The Post-2007 Declining U.S. Birth Rates imply Significant Societal Shifts in the U.S.*

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This paper explores several factors of the steep decline in birth rates in the United States between 2007 and 2020. The decline in U.S. birth rates offers some significant insights into U.S. society. Changes in birth patterns among recent young adult women moving through the childbearing age group can be directly related to the decline in birth rate from a purely statistical standpoint. In this paper, we decompose the decline in birth rates into between - and within - demographic groups. We then argue that any other economic, policy or social factor that has changed since 2007 does not contribute much to the decline. We also provide evidence that the steep drop in birth rates could be attributed to recent young adults' shifting interests. These shifting priorities represent changes in young adults' preferences regarding having children and aspirations for life. Resonating with the original paper, we conclude with a brief discussion of the implications of the declining birth rate in the United States and its impact on society as an entirety.

1 Introduction

We need Figure 1, Figure 2 - A & B, Table 1, Figure 4, and Figure 5 to show the evidence for our claim.

You can and should cross-reference sections and sub-sections. For instance, Section 2 and Section 5.1.

2 Data

Figure 1. place it here with the Figure 1 from the Original paper (Figure 1).

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*Code and data are available at: https://github.com/UtopianYoungChung/Paper2.git
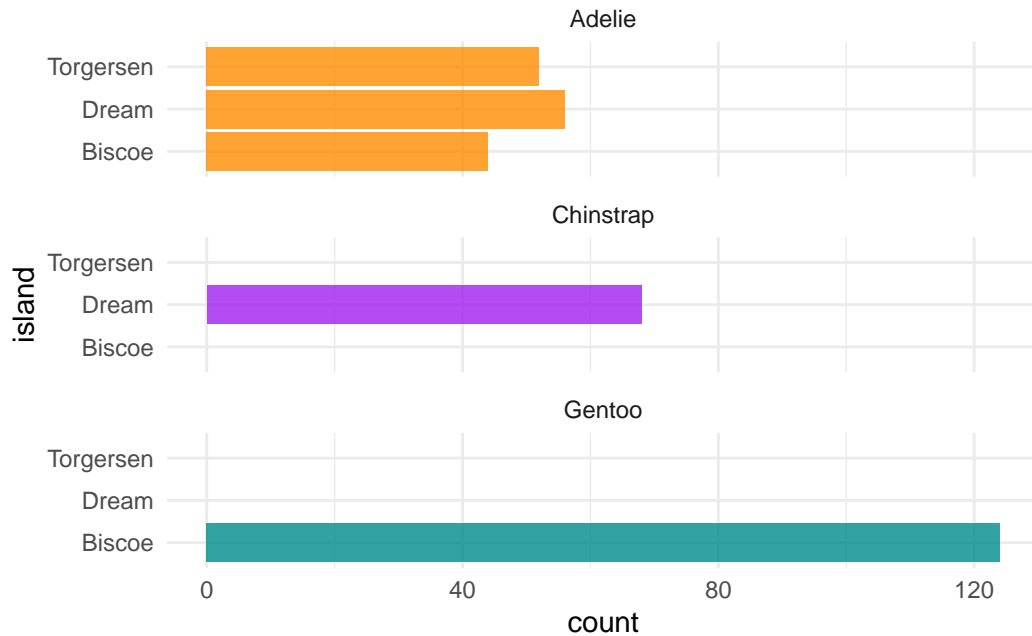
Figure 1: Trend in US Birth Rates

Talk more about it.

Table 1. place it here with the table 1 from the Original paper

Figure 2. place it here with the Figure 4 from the Original paper (Figure 2).

Talk way more about it.

Figure 3. place it here with the Figure 2-a from the Original paper

Figure 4. place it here with the Figure 5 from the Original paper

3 Model

$$Pr(\theta|y) = \frac{Pr(y|\theta)Pr(\theta)}{Pr(y)} \tag{1}$$

Equation 1 seems useful, eh?

Here's a dumb example of how to use some references: In paper we run our analysis in R (R Core Team 2020). We also use the `tidyverse` which was written by Wickham et al. (2019) If we were interested in baseball data then Friendly et al. (2020) could be useful.

We can use maths by including latex between dollar signs, for instance θ.
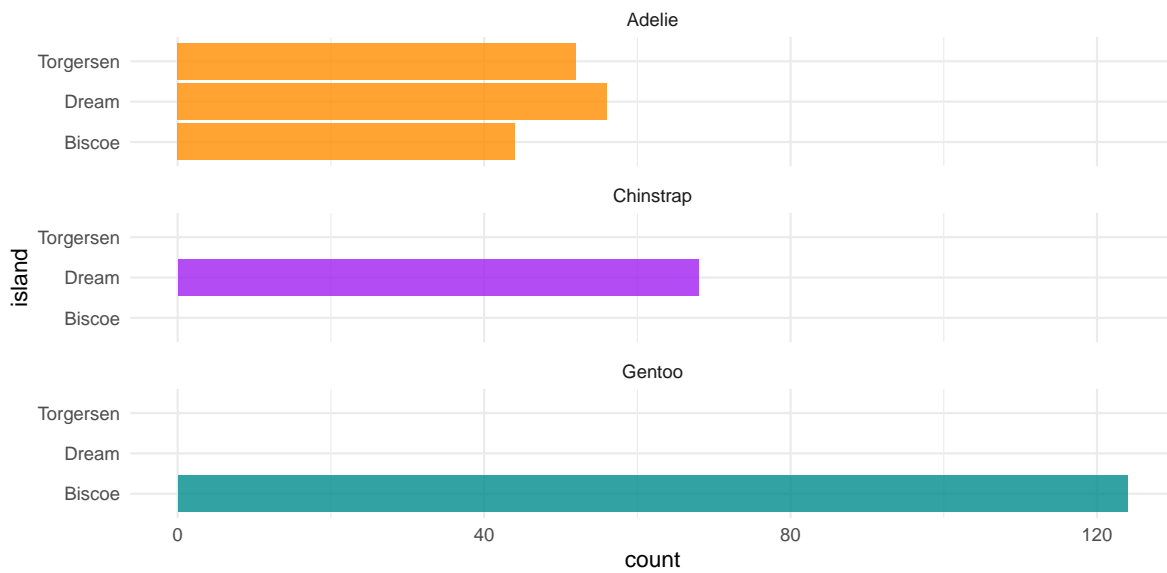
Figure 2: Relationship between Changes in Birth Rates 2004-2008 to 2014-2019

