

# My title\*

My subtitle if needed

First author          Another author

12-03-2023

First sentence. Second sentence. Third sentence. Fourth sentence.

```
cleaned_data <- read_csv(  
  file = here("inputs/data/GSS2021 2.csv"))
```

Rows: 4032 Columns: 14

-- Column specification -----

Delimiter: ","

chr (2): father\_factor, mother\_factor

dbl (12): mapres10, papres10, paeduc, maeduc, educ, mawrkslf, pawrkslf, degr...

i Use `spec()` to retrieve the full column specification for this data.

i Specify the column types or set `show\_col\_types = FALSE` to quiet this message.

## 1 Introduction

You can and should cross-reference sections and sub-sections. For instance, Section [2](#) and Section [5.1](#).

## 2 Data

Our data is of penguins (?@fig-bills).

Warning: Removed 66 rows containing non-finite values (stat\_bin).

---

\*Code and data are available at: [LINK](#).

Warning: Removed 66 rows containing non-finite values (stat\_density).

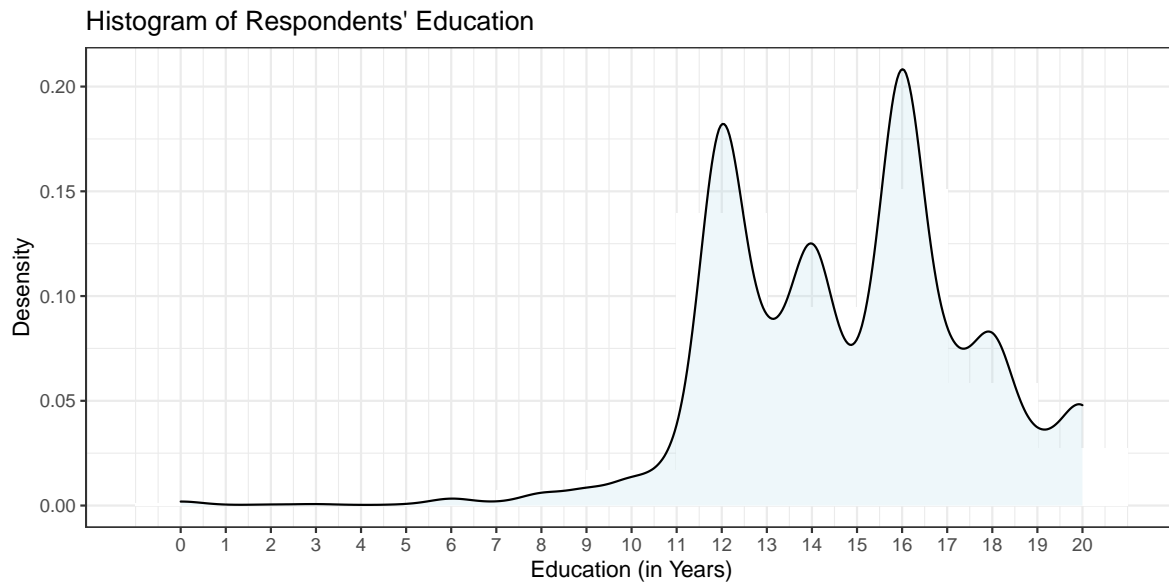


Figure 1: More bills of penguins

Warning: Removed 1265 rows containing non-finite values (stat\_bin).

Warning: Removed 683 rows containing non-finite values (stat\_bin).

Warning: Removed 419 rows containing non-finite values (stat\_bin).

Warning: Removed 942 rows containing non-finite values (stat\_bin).

Talk more about it.

Also bills and their average (**?@fig-billsssss**). (You can change the height and width, but don't worry about doing that until you have finished every other aspect of the paper - Quarto will try to make it look nice and the defaults usually work.)

Warning: Removed 66 rows containing non-finite values (stat\_bin).

