My title*

My subtitle if needed

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First sentence. Second sentence. Third sentence. Fourth sentence.

Introduction

The introduction should be two or three paragraphs of content. And there should be an additional final paragraph that sets out the remainder of the paper.

Data

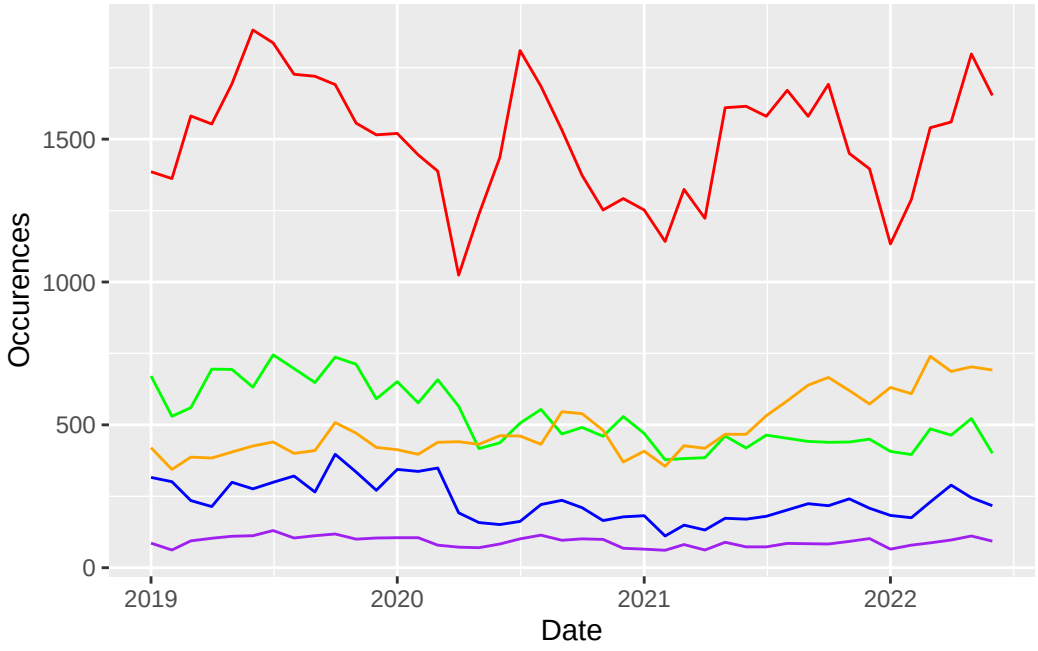
The data section should thoroughly and precisely discuss the source of the data and the bias this brings (ethical, statistical, and otherwise). Comprehensively describe and summarize the data using text, graphs, and tables. Graphs must be made with ggplot2 (Wickham 2016) and tables must be made with knitr (Xie 2022) or gt (Iannone et al. 2022). Graphs must show the actual data, or as close to it as possible, not summary statistics. Graphs and tables should be cross-referenced in the text e.g. 'Table 1 shows…').

```
#### Explore ####
setwd("/cloud/project/inputs/data") ##ask for help!! xxx
toronto_mci <- read_csv("cleaned_data.csv", show_col_types = FALSE)

unique(toronto_mci$mci_category)
```

