

My title*

My subtitle if needed

First author Another author

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

Table of contents

1	Introduction	2
2	Data	2
3	Results	2
4	Discussion	8
4.1	First discussion point	8
4.2	Second discussion point	8
4.3	Third discussion point	8
4.4	Weaknesses and next steps	8
Appendix		9
A	References	10

*Code and data are available at: [LINK](#).

1 Introduction

2 Data

3 Results

```
map_data <- readRDS("../data/cleaned_map_data.rds")
map_data_csv <- read_csv("../data/cleaned_map_data.csv") %>%
  filter(!is.na(num_automobile_thefts))

global_min <- min(map_data_csv$num_automobile_thefts)
global_max <- max(map_data_csv$num_automobile_thefts)

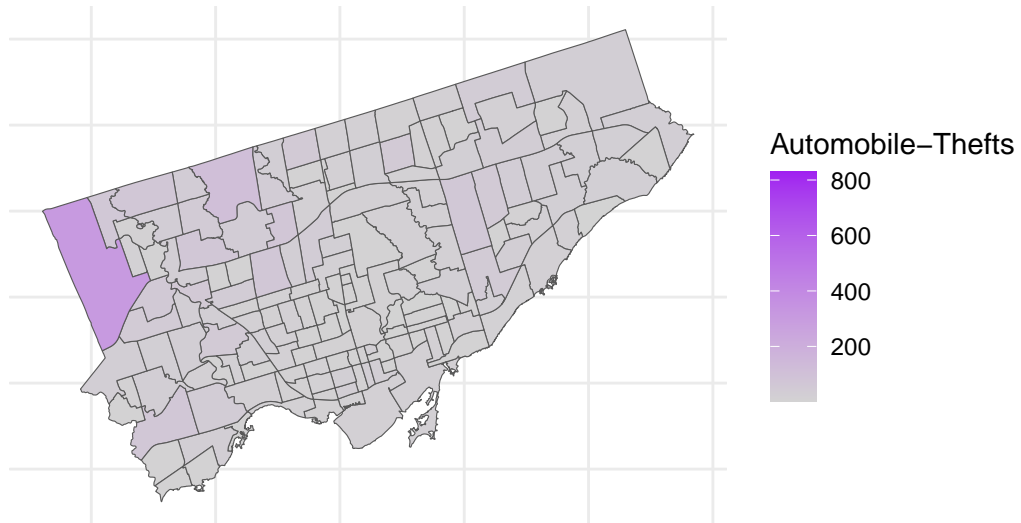
create_plot <- function(attribute, year) {
  ggplot() +
    geom_sf(data = map_data, aes_string(fill = attribute)) +
    scale_fill_gradient(low = "lightgrey", high = "purple",
                        limits = c(global_min, global_max),
                        name = "Automobile-Thefts") +
    labs(title = year) +
    theme_minimal() +
    theme(
      axis.title.x = element_blank(),
      axis.text.x = element_blank(),
      axis.ticks.x = element_blank(),
      axis.title.y = element_blank(),
      axis.text.y = element_blank(),
      axis.ticks.y = element_blank()
    )
}

plot1 <- create_plot("AUTOTHE25", "2014")
plot2 <- create_plot("AUTOTHE26", "2015")
plot3 <- create_plot("AUTOTHE27", "2016")
plot4 <- create_plot("AUTOTHE28", "2017")
plot5 <- create_plot("AUTOTHE29", "2018")
plot6 <- create_plot("AUTOTHE30", "2019")
plot7 <- create_plot("AUTOTHE31", "2020")
plot8 <- create_plot("AUTOTHE32", "2021")
plot9 <- create_plot("AUTOTHE33", "2022")
```

```
plot10 <- create_plot("AUTOTHE34", "2023")
```

