## Analyzing the Number of Marriage Licenses Before and After Covid

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September 19, 2024

Abstract: There is a lack of research regarding the effects of Covid-19 on the number of marriages. As we know, Covid-19 travel lockdowns prevented individuals from socializing, so it is more difficult to meet new people and maintain existing romantic relationships. We believe this may be reflected with a reduction in marriages during the Covid.

## 1 Graph

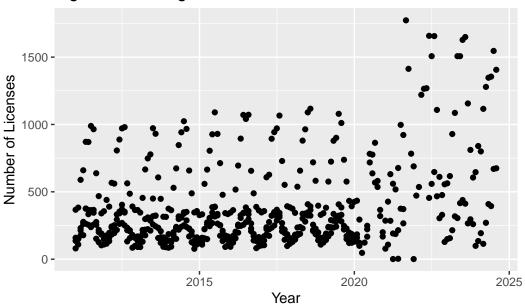


Figure 1: Marriage Licenses Before and After Covid

Observing Figure 1, we can observe that the number of marriage licenses did not decrease after Covid-19. In fact, the data shows an increases in the peak values after the pandemic.

However, this doesn't necessarily imply that the number of marriages increased after Covid because the scatter of the data points in the graph demonstrates that the data was potentially measured differently before and after 2020. Thus, there may be measuring bias, and the result may be inconclusive.

## 2 References

Gelfand (2022) Wickham et al. (2019) R Core Team (2023) Wickham et al. (2023)

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