | -25.87 |
| 1940 Dep. Var. Mean | 0.63 | 0.68 | 4.57 | 0.81 | 0.42 | 50.41 |
| Observations | 130 | 130 | 118 | 130 | 130 | 31 |

"$p < 0.10$, ** $p < 0.05$, *** $p < 0.01$"

Table 17: Effects of change in Black Migration on Municipal Proliferation, Quadratic Term

| | C. Goodman | | Census of Governments | | | Census |
| | Municipalities | | School districts | Townships | Special districts | Main City Share |
| | (1) | (2) | (3) | (4) | (5) | (6) |
|---|---|---|---|---|---|---|
| **Panel A: First Stage** | | | | | | |
| $\widehat{GM}$ | 2.338*** | 2.338*** | 2.338*** | 2.338*** | 2.338*** | 2.338*** |
| | (0.290) | (0.290) | (0.290) | (0.290) | (0.290) | (0.290) |
| **Panel B: OLS** | | | | | | |
| GM | 0.008 | 0.013* | 1.116*** | 0.020* | -0.060*** | -1.057*** |
| | (0.006) | (0.007) | (0.258) | (0.011) | (0.017) | (0.237) |
| GM_raw_pp_2 | -0.000 | -0.000 | -0.025*** | -0.000 | 0.001** | 0.004 |
| | (0.000) | (0.000) | (0.008) | (0.000) | (0.000) | (0.006) |
| **Panel C: Reduced Form** | | | | | | |
| $\widehat{GM}$ | 0.039*** | 0.051*** | 3.382*** | 0.110*** | -0.109*** | -4.375*** |
| | (0.011) | (0.013) | (0.496) | (0.024) | (0.037) | (0.609) |
| GM_hat_raw_2 | -0.002*** | -0.002*** | -0.218*** | -0.004*** | 0.004** | 0.132*** |
| | (0.000) | (0.001) | (0.040) | (0.001) | (0.002) | (0.030) |
| **Panel D: 2SLS** | | | | | | |
| GM | 0.020*** | 0.024*** | 2.038*** | 0.043*** | -0.042** | -1.503*** |
| | (0.006) | (0.007) | (0.419) | (0.012) | (0.018) | (0.281) |
| GM_raw_pp_2 | -0.000*** | -0.000** | -0.054*** | -0.001** | 0.001 | 0.012** |
| | (0.000) | (0.000) | (0.014) | (0.000) | (0.000) | (0.006) |
| First Stage F-Stat | 65.10 | 65.10 | 65.10 | 65.10 | 65.10 | 65.10 |
| Dep. Var. Mean | -0.14 | -0.17 | -4.06 | -0.25 | 0.26 | -14.64 |
| 1940 Dep. Var. Mean | 0.63 | 0.68 | 4.57 | 0.81 | 0.42 | 50.41 |
| Observations | 130 | 130 | 118 | 130 | 130 | 130 |

"$p < 0.10$, ** $p < 0.05$, *** $p < 0.01$"

Table 18: Effects of change in Black Migration on Municipal Proliferation, Quadratic Term, Balanced Controls

| | C. Goodman | | Census of Governments | | | Census |
| | Municipalities | | School districts | Townships | Special districts | Main City Share |
| | (1) | (2) | (3) | (4) | (5) | (6) |
|---|---|---|---|---|---|---|
| **Panel A: First Stage** | | | | | | |
| $\widehat{GM}$ | 2.185*** | 2.185*** | 2.185*** | 2.185*** | 2.185*** | 2.185*** |
| | (0.302) | (0.302) | (0.302) | (0.302) | (0.302) | (0.302) |
| **Panel B: OLS** | | | | | | |
| GM | 0.010 | 0.016** | 1.084*** | 0.013 | -0.073*** | -1.029*** |
| | (0.006) | (0.007) | (0.293) | (0.011) | (0.016) | (0.237) |
| GM_raw_pp_2 | -0.000 | -0.000 | -0.024** | 0.000 | 0.002*** | 0.004 |
| | (0.000) | (0.000) | (0.009) | (0.000) | (0.000) | (0.006) |
| **Panel C: Reduced Form** | | | | | | |
| $\widehat{GM}$ | 0.047*** | 0.059*** | 3.306*** | 0.100*** | -0.127*** | -4.316*** |
| | (0.012) | (0.012) | (0.588) | (0.024) | (0.033) | (0.649) |
| GM_hat_raw_2 | -0.002*** | -0.003*** | -0.210*** | -0.003*** | 0.005*** | 0.129*** |
| | (0.000) | (0.001) | (0.047) | (0.001) | (0.001) | (0.032) |
| **Panel D: 2SLS** | | | | | | |
| GM | 0.027*** | 0.030*** | 2.405*** | 0.042*** | -0.058*** | -1.631*** |
| | (0.006) | (0.007) | (0.468) | (0.013) | (0.016) | (0.337) |
| GM_raw_pp_2 | -0.001*** | -0.001*** | -0.065*** | -0.001** | 0.001*** | 0.015** |
| | (0.000) | (0.000) | (0.015) | (0.000) | (0.000) | (0.007) |
| First Stage F-Stat | 52.50 | 52.50 | 52.50 | 52.50 | 52.50 | 52.50 |
| Dep. Var. Mean | -0.14 | -0.17 | -4.06 | -0.25 | 0.26 | -14.64 |
| 1940 Dep. Var. Mean | 0.63 | 0.68 | 4.57 | 0.81 | 0.42 | 50.41 |
| Observations | 130 | 130 | 118 | 130 | 130 | 130 |