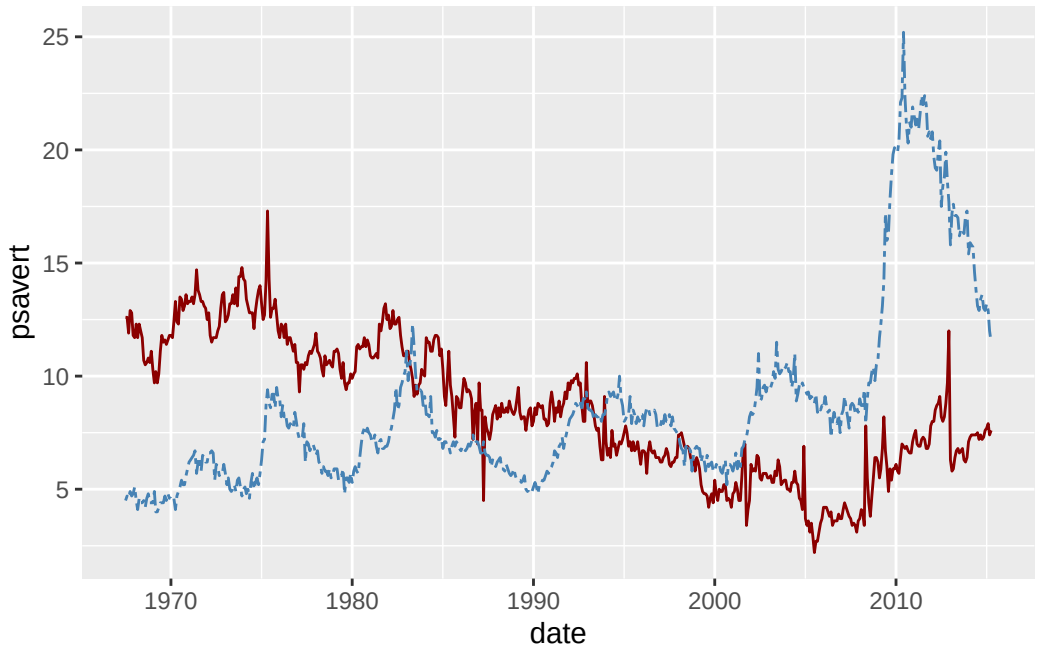
```
[1] "Robbery"         "Assault"         "Break and Enter" "Auto Theft"
[5] "Theft Over"
```

*Code and data are available at: LINK.

```r
toronto_mci2 <-
  toronto_mci %>%
    group_by(Date = lubridate::floor_date(occurrencedate, "month")) %>%
    summarize("Assaults" = sum(mci_category == "Assault"),
              "Robbery" = sum(mci_category == "Robbery"),
              "B_and_E" = sum(mci_category == "Break and Enter"),
              "Auto_Theft" = sum(mci_category == "Auto Theft"),
              "Theft_Over" = sum(mci_category == "Theft Over"))

toronto_mci2 %>%
  ggplot(aes(x = Date)) +
  geom_line(aes(y = Assaults), color = "red") +
  geom_line(aes(y = Robbery), color = "blue") +
  geom_line(aes(y = B_and_E), color = "green") +
  geom_line(aes(y = Auto_Theft), color = "orange") +
  geom_line(aes(y = Theft_Over), color = "purple") +
  labs(y = "Occurences")
```




```r
ggplot(economics, aes(x=date)) +
  geom_line(aes(y = psavert), color = "darkred") +
  geom_line(aes(y = uempmed), color="steelblue", linetype="twodash")
```




```
#toronto_mci <-
 # toronto_mci %>%
  #  group_by(year = lubridate::floor_date(occurrencedate, "year")) %>%
   # summarize("Assaults" = sum(mci_category == "Assault"))

toronto_mci2
```

```
# A tibble: 42 x 6
   Date       Assaults Robbery B_and_E Auto_Theft Theft_Over
   <date>        <int>   <int>   <int>      <int>      <int>
 1 2019-01-01     1386     316     671        420         86
 2 2019-02-01     1362     301     530        344         62
 3 2019-03-01     1581     235     560        387         94
 4 2019-04-01     1553     214     695        384        103
 5 2019-05-01     1694     299     694        405        110
 6 2019-06-01     1882     276     632        426        112
 7 2019-07-01     1837     299     745        440        130
 8 2019-08-01     1727     321     697        400        104
 9 2019-09-01     1720     265     648        410        112
10 2019-10-01     1691     397     737        508        118
# ... with 32 more rows
```

References

R Core Team. 2020. *R: A Language and Environment for Statistical Computing*. Vienna, Austria: R Foundation for Statistical Computing. https://www.R-project.org/.