**Data:**

Our main variable of interest in estimating the Gini index was the percent of the workforce belonging to a union in any specific state. We also attempted to control for other variables, including: the percent of the workforce under a collective bargaining agreement, population, GDP, minimum wage, personal income, size of the civilian labor force, the percent of the population with a bachelor’s degree or higher, unemployment, and homeownership rate. We collected our data from the United States Census Bureau American Community Survey (ACS), from a Union Membership and Coverage Database utilizing the Current Population Survey (CPS), and from the Federal Reserve Economic Database (FRED). All the data collected ranges from the years 2006 through 2016. A description of our variables, as well as summary statistics can be found below.

|  |  |
| --- | --- |
| **Variable** | **Description** |
| percent\_union\_members | % of workforce belonging to a union |
| percent\_collective | % of workforce belonging to a union |
| gini\_index | Gini Index measured from 0 - 1 |
| population | Population in thousands. Not seasonally adjusted |
| gdp\_in\_millions | Real GDP in millions of dollars |
| state\_min\_wage\_rate | State minimum wage rate in dollars per hour |
| per\_capital\_personal\_income | Per capita personal income. Measured in dollars |
| yearly\_avg\_clf | Yearly average civilian labor force |
| perc\_w\_bach\_deg\_or\_higher | Percent of population with a bachelor's degree or higher |
| yearly\_avg\_unemply\_rate | Yearly average unemployment rate in percent |
| homeownership\_rate | Homeownership rate in percent |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable** | **# Observations** | **Mean** | **Standard Deviation** | **Minimum** | **Maximum** |
| percent\_union\_members | 550 | 10.728 | 5.387492903 | 1.6 | 25.2 |
| percent\_collective | 550 | 12.05527273 | 5.385831055 | 2.6 | 27.2 |
| gini\_index | 550 | 0.456355818 | 0.020278936 | 0.402 | 0.5138 |
| population | 550 | 6214.379733 | 6877.38364 | 522.667 | 39296.476 |
| gdp\_in\_millions | 550 | 319495.1329 | 391382.0226 | 26801.5 | 2500645.2 |
| state\_min\_wage\_rate | 550 | 7.096509091 | 1.085639913 | 2.65 | 10 |
| per\_capital\_personal\_income | 550 | 42281.82909 | 7525.351781 | 27907 | 69547 |
| yearly\_avg\_clf | 550 | 3087521.748 | 3363924.251 | 281246.8333 | 19093657.42 |
| perc\_w\_bach\_deg\_or\_higher | 550 | 28.12818182 | 4.974062631 | 16.5 | 42.7 |
| yearly\_avg\_unemply\_rate | 550 | 6.267227273 | 2.176720477 | 2.566666667 | 13.65833333 |
| homeownership\_rate | 550 | 68.37527273 | 5.100163166 | 51.5 | 79 |