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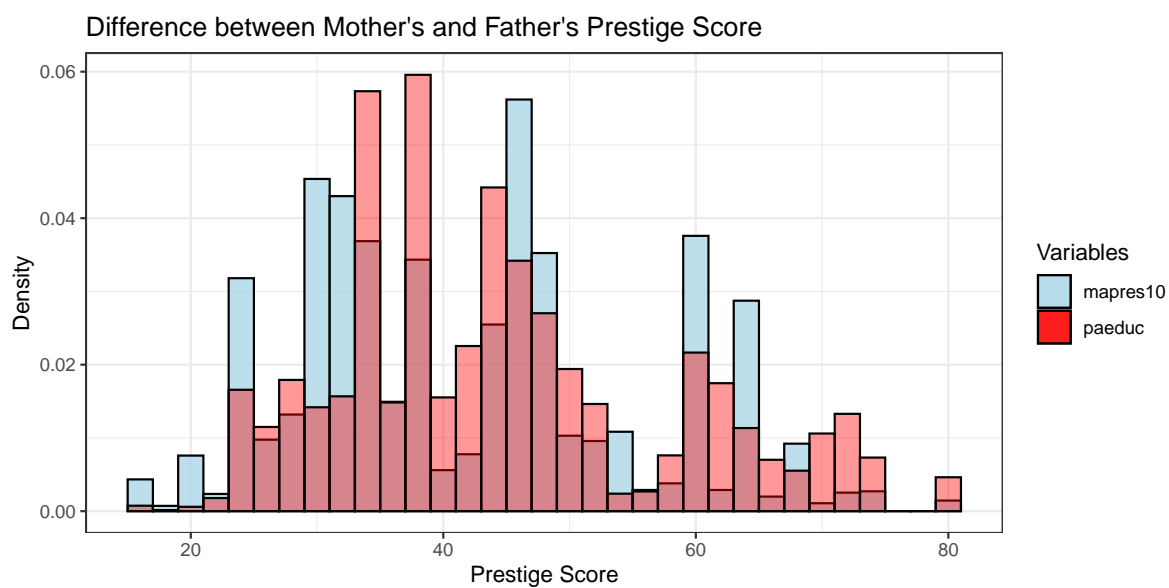