"$p < 0.10$, ** $p < 0.05$, *** $p < 0.01$"

Table 19: Effects of change in Black Migration on Municipal Proliferation, Above Med Enclosed Interaction

| | C. Goodman | | Census of Governments | | | Census |
|---|---|---|---|---|---|---|
| | Municipalities | | School districts | Townships | Special districts | Main City Share |
| | (1) | (2) | (3) | (4) | (5) | (6) |
| **Panel A: First Stage** | | | | | | |
| $\widehat{GM}$ | 1.699** | 1.699** | 1.699** | 1.699** | 1.699** | 1.699** |
| | (0.696) | (0.696) | (0.696) | (0.696) | (0.696) | (0.696) |
| **Panel B: OLS** | | | | | | |
| GM | -0.020** | -0.016* | 0.724** | -0.030** | -0.068** | -0.997*** |
| | (0.009) | (0.009) | (0.326) | (0.014) | (0.028) | (0.137) |
| GM_X_above_med_enclosed | 0.023** | 0.022** | -0.442 | 0.043*** | 0.041 | 0.219 |
| | (0.009) | (0.009) | (0.335) | (0.015) | (0.030) | (0.188) |
| **Panel C: Reduced Form** | | | | | | |
| $\widehat{GM}$ | 0.001 | -0.001 | 3.022*** | 0.065 | -0.041 | -2.660*** |
| | (0.040) | (0.044) | (1.084) | (0.063) | (0.080) | (0.731) |
| GM_hat_X_above_med_enclosed | 0.014 | 0.027 | -2.211* | -0.012 | -0.022 | 0.290 |
| | (0.041) | (0.045) | (1.136) | (0.065) | (0.084) | (0.879) |
| **Panel D: 2SLS** | | | | | | |
| GM | 0.000 | -0.000 | 2.816** | 0.038 | -0.024 | -1.566*** |
| | (0.023) | (0.025) | (1.400) | (0.044) | (0.039) | (0.495) |
| GM_X_above_med_enclosed | 0.006 | 0.012 | -2.489* | -0.016 | -0.002 | 0.582 |
| | (0.023) | (0.025) | (1.404) | (0.045) | (0.041) | (0.518) |
| First Stage F-Stat | 5.95 | 5.95 | 5.95 | 5.95 | 5.95 | 5.95 |
| Dep. Var. Mean | -0.14 | -0.17 | -4.06 | -0.25 | 0.26 | -14.64 |
| 1940 Dep. Var. Mean | 0.63 | 0.68 | 4.57 | 0.81 | 0.42 | 50.41 |
| Observations | 130 | 130 | 118 | 130 | 130 | 130 |

"$p < 0.10$, ** $p < 0.05$, *** $p < 0.01$"

Table 20: Effects of change in Black Migration on Municipal Proliferation, Above Med Enclosed Interaction, Balanced Controls

| | C. Goodman | | Census of Governments | | | Census |
| | Municipalities | | School districts | Townships | Special districts | Main City Share |
| | (1) | (2) | (3) | (4) | (5) | (6) |
|---|---|---|---|---|---|---|
| **Panel A: First Stage** | | | | | | |
| $\widehat{GM}$ | 1.772** | 1.772** | 1.772** | 1.772** | 1.772** | 1.772** |
| | (0.703) | (0.703) | (0.703) | (0.703) | (0.703) | (0.703) |
| **Panel B: OLS** | | | | | | |
| GM | -0.020** | -0.015 | 0.814** | -0.029* | -0.068** | -0.992*** |
| | (0.009) | (0.010) | (0.318) | (0.015) | (0.029) | (0.141) |
| GM_X_above_med_enclosed | 0.023** | 0.022** | -0.554* | 0.039** | 0.039 | 0.252 |
| | (0.010) | (0.010) | (0.329) | (0.016) | (0.031) | (0.191) |
| **Panel C: Reduced Form** | | | | | | |
| $\widehat{GM}$ | 0.023 | 0.025 | 2.892** | 0.057 | -0.100 | -3.009*** |
| | (0.046) | (0.049) | (1.126) | (0.077) | (0.089) | (0.882) |
| GM_hat_X_above_med_enclosed | -0.006 | 0.003 | -2.127* | -0.012 | 0.031 | 0.821 |
| | (0.046) | (0.050) | (1.175) | (0.079) | (0.093) | (1.012) |
| **Panel D: 2SLS** | | | | | | |
| GM | 0.013 | 0.014 | 2.318** | 0.032 | -0.057 | -1.698*** |
| | (0.027) | (0.029) | (1.060) | (0.047) | (0.038) | (0.454) |
| GM_X_above_med_enclosed | -0.005 | -0.001 | -1.997* | -0.012 | 0.026 | 0.720 |
| | (0.027) | (0.029) | (1.066) | (0.048) | (0.039) | (0.483) |
| First Stage F-Stat | 6.36 | 6.36 | 6.36 | 6.36 | 6.36 | 6.36 |
| Dep. Var. Mean | -0.14 | -0.17 | -4.06 | -0.25 | 0.26 | -14.64 |
| 1940 Dep. Var. Mean | 0.63 | 0.68 | 4.57 | 0.81 | 0.42 | 50.41 |
| Observations | 130 | 130 | 118 | 130 | 130 | 130 |

$"p < 0.10,$ ** $p < 0.05,$ *** $p < 0.01"$