

# Milestone 6

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## Introduction

This is my pdf document. Please refer to the Github repository of my final project for further information.<sup>1</sup>. You can also access all of the original replication materials made available by Trounstein on Harvard Dataverse here. I make use of Trounstein (2016), Pencharz and Ball (2003), Xie (2020), Wickham (2019), and Xie (2015).

## Summary of Trounstein (2016)

Trounstein's *Segregation and Inequality in Public Goods* attempts to explain differences in public goods provision and political polarization through a racial lens by examining the relationships between polarization, goods provision, and segregation. Trounstein measures segregation with Theil's H index, which measures the degree to which the diversity of a neighborhood differs from the diversity of the entire city. The main finding of the paper is that segregation, not simply diversity or political views, is an important determinant of both political polarization and spending on public goods. In general, segregation leads to the coincidence of racial and spatial political cleavages, which can make compromise on taxation and public spending difficult and tends to generally drive down the rate of spending on public goods. Because minorities are much more likely to live in racially segregated areas than whites, this suggests that public goods are also segregated across racial lines.

## Replication

Table 1 was able to be replicated exactly. The replication for Table 2 was close, but not exact, as were the replications for Table 3 and 4, which combined replicated Table 3 in the main paper. However, the implications of the main results are essentially the same for all of these regressions. The IV regression was able to be replicated exactly and the results presented in Tables 5 and 6 reconstruct the results from Table 5 in the original paper. So far, I have not been able to successfully recreate the marginal effects; however, I am working to figure out what the problem is. I believe that with a little bit more time I will be able to successfully recreate all of the results given my success in Table 1 and Tables 5 and 6.

As for the paper's Appendix Tables, I was able to successfully recreate Tables A1 and A2. I have not yet been able to successfully recreate Table A3 in Stata because I am having difficulty in figuring out why I have fewer observations and also how they calculated some of their statistics, as it seems that they filter for some conditions only for some rows, which I have yet to figure out how to do in R. I did not attempt to recreate Table A4 due to time constraints and also because it seemed extraneous.

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<sup>1</sup>All sources, analysis, and further information are available on my Github repository for this project

## Extension Ideas

There are a variety of ways that I could build upon this analysis. Because I have not narrowed it down to one yet, I will use this as an opportunity to propose a few ideas.

How well does this theory apply to more recent elections, and can we use new data to test it? For example, I could try to hunt down some more recent election data and use some sort of prediction function to see how well the model predicts the actual results. However, this could be quite difficult if the data is too messy or difficult to obtain (or even non-existent).

Another idea could be to redo the results but using the dissimilarity index, the most common measure of segregation, which Trounstine, perhaps controversially, chooses not to use in her analysis in favor of Theil's entropy score. It could be interesting to see whether her results hold up against this sort of robustness check.

Another interesting thing to do would be to find a city that has recently become less segregated and see if political polarization has decreased and public goods provision has increased.

Finally, another approach to put to practice some more of the skills we've learned in this class would be to try and adopt a Bayesian framework to some of Trounstine's analyses.

