

The title

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The authors made the following contributions. First Author: Conceptualization, Writing - Original Draft Preparation, Writing - Review & Editing; Ernst-August Doelle: Writing - Review & Editing.

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Abstract

One or two sentences providing a **basic introduction** to the field, comprehensible to a scientist in any discipline.

Two to three sentences of **more detailed background**, comprehensible to scientists in related disciplines.

One sentence clearly stating the **general problem** being addressed by this particular study.

One sentence summarizing the main result (with the words “**here we show**” or their equivalent).

Two or three sentences explaining what the **main result** reveals in direct comparison to what was thought to be the case previously, or how the main result adds to previous knowledge.

One or two sentences to put the results into a more **general context**.

Two or three sentences to provide a **broader perspective**, readily comprehensible to a scientist in any discipline.

Keywords: keywords

Word count: X

The title

Methods

We report how we determined our sample size, all data exclusions (if any), all manipulations, and all measures in the study.

Participants

Material

Procedure

Data analysis

We used R (Version 4.0.3; R Core Team, 2020) and the R-packages *arsenal* (Version 3.5.0; Heinzen, Sinnwell, Atkinson, Gunderson, & Dougherty, 2020), *dplyr* (Version 1.0.2; Wickham et al., 2020), *forcats* (Version 0.5.0; Wickham, 2020a), *ggplot2* (Version 3.3.2; Wickham, 2016), *papaja* (Version 0.1.0.9997; Aust & Barth, 2020), *patchwork* (Version 1.0.1; Pedersen, 2020), *purrr* (Version 0.3.4; Henry & Wickham, 2020), *readr* (Version 1.3.1; Wickham, Hester, & Francois, 2018), *readxl* (Version 1.3.1; Wickham & Bryan, 2019), *stringr* (Version 1.4.0; Wickham, 2019), *tibble* (Version 3.0.3; Müller & Wickham, 2020), *tidyr* (Version 1.1.2; Wickham, 2020b), and *tidyverse* (Version 1.3.0; Wickham, Averick, et al., 2019) for all our analyses.

48 **Results**

49 **Data Description**

50 **Data transformation**

51 **Modeling**

52 **Association.**

53 **Adjusting Confounders.**

54 **Discussion**

55 **Gini is not a main predictor of Hate crime**

56 **Why income eliminated**

57 **(Collinear)**

58 **Limitation**

59 **Sample size.**

References

- Aust, F., & Barth, M. (2020). *papaja: Create APA manuscripts with R Markdown*. Retrieved from <https://github.com/crsh/papaja>
- Heinzen, E., Sinnwell, J., Atkinson, E., Gunderson, T., & Dougherty, G. (2020). *Arsenal: An arsenal of 'r' functions for large-scale statistical summaries*. Retrieved from <https://CRAN.R-project.org/package=arsenal>
- Henry, L., & Wickham, H. (2020). *Purrr: Functional programming tools*. Retrieved from <https://CRAN.R-project.org/package=purrr>
- Müller, K., & Wickham, H. (2020). *Tibble: Simple data frames*. Retrieved from <https://CRAN.R-project.org/package=tibble>
- Pedersen, T. L. (2020). *Patchwork: The composer of plots*. Retrieved from <https://CRAN.R-project.org/package=patchwork>
- R Core Team. (2020). *R: A language and environment for statistical computing*. Vienna, Austria: R Foundation for Statistical Computing. Retrieved from <https://www.R-project.org/>
- Wickham, H. (2016). *Ggplot2: Elegant graphics for data analysis*. Springer-Verlag New York. Retrieved from <https://ggplot2.tidyverse.org>
- Wickham, H. (2019). *Stringr: Simple, consistent wrappers for common string operations*. Retrieved from <https://CRAN.R-project.org/package=stringr>
- Wickham, H. (2020a). *Forcats: Tools for working with categorical variables (factors)*. Retrieved from <https://CRAN.R-project.org/package=forcats>
- Wickham, H. (2020b). *Tidyr: Tidy messy data*. Retrieved from <https://CRAN.R-project.org/package=tidyr>
- Wickham, H., Averick, M., Bryan, J., Chang, W., McGowan, L. D., François, R., . . .

