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Introfuction

Data

Data Source

Data Collection

Data Analysis

Analysis for this project uses the R statistical programming language (R Core Team 2022), and more specifically, the `tidyverse` package for data manipulation (Wickham et al. 2019).Because the data is managed using R Projects, `here` is used to reference file locations (Müller 2020).

Table 1: Mean crime rate by neighborhood size in 2021

Neighborhood Size	Small	Medium	Large	Giant
Crime Type				
Assault	641.53	499.48	605.14	624.84
Auto Theft	136.01	224.89	193.93	221.93
Break & Enter	223.34	163.58	181.38	182.99
Robbery	119.00	49.31	70.33	77.86
Theft	31.37	30.84	30.44	38.71

*Code and data are available at github.com/MissyZhang/Crime_Data_by_Neighbourhood.

Homicide	27.69	11.80	6.50	6.04
Shooting	31.09	20.30	16.43	14.46
Motor Theft	238.48	247.92	265.29	269.17

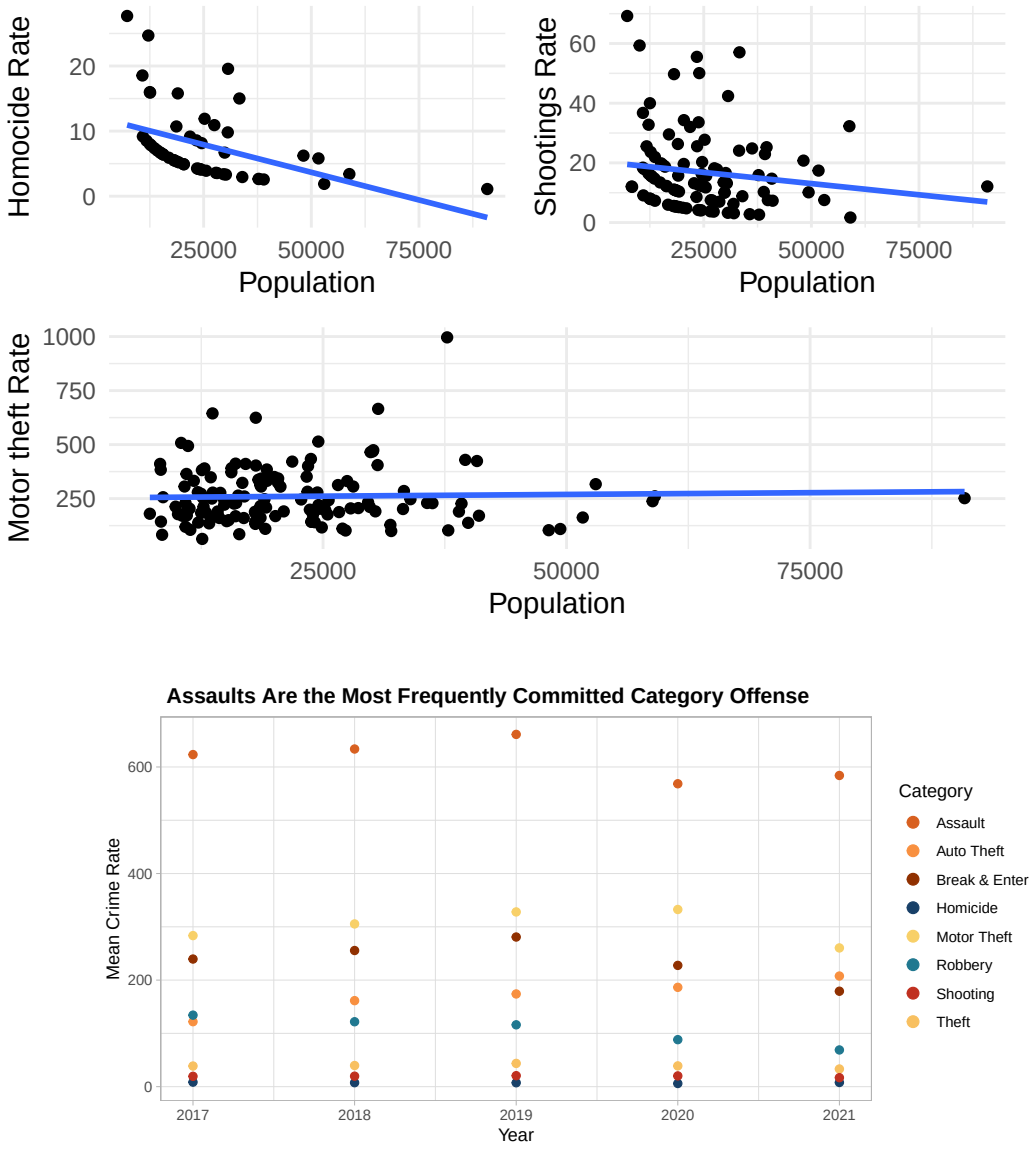

Figure 1: Crime rate in Toronto by category and year

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Müller, Kirill. 2020. *Here: A Simpler Way to Find Your Files*. https://CRAN.R-project.org/package=here.

R Core Team. 2022. *R: A Language and Environment for Statistical Computing*. Vienna, Austria: R Foundation for Statistical Computing. https://www.R-project.org/.

Wickham, Hadley, Mara Averick, Jennifer Bryan, Winston Chang, Lucy D'Agostino McGowan, Romain François, Garrett Grolemund, et al. 2019. "Welcome to the tidyverse." *Journal of Open Source Software* 4 (43): 1686. https://doi.org/10.21105/joss.01686.