## Main Analysis

### Table 1

### Margins from Table 1 Calculations

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### Table 2

### Predicted Effects Following Table 2

### Table 3

### Figure 1

### Main Analysis 4

### Main Analysis 5

### Table 5

### Appendix

TABLE A2 Cities Included in Racial Polarization Data

| City Name         | Replication                 |           |  |              |              |
|-------------------|-----------------------------|-----------|--|--------------|--------------|
|                   | Segregation: Mean $H$ Index |           | Largest Racial Divide, Number of Elections |              |              |
|                   | Multigroup                  | Two-Group | Black/White                                | Latino/White | Black/Latino |
| Austin, TX        | 0.204                       | 0.208     | 1  | 0            | 0            |
| Baltimore, MD     | 0.510                       | 0.516     | 3  | 1            | 0            |
| Charlotte, NC     | 0.269                       | 0.287     | 2  | 0            | 0            |
| Chicago, IL       | 0.572                       | 0.460     | 7  | 0            | 1            |
| Cleveland, OH     | 0.558                       | 0.531     | 2  | 0            | 0            |
| Columbus, OH      | 0.316                       | 0.284     | 3  | 0            | 1            |
| Dallas, TX        | 0.359                       | 0.339     | 4  | 0            | 1            |
| Denver, CO        | 0.289                       | 0.254     | 1  | 2            | 0            |
| Detroit, MI       | 0.398                       | 0.255     | 1  | 0            | 1            |
| Houston, TX       | 0.339                       | 0.308     | 7  | 0            | 2            |
| Indianapolis, IN  | 0.292                       | 0.293     | 0  | 0            | 1            |
| Jacksonville, FL  | 0.233                       | 0.222     | 2  | 0            | 0            |
| Los Angeles, CA   | 0.351                       | 0.366     | 3  | 0            | 5            |
| Memphis, TN       | 0.470                       | 0.474     | 2  | 0            | 0            |
| Milwaukee, WI     | 0.423                       | 0.360     | 3  | 0            | 0            |
| New York, NY      | 0.468                       | 0.474     | 5  | 3            | 1            |
| Oklahoma, OK      | 0.231                       | 0.165     | 1  | 0            | 0            |
| Philadelphia, PA  | 0.492                       | 0.487     | 5  | 0            | 0            |
| Phoenix, AZ       | 0.255                       | 0.270     | 0  | 1            | 0            |
| San Antonio, TX   | 0.237                       | 0.225     | 0  | 4            | 0            |
| San Diego, CA     | 0.255                       | 0.266     | 3  | 0            | 1            |
| San Francisco, CA | 0.223                       | 0.161     | 3  | 0            | 1            |
| San Jose, CA      | 0.186                       | 0.198     | 0  | 2            | 1            |
| Tucson, AZ        | 0.185                       | 0.192     | 1  | 0            | 0            |
| Washington, DC    | 0.464                       | 0.491     | 3  | 0            | 0            |

## Bibliography

Pencharz, Paul B., and Ronald O. Ball. 2003. “Different Approaches to Define Individual Amino Acid Requirements.” *Annual Review of Nutrition* 23. Annual Reviews: 101–16.

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Xie, Yihui. 2015. *Dynamic Documents with R and Knitr*. 2nd ed. Boca Raton, Florida: Chapman; Hall/CRC. <https://yihui.org/knitr/>.

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Table 1: **Racial Polarization in Segregated Cities**

|                      | <i>Dependent variable:</i> |                       |                       |
|----------------------|----------------------------|-----------------------|-----------------------|
|                      | biggestsplit               |                       |                       |
|                      | (1)                        | (2)                   | (3)                   |
| H_citytract_multi_i  | 0.932**<br>(0.394)         |                       |                       |
| H_citytract_NHW_i    |                            | 0.756**<br>(0.297)    | 0.835***<br>(0.296)   |
| diversityinterp      | 0.385<br>(0.362)           | 0.518<br>(0.323)      | 0.584*<br>(0.323)     |
| pctasianpopinterp    | -0.115<br>(0.527)          | 0.120<br>(0.558)      | -0.004<br>(0.522)     |
| pctblkpopinterp      | -0.432<br>(0.269)          | -0.237<br>(0.216)     | -0.133<br>(0.212)     |
| pctlatinpopinterp    | -0.191<br>(0.257)          | -0.059<br>(0.254)     | 0.095<br>(0.278)      |
| medincinterp         | -0.00000<br>(0.00001)      | -0.00001<br>(0.00001) | -0.00000<br>(0.00001) |
| pctrentersinterp     | -0.580<br>(0.422)          | -0.806*<br>(0.431)    | -0.419<br>(0.454)     |
| pctcollegegradinterp | 0.328<br>(0.711)           | 0.723<br>(0.729)      | 0.123<br>(0.869)      |
| biracial             | 0.210***<br>(0.037)        | 0.208***<br>(0.037)   | 0.192***<br>(0.036)   |
| nonpartisan          | -0.090<br>(0.066)          | -0.089<br>(0.066)     | -0.034<br>(0.065)     |
| primary              | -0.092***<br>(0.032)       | -0.090***<br>(0.032)  | -0.071**<br>(0.030)   |
| logpop               | 0.035<br>(0.055)           | 0.048<br>(0.055)      | -0.011<br>(0.061)     |
| whiteideology_fill2  |                            |                       | -0.051<br>(0.032)     |
| Constant             | -0.242<br>(0.569)          | -0.393<br>(0.563)     | 0.236<br>(0.605)      |
| Observations         | 91                         | 91                    | 86                    |
| Log Likelihood       | 62.774                     | 63.190                | 67.461                |
| Akaike Inf. Crit.    | -55.548                    | -56.381               | -64.922               |
| Bayesian Inf. Crit.  | 32.332                     | 31.499                | 20.981                |

