Predicting Trust in Media and the Importance of Freedom

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#Loading Packages and Data

```
library(inspectdf)
library(foreign)
library(tidyverse)
```

```
hkwave1 <- read.spss("data/Hong Kong v4.2.sav", to.data.frame=TRUE)
japanwave1 <- read.spss("data/Japan v4.2.sav", to.data.frame=TRUE)
```

These are the packages we will be using for data analysis as well as the datasets we will be working with from various Asian Barometer Survey waves.

Data Cleaning

```
japanwave1 %>% inspect_types()
```

```
## # A tibble: 2 x 4
##   type      cnt  pcnt col_name
##   <chr>   <int> <dbl> <named list>
## 1 factor    259  93.5 <chr [259]>
## 2 numeric    18  6.50 <chr [18]>
```

```
hkwave1 %>% inspect_types()
```

```
## # A tibble: 2 x 4
##   type      cnt  pcnt col_name
##   <chr>   <int> <dbl> <named list>
## 1 factor    282  92.5 <chr [282]>
## 2 numeric    23  7.54 <chr [23]>
```

Most of our categorical data is already in factor form so we can continue.

Exploratory Data Analysis

```
ggplot(data = hkwave1, aes(x = se002, fill = q016)) +
  geom_bar() +
  labs(title = "Trust in Television",
       subtitle = "By Gender",
       x = "Gender") +
  guides(fill=guide_legend(title="Trust in Television")) +
  theme_minimal()
```

Trust in Television
By Gender
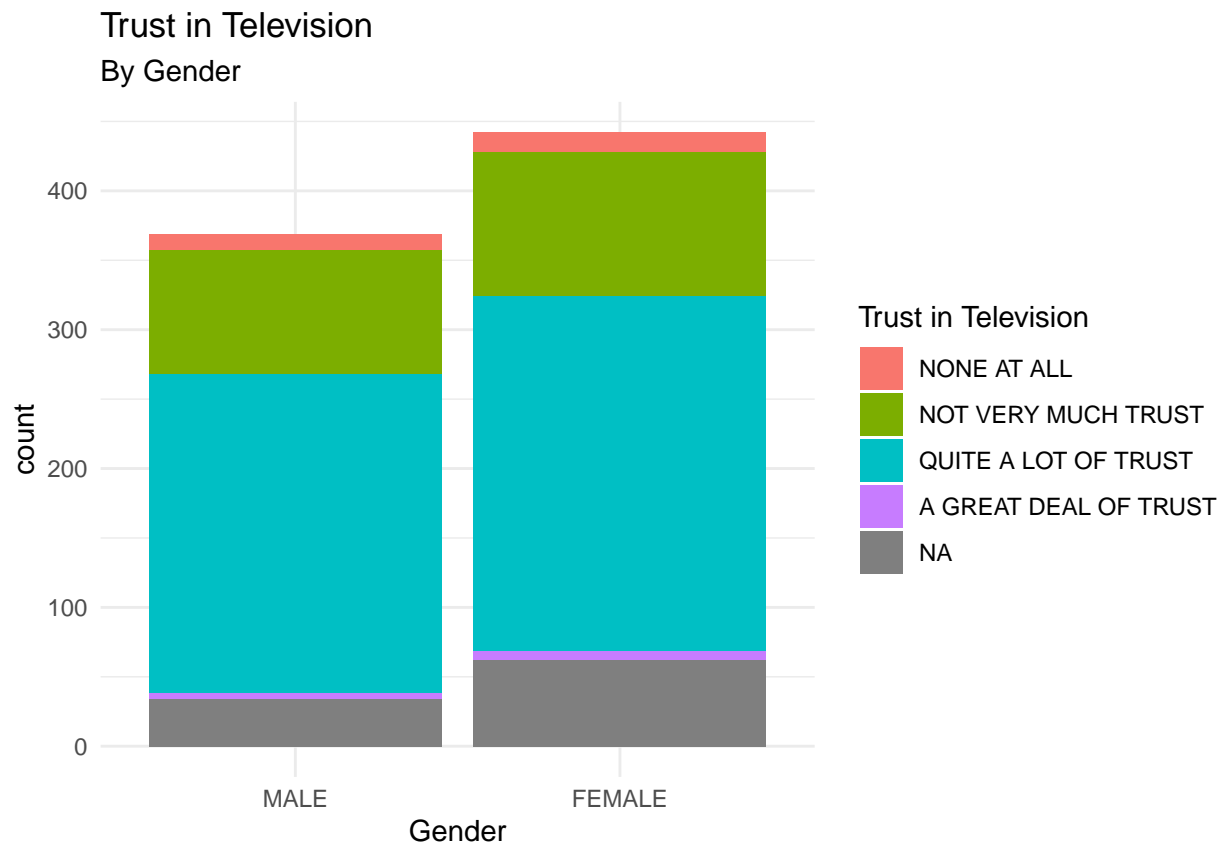

```
ggplot(data = hkwave1, aes(x = se003, fill = q016)) +
  geom_bar() +
  labs(title = "Trust in Television",
       subtitle = "By Age",
       x = "Age") +
  guides(fill=guide_legend(title="Trust in Television"))
```

Trust in Television
By Age