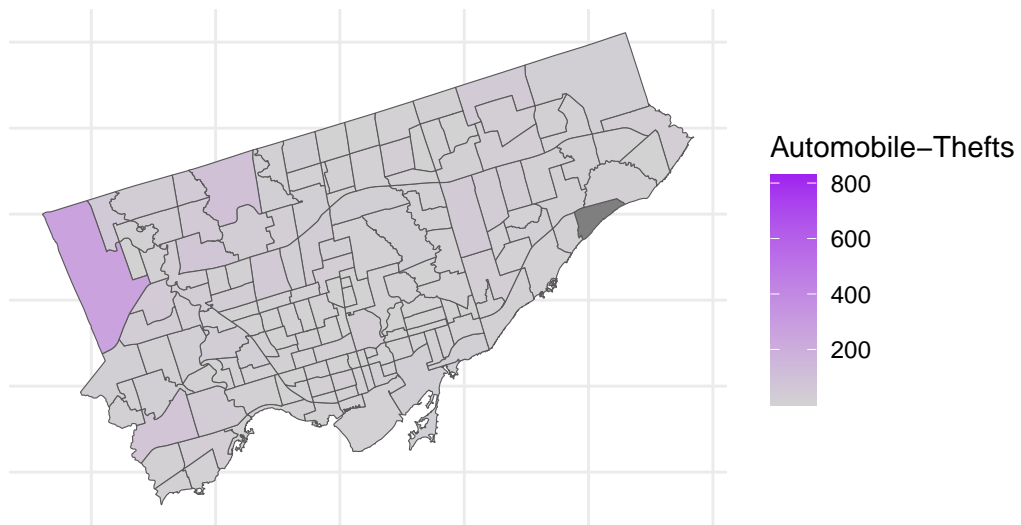
```
plot1
```

2014



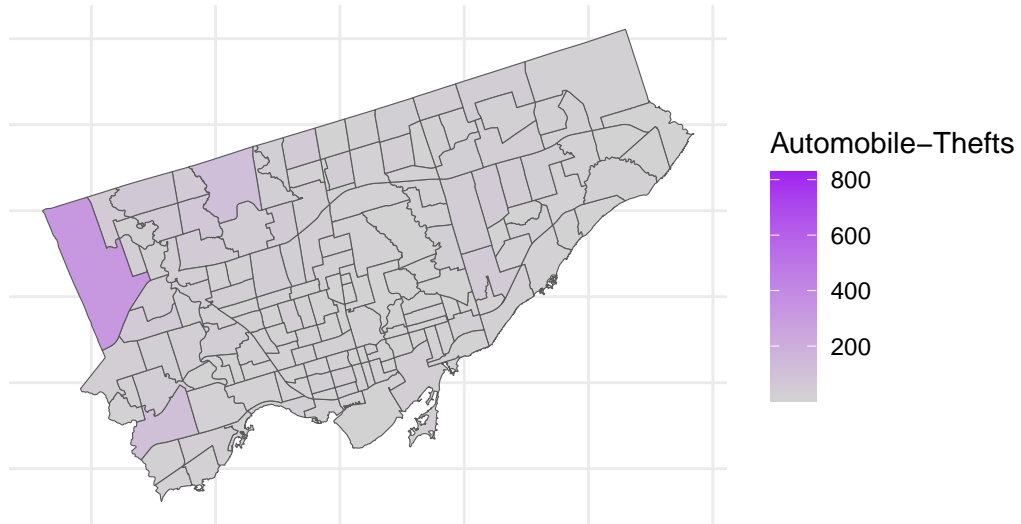
```
plot2
```

2015



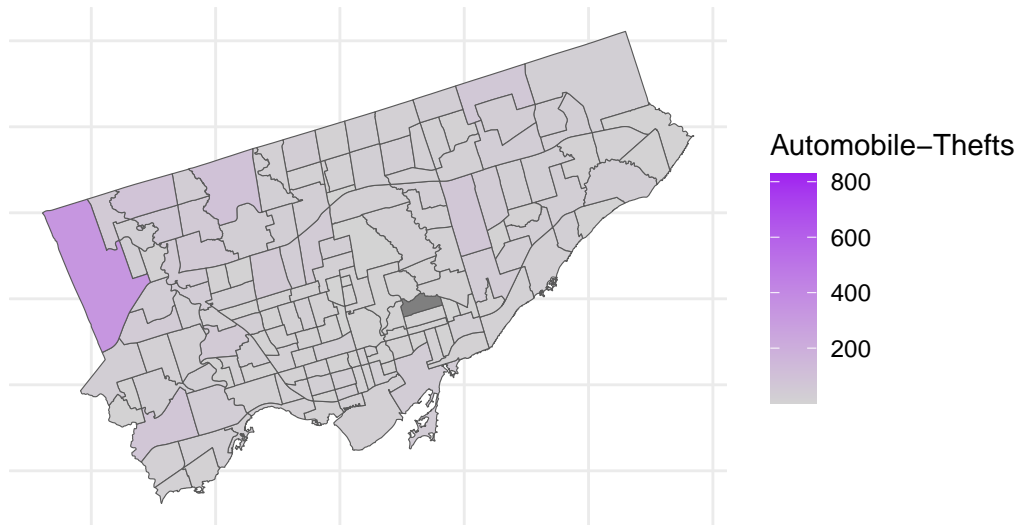
plot3

2016



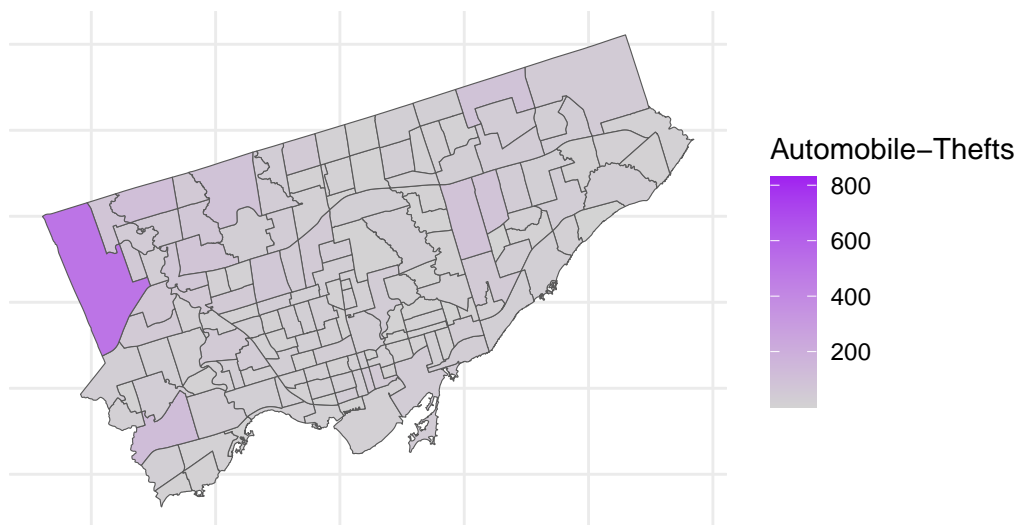