Note:

\*p&lt;0.1; \*\*p&lt;0.05; \*\*\*p&lt;0.01

Table 2: **Effect of Segregation on Overall per Capita City Expenditures**

|                         | <i>Dependent variable:</i> |                      |                      |
|-------------------------|----------------------------|----------------------|----------------------|
|                         | dgepercap_cpi              |                      |                      |
|                         | (1)                        | (2)                  | (3)                  |
| H_citytract_NHW_i       | −1.158***<br>(0.221)       | −1.021***<br>(0.254) | −1.805***<br>(0.501) |
| diversityinterp         | 0.106<br>(0.134)           |                      |                      |
| pctblkpopinterp         | 0.667***<br>(0.167)        | 0.736***<br>(0.161)  | −0.027<br>(0.555)    |
| pctasianpopinterp       | −0.385<br>(0.302)          | −0.853**<br>(0.348)  | −0.562<br>(0.810)    |
| pctlatinpopinterp       | 1.525***<br>(0.186)        | 1.561***<br>(0.204)  | 1.378***<br>(0.407)  |
| chng5pctblk             |                            | −1.791***<br>(0.646) | −3.444***<br>(1.105) |
| chng5pctlatino          |                            | −2.060**<br>(0.824)  | −1.427<br>(1.106)    |
| chng5pctasian           |                            | −0.846<br>(1.094)    | −3.585<br>(2.513)    |
| medinc_cpi              | 0.00000*<br>(0.00000)      | 0.00000<br>(0.00000) | 0.00000<br>(0.00000) |
| pctllocalgovworker_100  | 0.013<br>(0.016)           | 0.005<br>(0.018)     | −0.029<br>(0.066)    |
| pctrentersinterp        | 0.539<br>(0.333)           | 0.565<br>(0.386)     | 0.224<br>(0.810)     |
| pctover65               | 0.069<br>(0.646)           | 0.494<br>(0.452)     | −0.708<br>(0.948)    |
| pctcollegegradinterp    | 5.379***<br>(0.403)        | 6.232***<br>(0.419)  | 7.288***<br>(1.244)  |
| logpop                  | −0.232***<br>(0.044)       | −0.279***<br>(0.068) | −0.504***<br>(0.112) |
| ideology_fill           |                            |                      | −0.008<br>(0.030)    |
| Observations            | 13,684                     | 11,149               | 1,759                |
| R <sup>2</sup>          | 0.864                      | 0.897                | 0.902                |
| Adjusted R <sup>2</sup> | 0.831                      | 0.865                | 0.874                |
| Residual Std. Error     | 0.502 (df = 11050)         | 0.464 (df = 8513)    | 0.390 (df = 1370)    |

