

Relation between number of Marriage and time*

a simple discussion of marriage number in Toronto

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September 19, 2024

This paper introduce the chage of number of marriage along time in Toronto briefly.

1 Introduction

We use R Core Team (2023), and Gelfand (2022) to discover some relation bwtween time and number of marriage in Toronto, here is some of my findings.

2 Data

Our data comes from open data Toronto.

3 Discussion

3.1 First discussion point

We can find from the graph that the number of marriage follow some same patterns for different regions like a wave, but after 2020, the number is unstable like previous years, there's a grow in general for most civic center, ET civic center is missing from the dataset since 2021.

*Code and data are available at: <https://open.toronto.ca/dataset/marriage-licence-statistics/>.

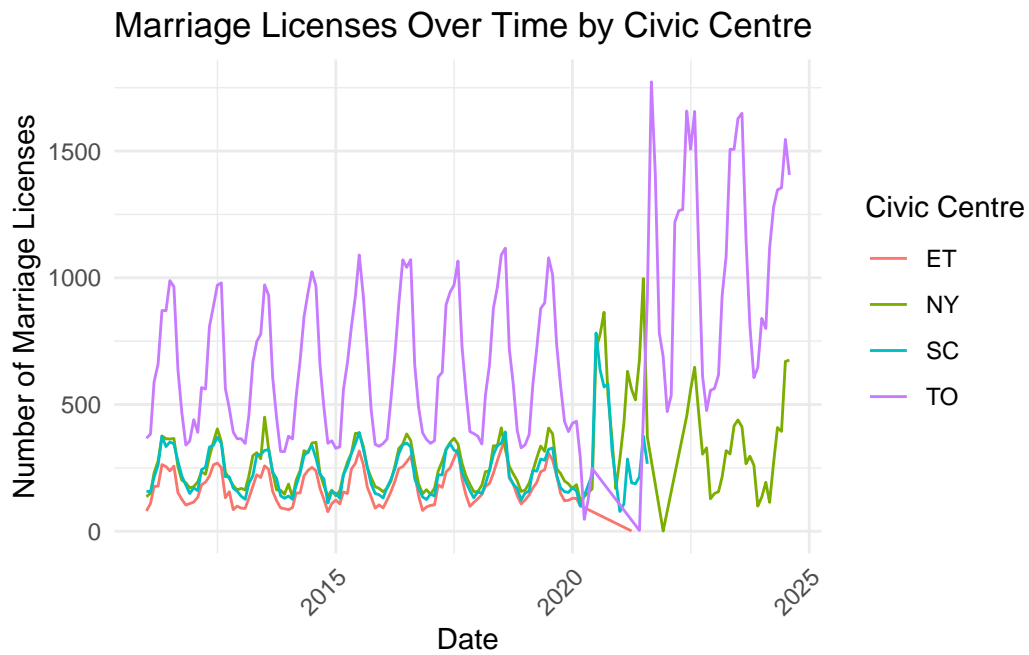


Figure 1: Bills of penguins

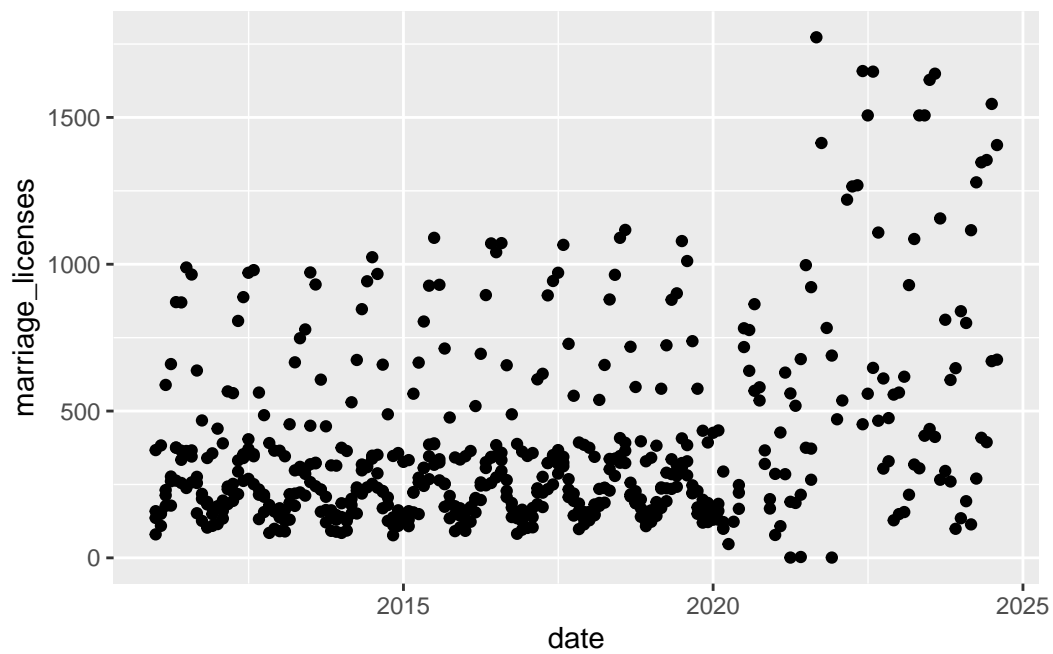


Figure 2: Bills of penguins

3.2 Second discussion point

An interesting point is the marriage number tends to be higher in some months, like summer and fall instead of some other months

Appendix

A Additional data details

References

- Gelfand, Sharla. 2022. *Opendatatoronto: Access the City of Toronto Open Data Portal*.
<https://CRAN.R-project.org/package=opendatatoronto>.
- R Core Team. 2023. *R: A Language and Environment for Statistical Computing*. Vienna, Austria: R Foundation for Statistical Computing. <https://www.R-project.org/>.