plot4

2017



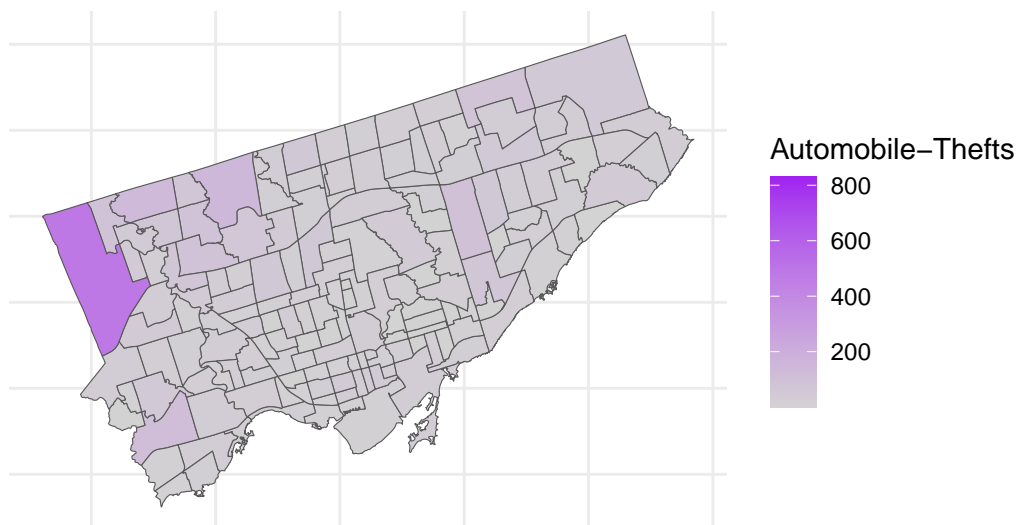
plot5

2018



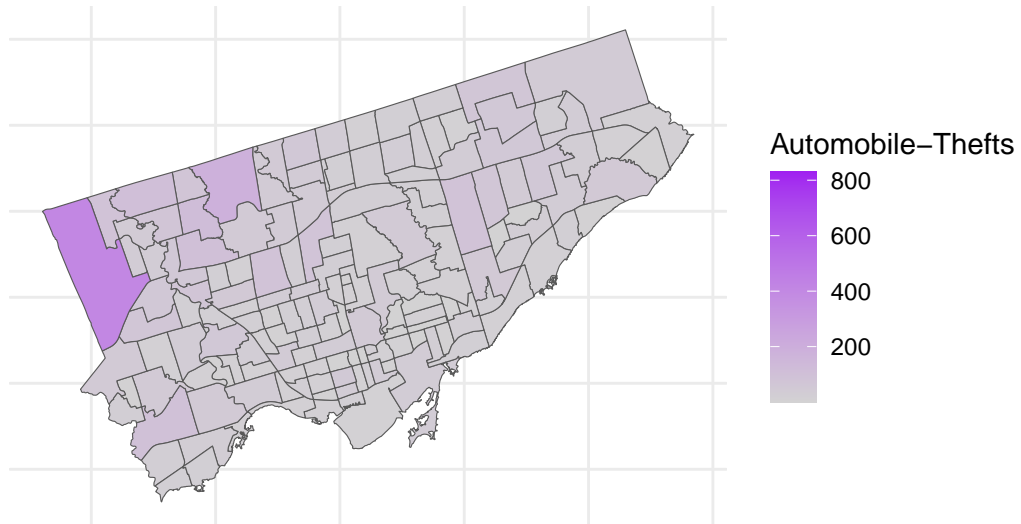
plot6

2019



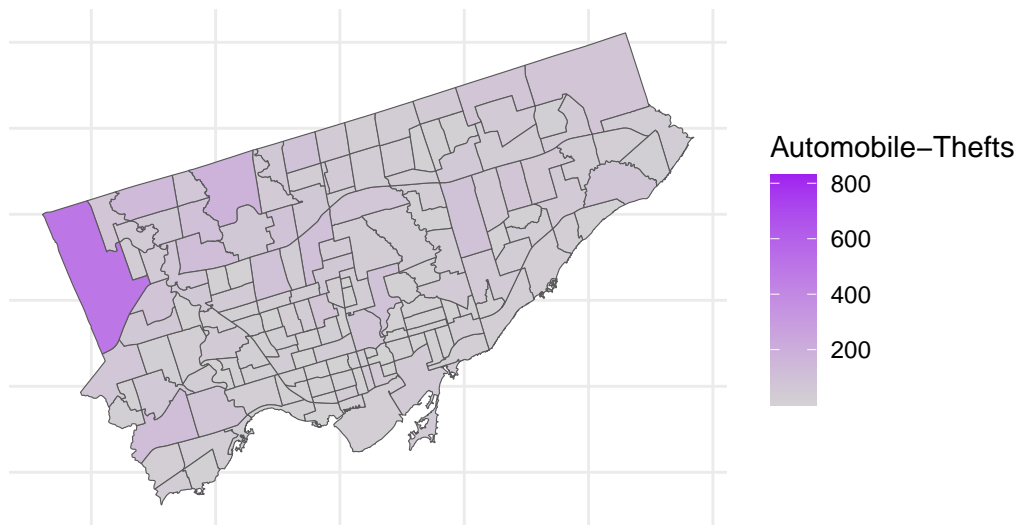
plot7

2020



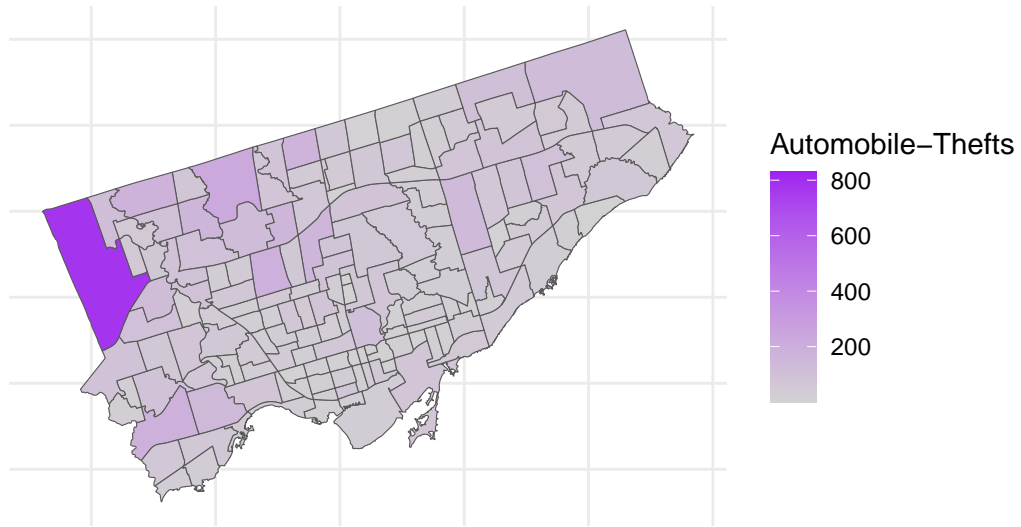