*Note:*

\*p&lt;0.1; \*\*p&lt;0.05; \*\*\*p&lt;0.01

Table 3: Effect of Segregation on Public Goods A

|                                  | <i>Dependent variable:</i> |                      |                       |
|----------------------------------|----------------------------|----------------------|-----------------------|
|                                  | highwayspercapNC_cpi       | policepercapNC_cpi   | parkspcapNC_cpi       |
|                                  | (1)                        | (2)                  | (3)                   |
| H_citytract_NHW_i                | −0.041***<br>(0.016)       | −0.215***<br>(0.023) | −0.047***<br>(0.017)  |
| diversityinterp                  | 0.003<br>(0.010)           | 0.060***<br>(0.013)  | −0.002<br>(0.012)     |
| pctblkpopinterp                  | 0.052***<br>(0.013)        | 0.138***<br>(0.018)  | 0.034**<br>(0.016)    |
| pctasianpopinterp                | −0.036<br>(0.026)          | −0.054<br>(0.035)    | −0.061***<br>(0.023)  |
| pctlatinpopinterp                | 0.025*<br>(0.014)          | 0.330***<br>(0.019)  | 0.049***<br>(0.014)   |
| medinc_cpi                       | 0.00000**<br>(0.00000)     | 0.000<br>(0.00000)   | −0.00000<br>(0.00000) |
| pctlocalgovworker_100            | −0.0004<br>(0.001)         | −0.001<br>(0.002)    | 0.001<br>(0.001)      |
| pctrentersinterp                 | 0.007<br>(0.022)           | 0.082***<br>(0.028)  | 0.030<br>(0.020)      |
| pctover65                        | 0.148***<br>(0.031)        | 0.140***<br>(0.045)  | 0.110***<br>(0.039)   |
| pctcollegegradinterp             | 0.209***<br>(0.026)        | 0.769***<br>(0.039)  | 0.421***<br>(0.036)   |
| logpop                           | −0.014***<br>(0.004)       | −0.049***<br>(0.004) | −0.003<br>(0.003)     |
| Observations                     | 13,684                     | 13,684               | 13,684                |
| R <sup>2</sup>                   | 0.570                      | 0.835                | 0.749                 |
| Adjusted R <sup>2</sup>          | 0.468                      | 0.796                | 0.689                 |
| Residual Std. Error (df = 11050) | 0.039                      | 0.043                | 0.034                 |

Note:

\*p&lt;0.1; \*\*p&lt;0.05; \*\*\*p&lt;0.01

Table 4: **Effect of Segregation on Public Goods B**

|                                  | <i>Dependent variable:</i> |                       |                         |
|----------------------------------|----------------------------|-----------------------|-------------------------|
|                                  | sewerspercapNC_cpi         | welfhoushealthNC_cpi  | genrevownpercap_cpi     |
|                                  | (1)                        | (2)                   | (3)                     |
| H_citytract_NHW_i                | −0.159***<br>(0.022)       | −0.130***<br>(0.041)  | −0.777***<br>(0.155)    |
| diversityinterp                  | 0.062***<br>(0.012)        | −0.023<br>(0.020)     | 0.094<br>(0.085)        |
| pctblkpopinterp                  | 0.001<br>(0.017)           | 0.004<br>(0.037)      | 0.261**<br>(0.120)      |
| pctasianpopinterp                | −0.113***<br>(0.034)       | 0.143*<br>(0.076)     | −0.143<br>(0.233)       |
| pctlatinpopinterp                | 0.064***<br>(0.016)        | 0.137***<br>(0.024)   | 1.187***<br>(0.120)     |
| medinc_cpi                       | 0.00000***<br>(0.00000)    | −0.00000<br>(0.00000) | 0.00000***<br>(0.00000) |
| pctlocalgovworker_100            | −0.004**<br>(0.002)        | −0.007***<br>(0.002)  | 0.001<br>(0.013)        |
| pctrentersinterp                 | 0.141***<br>(0.034)        | 0.082***<br>(0.032)   | 0.567**<br>(0.263)      |
| pctover65                        | −0.003<br>(0.043)          | −0.061<br>(0.052)     | 0.449<br>(0.474)        |
| pctcollegegradinterp             | 0.232***<br>(0.037)        | 0.306***<br>(0.063)   | 4.306***<br>(0.350)     |
| logpop                           | −0.010***<br>(0.003)       | −0.010**<br>(0.004)   | −0.118***<br>(0.032)    |
| Observations                     | 13,684                     | 13,684                | 13,684                  |
| R <sup>2</sup>                   | 0.669                      | 0.821                 | 0.886                   |
| Adjusted R <sup>2</sup>          | 0.590                      | 0.779                 | 0.859                   |
| Residual Std. Error (df = 11050) | 0.050                      | 0.056                 | 0.420                   |

