Effect of Covid on marriage licenses

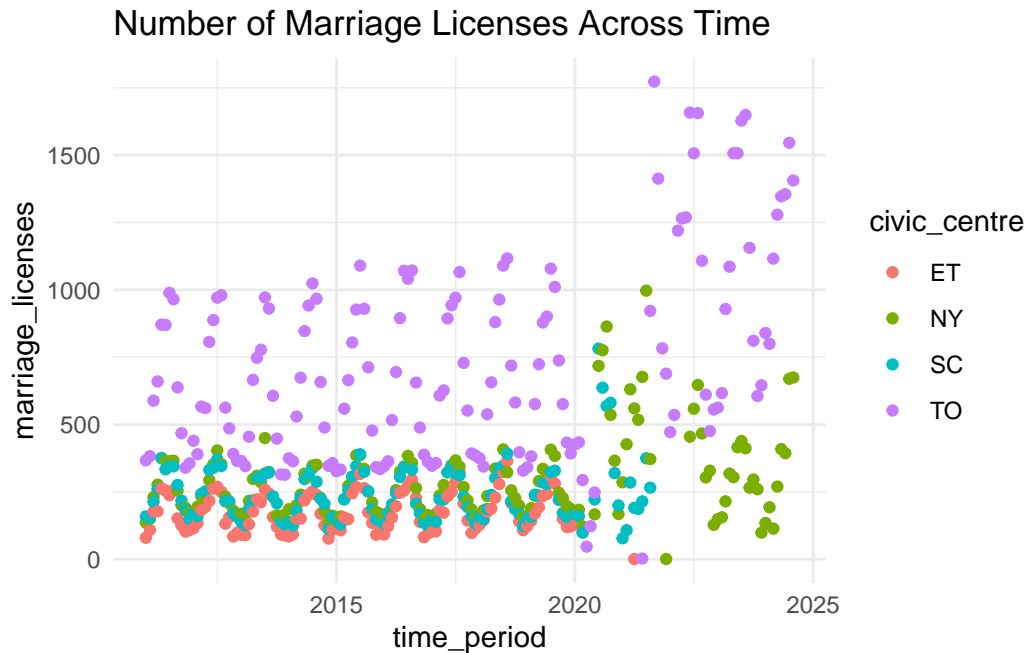Chris Yong Hong Sen

September 19, 2024

...

1 Introduction

We used talia (2024), Government (2024), and Wickham et al. (2019).

The remainder of this paper is structured as follows. Section 2

2 Data

Some of our data is of marriage licenses (**?@fig-marriage**), from Horst, Hill, and Gorman (2020).

```
data %>%
  ggplot(aes(x = time_period, y = marriage_licenses)) +
  geom_point(aes(col = civic_centre)) +
  theme_minimal() +
  ggtitle('Number of Marriage Licenses Across Time')
```

Number of Marriage Licenses Across Time


```
min(data$time_period)
```

```
[1] "2011-01-01"
```

```
max(data$time_period)
```

```
[1] "2024-08-01"
```

3 Discussion

3.1 First discussion point

Overall, we can see that from 2020 to 2021, marriage licenses given across all districts have decreased, with marriage licenses from civic district Toronto showing a more conspicuous decrease.

Appendix

A Additional data details

References

Government, Toronto. 2024. *Opendatatoronto: Open Data Toronto Data.* https://doi.org/10.5281/zenodo.3960218.

Horst, Allison Marie, Alison Presmanes Hill, and Kristen B Gorman. 2020. *Palmerpenguins: Palmer Archipelago (Antarctica) Penguin Data.* https://doi.org/10.5281/zenodo.3960218.

talia. 2024. *Talia: Who or What Is Talia?* https://doi.org/10.5281/zenodo.3960218.

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.