

Final Report

due November 16, 2021 by 11:59 PM

Your names and team name here

Load Packages

```
library(tidyverse)
library(readxl)
```

Load Data

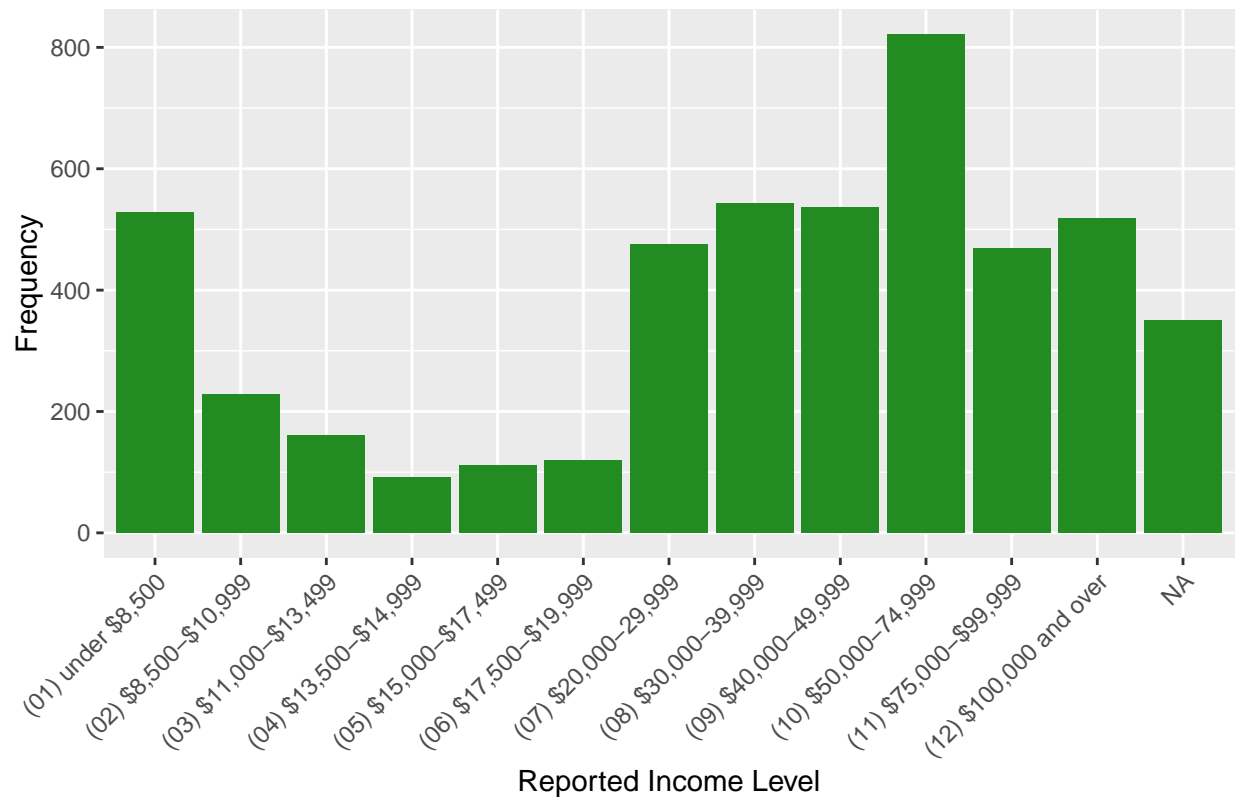
```
load(file = "~/sta198/Jackie-Fan-Club/data/ICPSR_34363/DS0001/34363-0001-Data.rda")
#rename file
data <- da34363.0001
```

Data Citation: Battle, Juan, Pastrana, Antonio Jay, and Daniels, Jessie. Social Justice Sexuality Project: 2010 National Survey, including Puerto Rico. Ann Arbor, MI: Inter-university Consortium for Political and Social Research [distributor], 2013-08-09. <https://doi.org/10.3886/ICPSR34363.v1>