*Note:*

\*p&lt;0.1; \*\*p&lt;0.05; \*\*\*p&lt;0.01

Table 5: Effect of Segregation on Public Goods

|                                  | <i>Dependent variable:</i>   |                            |                          |                            |                             |
|----------------------------------|------------------------------|----------------------------|--------------------------|----------------------------|-----------------------------|
|                                  | highwayspercapiNC_cpi<br>(1) | policepercapiNC_cpi<br>(2) | parkpercapiNC_cpi<br>(3) | sewerspercapiNC_cpi<br>(4) | welfhoushealthNC_cpi<br>(5) |
| H_citytract_NHW_i                | -0.041***<br>(0.016)         | -0.215***<br>(0.023)       | -0.047***<br>(0.017)     | -0.159***<br>(0.022)       | -0.130***<br>(0.041)        |
| diversityinterp                  | 0.003<br>(0.010)             | 0.060***<br>(0.013)        | -0.002<br>(0.012)        | 0.062***<br>(0.012)        | -0.023<br>(0.020)           |
| pctblkpopinterp                  | 0.052***<br>(0.013)          | 0.138***<br>(0.018)        | 0.034**<br>(0.016)       | 0.001<br>(0.017)           | 0.004<br>(0.037)            |
| pctasianpopinterp                | -0.036<br>(0.026)            | -0.054<br>(0.035)          | -0.061***<br>(0.023)     | -0.113***<br>(0.034)       | 0.143*<br>(0.076)           |
| pctlatinpopinterp                | 0.025*<br>(0.014)            | 0.330***<br>(0.019)        | 0.049***<br>(0.014)      | 0.064***<br>(0.016)        | 0.137***<br>(0.024)         |
| medinc_cpi                       | 0.00000**<br>(0.00000)       | 0.000<br>(0.00000)         | -0.00000<br>(0.00000)    | 0.00000***<br>(0.00000)    | -0.00000<br>(0.00000)       |
| pctlocalgovworker_100            | -0.0004<br>(0.001)           | -0.001<br>(0.002)          | 0.001<br>(0.001)         | -0.004**<br>(0.002)        | -0.007***<br>(0.002)        |
| pctrentersinterp                 | 0.007<br>(0.022)             | 0.082***<br>(0.028)        | 0.030<br>(0.020)         | 0.141***<br>(0.034)        | 0.082***<br>(0.032)         |
| pctover65                        | 0.148***<br>(0.031)          | 0.140***<br>(0.045)        | 0.110***<br>(0.039)      | -0.003<br>(0.043)          | -0.061<br>(0.052)           |
| pctcollegegradinterp             | 0.209***<br>(0.026)          | 0.769***<br>(0.039)        | 0.421***<br>(0.036)      | 0.232***<br>(0.037)        | 0.306***<br>(0.063)         |
| logpop                           | -0.014***<br>(0.004)         | -0.049***<br>(0.004)       | -0.003<br>(0.003)        | -0.010***<br>(0.003)       | -0.010**<br>(0.004)         |
| Observations                     | 13,684                       | 13,684                     | 13,684                   | 13,684                     | 13,684                      |
| R <sup>2</sup>                   | 0.570                        | 0.835                      | 0.749                    | 0.669                      | 0.821                       |
| Adjusted R <sup>2</sup>          | 0.468                        | 0.796                      | 0.689                    | 0.590                      | 0.779                       |
| Residual Std. Error (df = 11050) | 0.039                        | 0.043                      | 0.034                    | 0.050                      | 0.056                       |

Note:

\*p<0.1;



