US General Society Survey Analysis*

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Abstract

Some abstact

Table of contents

*Code and data are available at: repository

Introduction

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

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

Data

- included variables of gender, birth year, race, registered state, employment, education loans, immigration status, dual-citizenship, religion, and 2016 US vote

Model

The variable 'presvote16post' captures the 2016 US Presidential votes of individuals in the United States. Due to the minimal votes for Gary Johnson, Jill Stein, Evan McMullin, and all other candidates any votes

not attributed to 'Hillary Clinton' or 'Donald Trump' were categorized as 'Other'.

We have modeled the following logisitc regression in Figure 1:

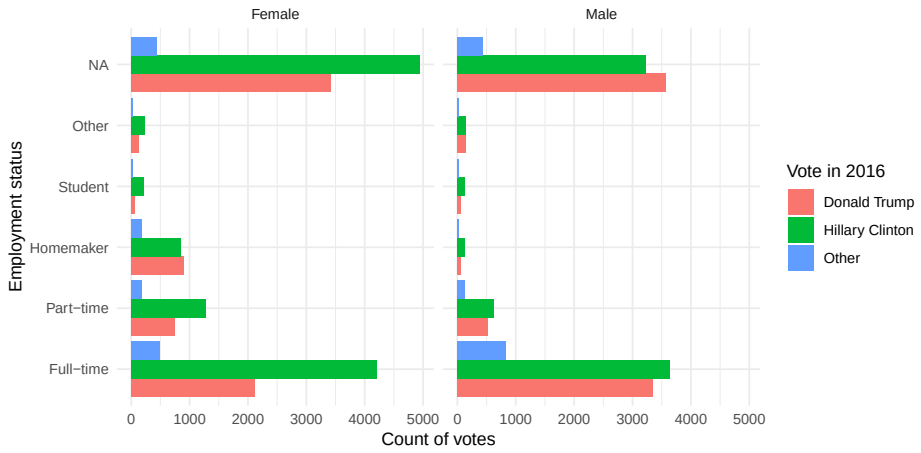

Figure 1: Logistic regression of 2016 US Presidential votes comparing parameters of gender and employment status

Model justification

We expect a positive relationship between the size of the wings and time spent aloft. In particular…

We can use maths by including latex between dollar signs, for instance θ.

Results

Discussion

First discussion point

If my paper were 10 pages, then should be be at least 2.5 pages. The discussion is a chance to show off what you know and what you learnt from all this.

Second discussion point

Third discussion point

Weaknesses and next steps

Weaknesses and next steps should also be included.

Appendix

Additional data details

Model details

Posterior predictive check

In **?@fig-ppcheckandposteriorvsprior-1** we implement a posterior predictive check. This shows...

In **?@fig-ppcheckandposteriorvsprior-2** we compare the posterior with the prior. This shows...

Examining how the model fits, and is affected by, the data

Diagnostics

Checking the convergence of the MCMC algorithm

References

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 Grolemund, et al. 2019. "Welcome to the tidyverse." *Journal of Open Source Software* 4 (43): 1686. https://doi.org/10.21105/joss.01686.