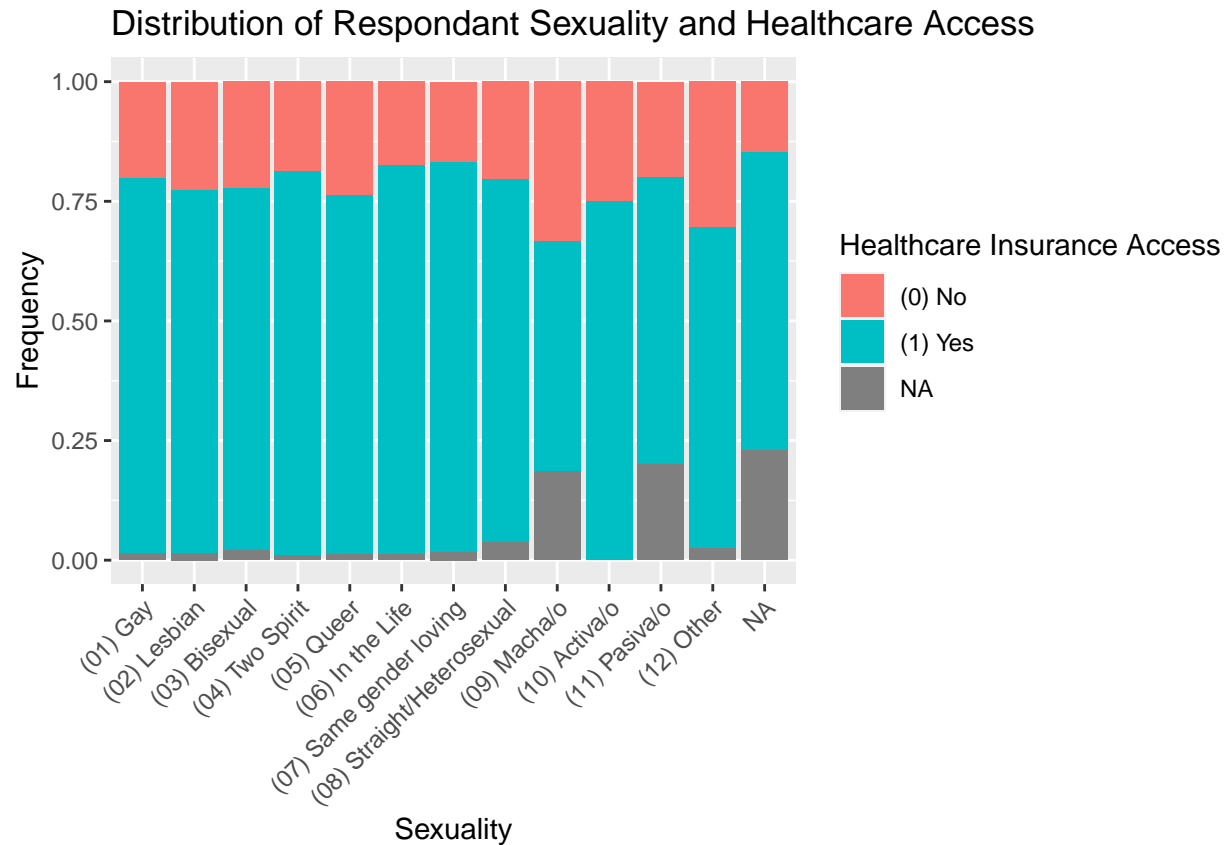
```
dataFiltered <- data %>%
  select(Q15B, Q15C, Q17A, Q17B, Q18A1: Q18A5, Q18C, Q18G, Q18J, Q19A1: Q19A7, Q22A, Q22B, Q25)

ggplot(dataFiltered, aes(x = Q22B)) +
  geom_bar(fill = "#228b22") +
  labs (
    x = "Reported Income Level",
    y = "Frequency",
    title = "Distribution of Respondant Income Levels",
  ) +
  theme(axis.text.x = element_text(
    angle = 45,
    hjust = 1))
```

Distribution of Respondant Income Levels



```
ggplot(dataFiltered, aes(x = Q18C,
                        fill = Q17A)) +
  geom_bar(position = "fill") +
  labs (x = "Sexuality",
        y = "Frequency",
        fill = "Healthcare Insurance Access",
        title = "Distribution of Respondant Sexuality and Healthcare Access") +
  theme(axis.text.x = element_text(angle = 45,
                                    hjust = 1))
```



```
ggplot(dataFiltered, aes(x = Q18C,
                        fill = Q17B)) +
  geom_bar(position = "fill") +
  labs (x = "Sexuality",
        y = "Frequency",
        fill = "Healthcare Provider Access",
        title = "Distribution of Respondant Sexuality and Healthcare Access") +
  theme(axis.text.x = element_text(angle = 45,
                                    hjust = 1))
```