Table 6: Effect of Segregation on City Expenditures, IV Approach A

|                         | <i>Dependent variable:</i> |                      |                      |                       |
|-------------------------|----------------------------|----------------------|----------------------|-----------------------|
|                         | dgepercap_cpi              | highwayspercapNC_cpi | policepercapNC_cpi   | parkspcapNC_cpi       |
|                         | (1)                        | (2)                  | (3)                  | (4)                   |
| H_citytract_NHW_i       | −2.676***<br>(0.935)       | −0.363***<br>(0.056) | −0.350***<br>(0.109) | −0.034*<br>(0.019)    |
| dgepercap_cpilag        | 1.472***<br>(0.007)        |                      |                      |                       |
| highwayspercapNC_cpilag |                            | 0.477***<br>(0.003)  |                      |                       |
| policepercapNC_cpilag   |                            |                      | 0.955***<br>(0.004)  |                       |
| parkspcapNC_cpilag      |                            |                      |                      | 0.869***<br>(0.006)   |
| diversityinterp         | 0.264<br>(0.355)           | −0.032<br>(0.022)    | −0.020<br>(0.042)    | 0.004<br>(0.007)      |
| pctblkpopinterp         | 0.376<br>(0.325)           | 0.085***<br>(0.020)  | 0.096**<br>(0.038)   | 0.003<br>(0.007)      |
| pctasianpopinterp       | 0.143<br>(0.940)           | −0.111**<br>(0.056)  | −0.064<br>(0.110)    | −0.022<br>(0.019)     |
| pctlatinpopinterp       | 0.087<br>(0.284)           | 0.088***<br>(0.017)  | 0.088***<br>(0.033)  | 0.007<br>(0.006)      |
| medincinterp            | −0.004<br>(0.003)          | 0.001***<br>(0.0002) | 0.001***<br>(0.0004) | 0.0002***<br>(0.0001) |
| pctlocalgovworker_100   | −0.104***<br>(0.032)       | 0.021***<br>(0.002)  | 0.026***<br>(0.004)  | 0.003***<br>(0.001)   |
| pctrentersinterp        | −0.553<br>(0.350)          | 0.165***<br>(0.021)  | 0.187***<br>(0.041)  | 0.035***<br>(0.007)   |
| pctover65               | 0.301<br>(0.730)           | 0.267***<br>(0.044)  | 0.238***<br>(0.086)  | 0.072***<br>(0.015)   |
| pctcollegegradinterp    | 0.248<br>(0.567)           | −0.044<br>(0.034)    | −0.101<br>(0.067)    | 0.028**<br>(0.012)    |
| Constant                | 0.328<br>(0.278)           | −0.125***<br>(0.017) | −0.183***<br>(0.033) | −0.029***<br>(0.006)  |
| Observations            | 21,145                     | 20,704               | 20,627               | 19,056                |
| R <sup>2</sup>          | 0.685                      | 0.615                | 0.789                | 0.540                 |
| Adjusted R <sup>2</sup> | 0.685                      | 0.615                | 0.789                | 0.539                 |
| Residual Std. Error     | 4.877 (df = 21125)         | 0.290 (df = 20684)   | 0.566 (df = 20607)   | 0.093 (df = 19036)    |

Note:

\*p&lt;0.1; \*\*p&lt;0.05; \*\*\*p&lt;0.01

Table 7: **Effect of Segregation on City Expenditures, IV Approach B**

|                         | <i>Dependent variable:</i> |                     |                      |
|-------------------------|----------------------------|---------------------|----------------------|
|                         | sewerspercapNC_cpi         | genreownpercap_cpi  | welfhoushealthNC_cpi |
|                         | (1)                        | (2)                 | (3)                  |
| H_citytract_NHW_i       | −0.363***<br>(0.060)       | −1.873**<br>(0.789) | −0.115**<br>(0.054)  |
| sewerspercapNC_cpilag   | 0.064***<br>(0.008)        |                     |                      |
| genreownpercap_cpilag   |                            | 1.235***<br>(0.006) |                      |
| welfhoushealthNC_cpilag |                            |                     | 0.893***<br>(0.005)  |
| diversityinterp         | 0.080***<br>(0.024)        | 0.047<br>(0.300)    | −0.047**<br>(0.022)  |
| pctblkpopinterp         | 0.058**<br>(0.025)         | 0.360<br>(0.274)    | 0.076***<br>(0.023)  |
| pctasianpopinterp       | −0.223***<br>(0.068)       | −0.029<br>(0.793)   | 0.009<br>(0.053)     |
| pctlatinpopinterp       | −0.050***<br>(0.019)       | 0.206<br>(0.240)    | 0.078***<br>(0.017)  |
| medincinterp            | 0.0002<br>(0.0003)         | 0.0003<br>(0.003)   | 0.001**<br>(0.0002)  |
| pctlocalgovworker_100   | 0.001<br>(0.002)           | −0.003<br>(0.027)   | 0.016***<br>(0.002)  |
| pctrentersinterp        | 0.073***<br>(0.024)        | 0.263<br>(0.295)    | 0.098***<br>(0.023)  |
| pctover65               | 0.287***<br>(0.051)        | 0.782<br>(0.616)    | 0.127**<br>(0.050)   |
| pctcollegegradinterp    | 0.029<br>(0.040)           | −0.035<br>(0.478)   | −0.038<br>(0.038)    |
| Constant                | 0.004<br>(0.019)           | −0.174<br>(0.234)   | −0.093***<br>(0.018) |
| Observations            | 16,616                     | 21,148              | 14,711               |
| R <sup>2</sup>          | 0.006                      | 0.681               | 0.699                |
| Adjusted R <sup>2</sup> | 0.005                      | 0.681               | 0.698                |
| Residual Std. Error     | 0.284 (df = 16596)         | 4.115 (df = 21128)  | 0.252 (df = 14691)   |