plot8

2021



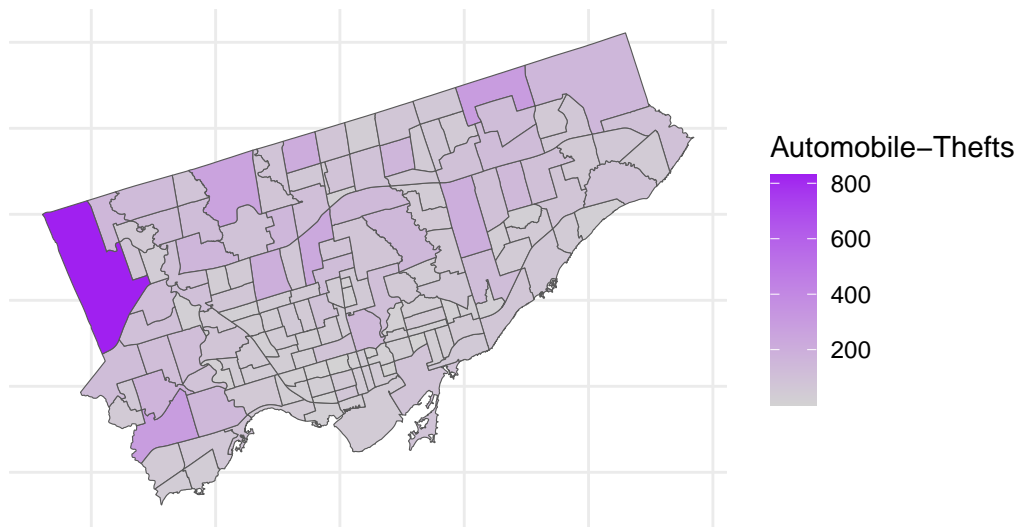
plot9

2022



plot10

2023



4 Discussion

4.1 First discussion point

If my paper were 10 pages, then should be at least 2.5 pages. The discussion is a chance to show off what you know and what you learnt from all this.

4.2 Second discussion point

4.3 Third discussion point

4.4 Weaknesses and next steps

Weaknesses and next steps should also be included.

Appendix

A References