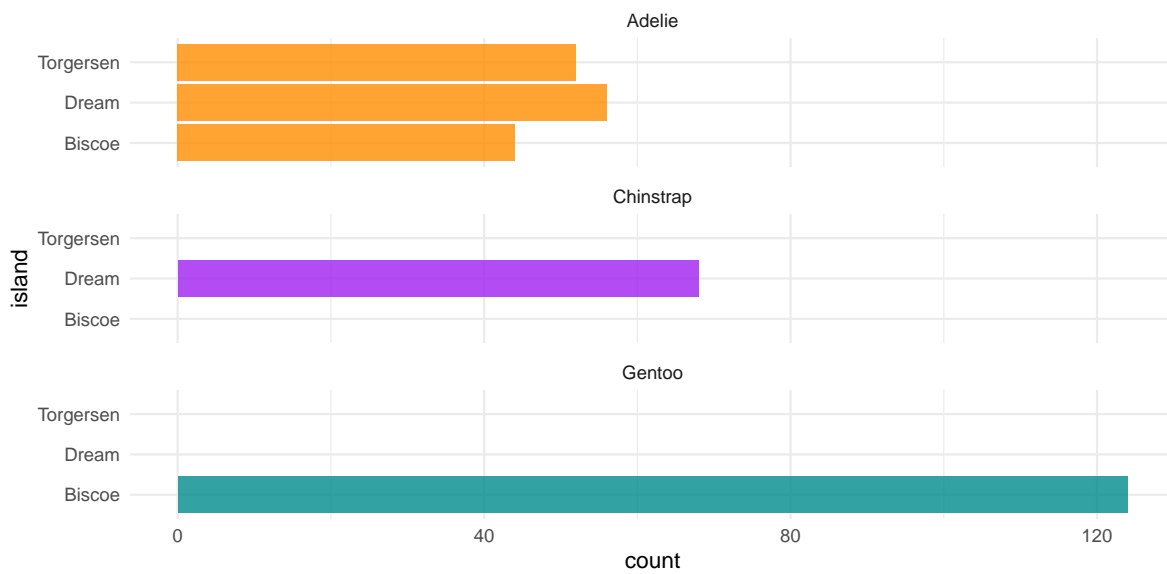
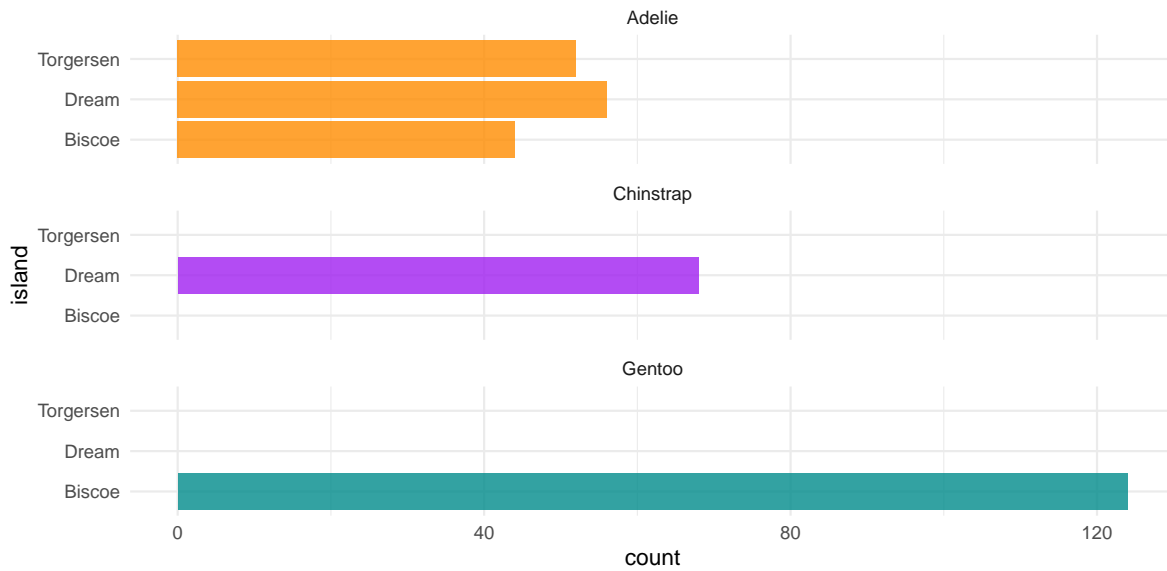Figure 3: Trends in Birth Rates by Population subgroup Five-year age group

Figure 4: Children Ever Born by Mother's Age and Birth Cohort

4 Results

5 Discussion

5.1 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.

5.2 Second discussion point

5.3 Third discussion point

5.4 Weaknesses and next steps

Weaknesses and next steps should also be included.

Appendix

A Additional details

References

Friendly, Michael, Chris Dalzell, Martin Monkman, and Dennis Murphy. 2020. *Lahman: Sean "Lahman" Baseball Database.* https://CRAN.R-project.org/package=Lahman.

R Core Team. 2020. *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.