Figure 2: More bills of penguins

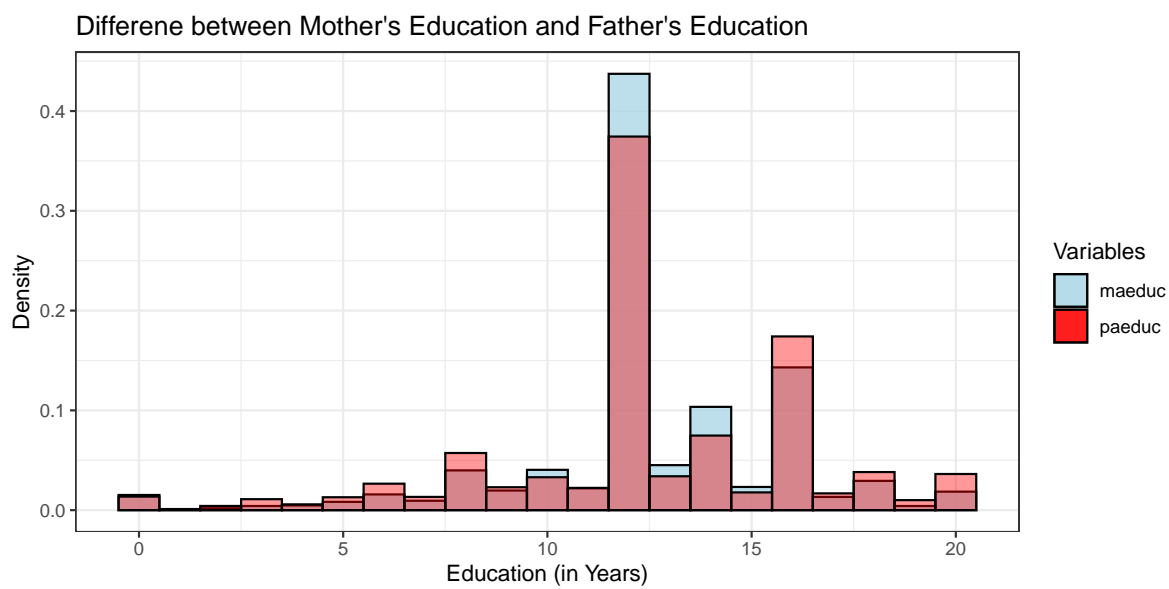


Figure 3: More bills of penguins

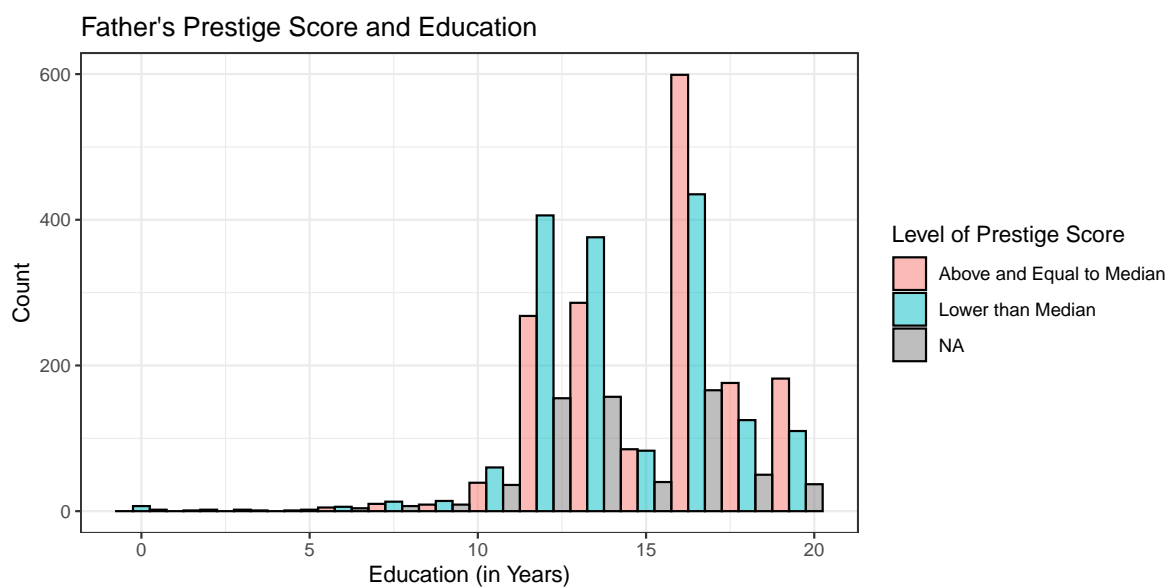


Figure 4: More bills of penguins

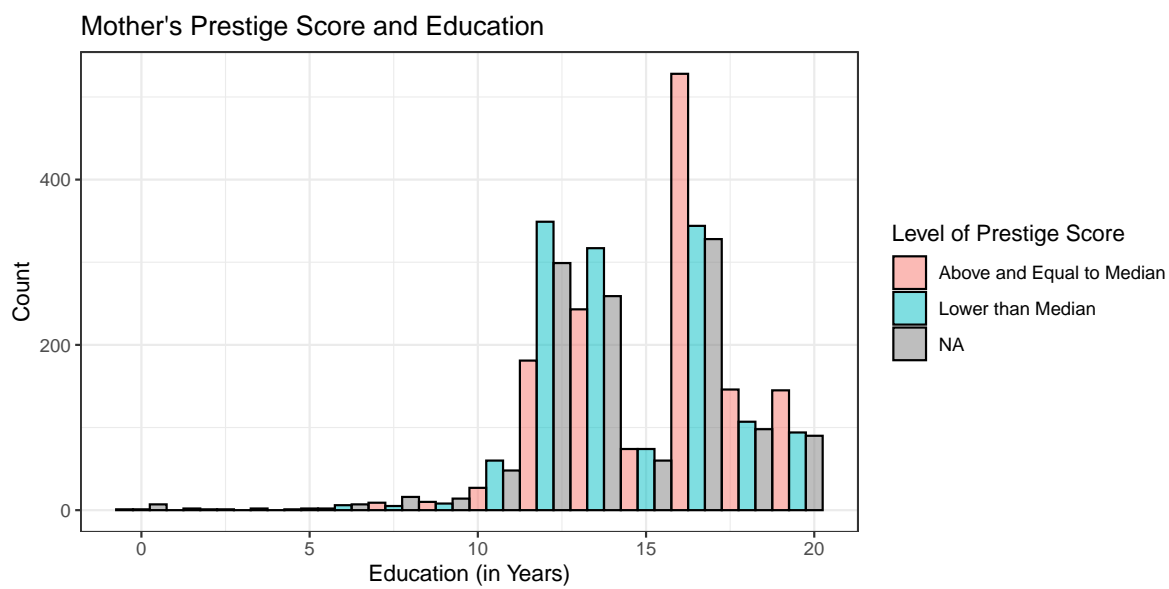
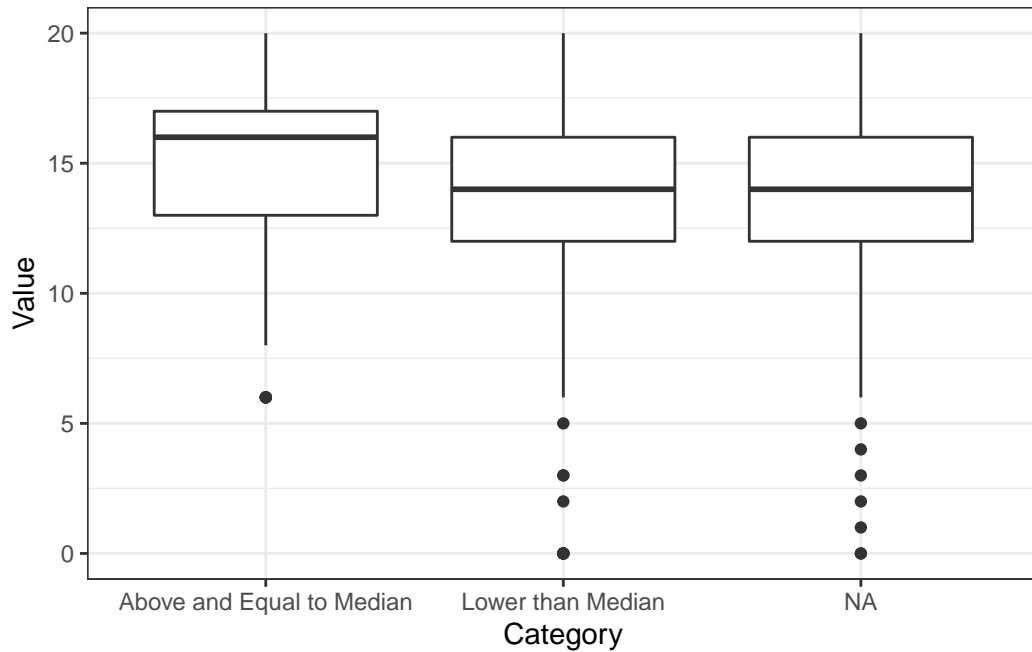


Figure 5: More bills of penguins

```
ggplot(cleaned_data, aes(x = father_factor, y = educ)) +
  geom_boxplot() +
  labs(x = "Category", y = "Value") +
  theme_bw()
```

Warning: Removed 66 rows containing non-finite values (stat\_boxplot).



Talk way more about it.

### 3 Model

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

Equation 1 seems useful, eh?

Here's a dumb example of how to use some references: In paper we run our analysis in R [[@citeR](#)]. We also use the `tidyverse` which was written by [@thereferencecanbewhatever](#) If we were interested in baseball data then [@citeLahman](#) could be useful.

We can use maths by including latex between dollar signs, for instance  $\theta$ .

## **4 Results**

## **5 Discussion**

### **5.1 First discussion point**

If my paper were 10 pages, then should 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.

## 6 References