84 Yutani, H. (2019). Welcome to the tidyverse. *Journal of Open Source Software*,
85 4(43), 1686. <https://doi.org/10.21105/joss.01686>

86 Wickham, H., & Bryan, J. (2019). *Readxl: Read excel files*. Retrieved from
87 <https://CRAN.R-project.org/package=readxl>

88 Wickham, H., François, R., Henry, L., & Müller, K. (2020). *Dplyr: A grammar of data*
89 *manipulation*. Retrieved from <https://CRAN.R-project.org/package=dplyr>

90 Wickham, H., Hester, J., & François, R. (2018). *Readr: Read rectangular text data*.
91 Retrieved from <https://CRAN.R-project.org/package=readr>

92 Appendix

Table 1
caption

	Overall (N=44)
unemployment	
- high	22 (50.0%)
- low	22 (50.0%)
urbanization	
- low	21 (47.7%)
- high	23 (52.3%)
median_income	
- Mean (SD)	55004.545 (8860.066)
- Median (Q1, Q3)	54613.000 (47844.750, 60542.250)
- Min - Max	39552.000 - 76165.000
education	
- Mean (SD)	0.867 (0.033)
- Median (Q1, Q3)	0.871 (0.839, 0.894)
- Min - Max	0.799 - 0.915
perc_non_citizen	
- Mean (SD)	0.054 (0.030)
- Median (Q1, Q3)	0.045 (0.030, 0.080)
- Min - Max	0.010 - 0.130
gini_index	
- Mean (SD)	0.454 (0.018)
- Median (Q1, Q3)	0.455 (0.441, 0.466)
- Min - Max	0.419 - 0.499
perc_non_white	

- Mean (SD)	0.310 (0.142)
- Median (Q1, Q3)	0.290 (0.208, 0.420)
- Min - Max	0.060 - 0.620
hate_crimes	
- Mean (SD)	0.275 (0.171)
- Median (Q1, Q3)	0.226 (0.143, 0.339)
- Min - Max	0.069 - 0.833

Table 2
Association table

term	model_1	model_2	model_3
gini_index	-0.999 (-11.478 , 9.481)	10.811 (-2.146 , 23.767)	-0.279 (-19.392 , 18.833)
education	NA	9.509 (2.619 , 16.4)	8.427 (1.426 , 15.428)
unemploymentlow	NA	NA	-8.235 (-18.176 , 1.706)
gini_index:unemploymentlow	NA	NA	18.526 (-3.248 , 40.3)

