

Marriage Data analysis*

STA304 WEEK 3

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This is an analysis study on marriage data set in from Toronto. The goal is to examine the impact of marriage on influencing the social and financial status of individuals. The result carrying out supporting roles for sustainability improvements, financial support, public policy forming, etc.

1 Introduction

The Data are extracted from Gelfand (2022), learn and used R Core Team (2023) and Wickham et al. (2019).

2 Data

3 Results

This histogram (Figure 1) reflects the amount new marriage happens each year from the year of 2011 to 2024 according to Gelfand (2022).

4 Discussion

4.1 First discussion point

from the study, the Marriage number across Toronto is

*Code and data are available at:<https://github.com/MaggieZ111119/marriage.git>

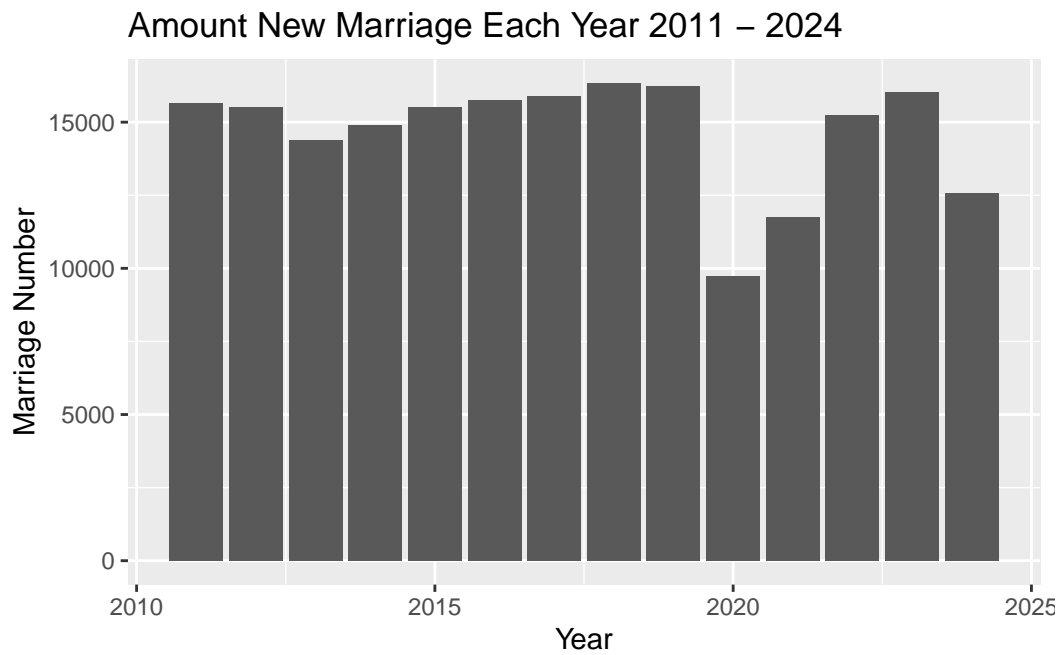


Figure 1: Marriage

4.2 Second discussion point

[My second point]

4.3 Third discussion point

[My third point]

4.4 Weaknesses and next steps

The study is not finalized, more detailed and careful data examination is needed.

Appendix

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>.