*Note:*

\*p&lt;0.1; \*\*p&lt;0.05; \*\*\*p&lt;0.01

Table 8: **TABLE A1 Summary Statistics: Racial Polarization Data**

| Statistic             | N  | Mean       | St. Dev.   | Min        | Max        |
|-----------------------|----|------------|------------|------------|------------|
| Largest Racial Divide | 91 | 0.481      | 0.213      | 0.016      | 0.934      |
| $H$ Index: Multigroup | 91 | 0.376      | 0.119      | 0.183      | 0.635      |
| $H$ Index: Two-Group  | 91 | 0.353      | 0.114      | 0.156      | 0.614      |
| Diversity             | 91 | 0.623      | 0.088      | 0.323      | 0.736      |
| % Asian               | 91 | 0.067      | 0.074      | 0.008      | 0.318      |
| % Black               | 91 | 0.275      | 0.181      | 0.030      | 0.815      |
| % Latino              | 91 | 0.229      | 0.155      | 0.009      | 0.605      |
| Median HH Income      | 91 | 36,724.530 | 10,113.880 | 17,267.500 | 75,981.730 |
| % Renters             | 91 | 0.535      | 0.092      | 0.368      | 0.718      |
| % College Degree      | 91 | 0.167      | 0.056      | 0.049      | 0.359      |
| Biracial Contest      | 91 | 0.725      | 0.449      | 0          | 1          |
| Nonpartisan Election  | 91 | 0.714      | 0.454      | 0          | 1          |
| Primary Election      | 91 | 0.352      | 0.480      | 0          | 1          |
| Population (logged)   | 91 | 14.166     | 0.826      | 13.065     | 15.921     |
| White Ideology        | 86 | 3.835      | 0.648      | 2.667      | 5.250      |

**TABLE A3 Summary Statistics: Census of Government Finance and Population**

| Statistic             | N      | Mean       | St. Dev.   | Min        | Max         |
|-----------------------|--------|------------|------------|------------|-------------|
| dgepercap_cpi         | 24,630 | 1.077      | 1.277      | 0.0004     | 96.668      |
| H_citytract_NHW_i     | 19,609 | 0.079      | 0.110      | 0.000      | 0.885       |
| diversityinterp       | 13,757 | 0.309      | 0.188      | 0.007      | 0.772       |
| pctblkpopinterp       | 13,757 | 0.098      | 0.151      | 0.000      | 0.980       |
| pctasianpopinterp     | 13,757 | 0.032      | 0.054      | 0.000      | 0.674       |
| pctlatinpopinterp     | 13,757 | 0.103      | 0.160      | 0.000      | 0.987       |
| medinc_cpi            | 13,757 | 54,407.450 | 22,067.850 | 15,642.800 | 240,938.000 |
| pctlocalgovworker_100 | 13,757 | 3.361      | 0.950      | 0.677      | 8.365       |
| pctrentersinterp      | 13,757 | 0.361      | 0.140      | 0.014      | 0.871       |
| pctover65             | 13,757 | 0.125      | 0.050      | 0.012      | 0.771       |
| pctcollegegradinterp  | 13,757 | 0.160      | 0.099      | 0.003      | 0.587       |
| logpop                | 24,630 | 9.937      | 1.107      | 4.745      | 15.921      |