

Marriage License in Toronto Before and After Pandemic*

An analysis of marriage licenses in Toronto from 2011 to 2024

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This paper looks at the number of marriage licenses created across Toronto from 2011 to 2024. We discovered that there was a steep increase in the number of marriage licenses after 2020. Further investigation is needed on the reasoning behind this.

1 Introduction

You can and should cross-reference sections and sub-sections. We use R Core Team (2023), Gelfand (2022) and Wickham et al. (2019).

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

2 Data

Figure 1 showcases a Poisson distribution of marriage licenses in Toronto with a lambda of 10 from 2011 to 2024. As we can see that the distribution of marriages stays the same from 2011 to 2020. However, after 2020, there was a significant jump in the number of marriage licenses in Toronto. This indicates that there are more marriage licenses being created per year after the pandemic than prior.

*Code and data are available at: https://github.com/ moonsdust/marriage_statistics_toronto.

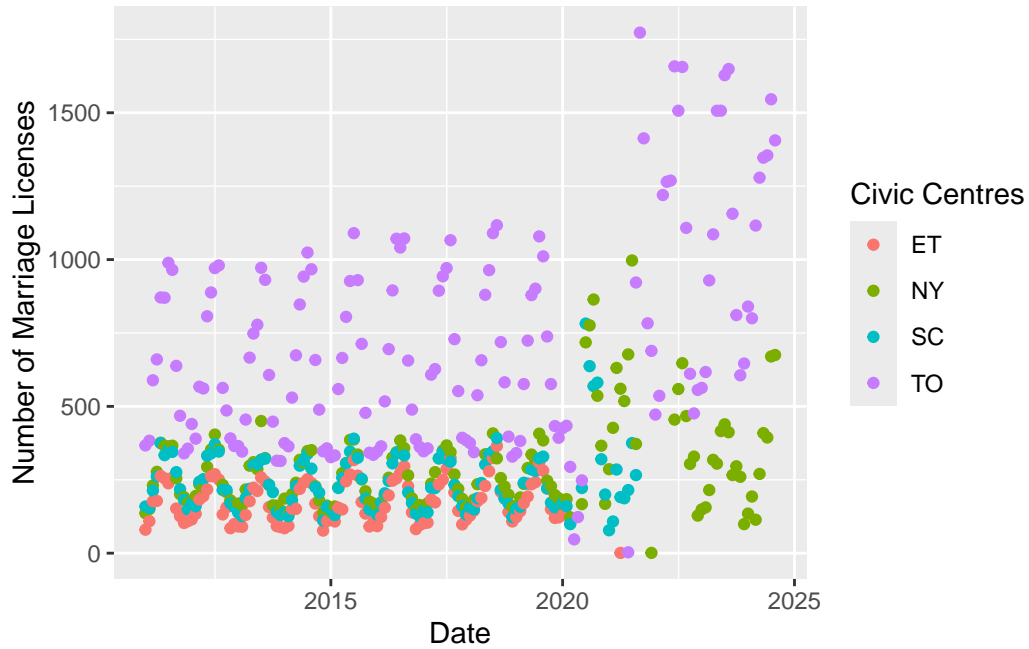


Figure 1: Poisson Distribution ($\lambda = 10$) of marriage licenses in Toronto from 2011 to 2024.

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