Note. some note

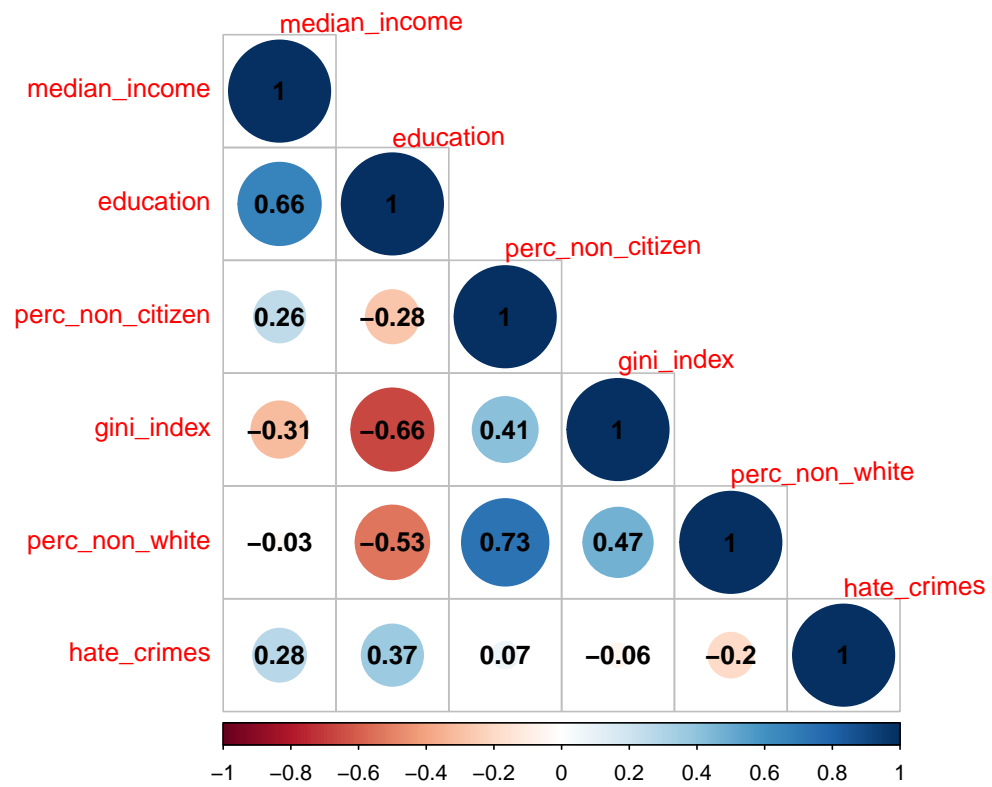


Figure 1. Correlation Plot

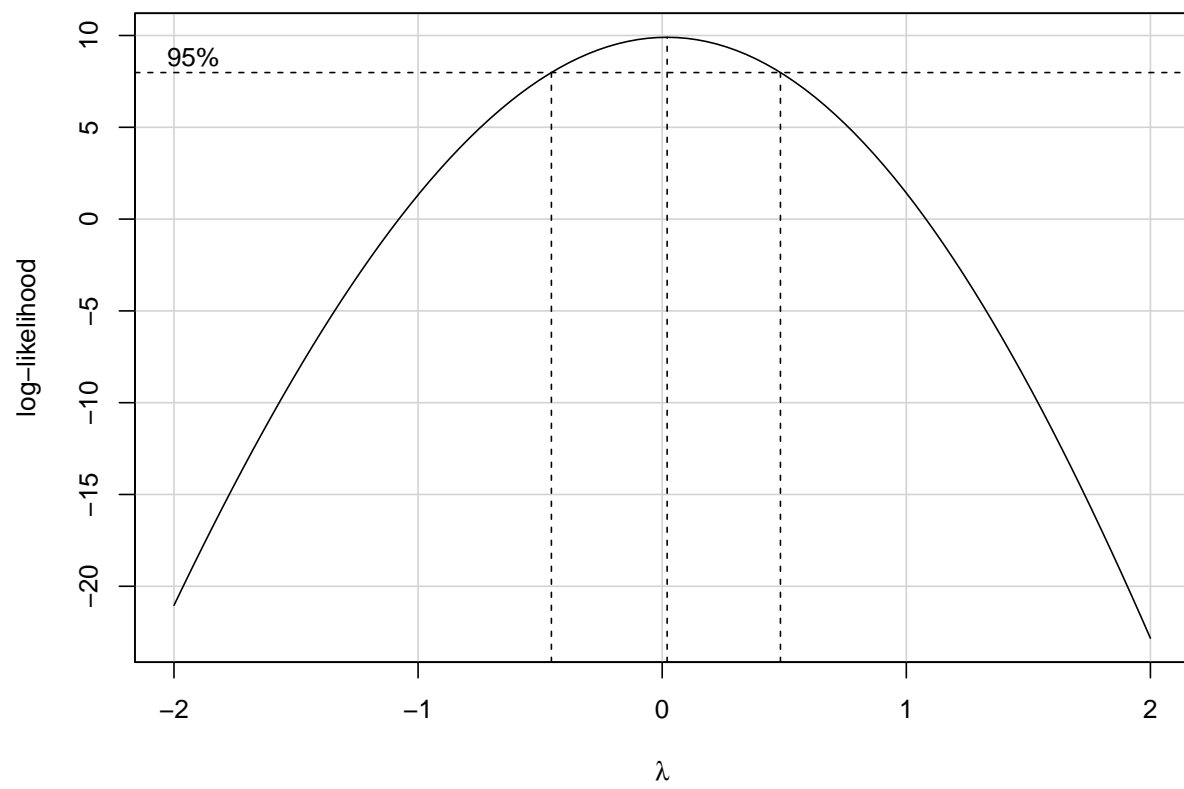


Figure 2. Box-Cox transformation