

Blackwell Coding Practice 08/23/2021

Musaab Farooqui

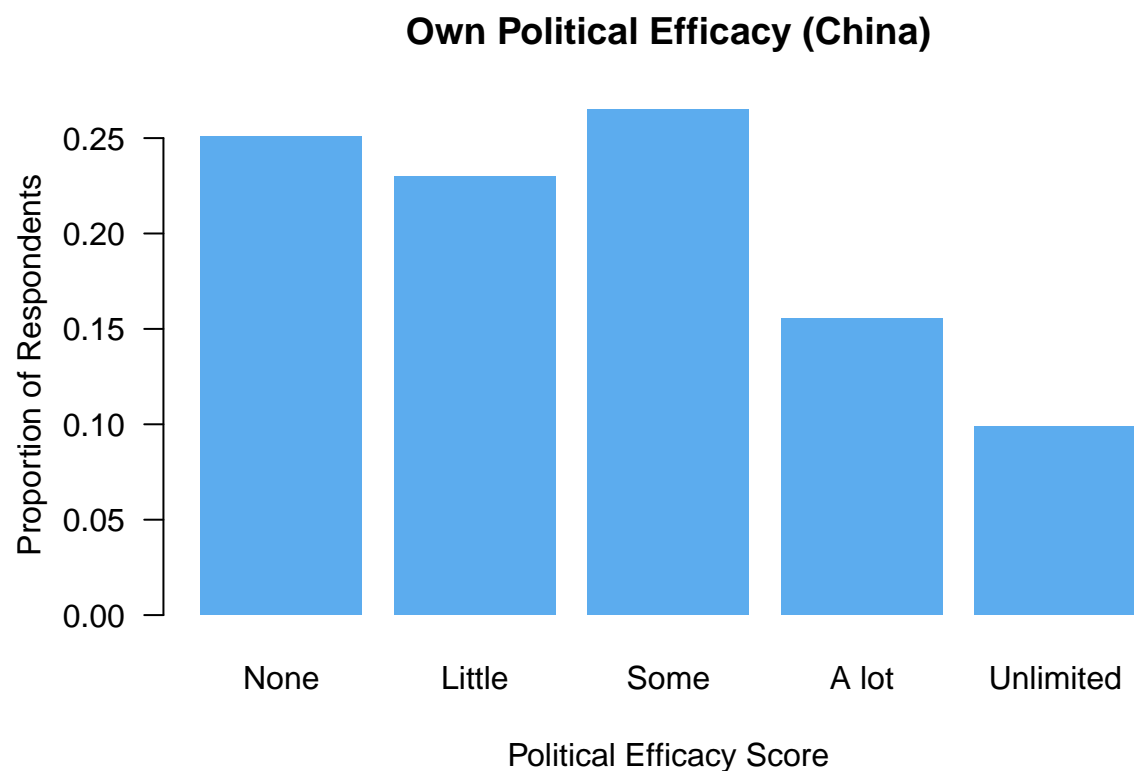
8/17/2021

#loads data into

```
china <- subset(vignettes, china == 1)

ch_props <- prop.table(table(china$self))
labs <- c("None", "Little", "Some",
          "A lot", "Unlimited")

barplot(ch_props, names.arg = labs,
        border = NA, col = "steelblue2",
        las = 1,
        main = "Own Political Efficacy (China)",
        xlab = "Political Efficacy Score",
        ylab = "Proportion of Respondents")
```

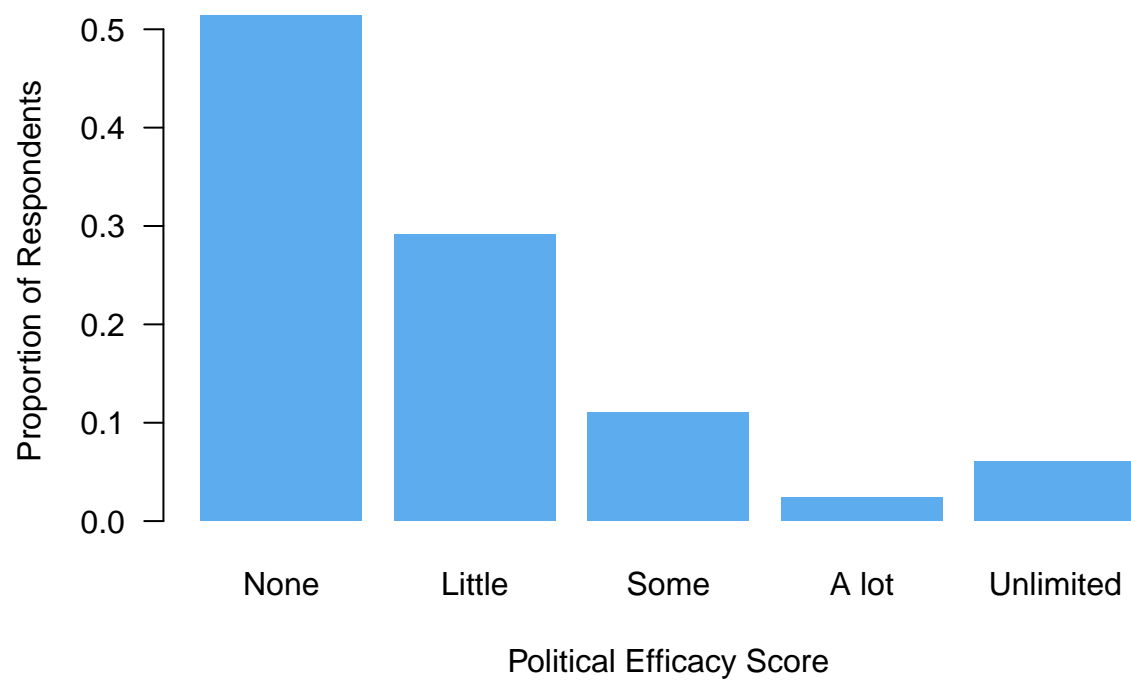


```
mexico <- subset(vignettes, subset = china == 0)

mx_props <- prop.table(table(mexico$self))
labs <- c("None", "Little", "Some",
"A lot", "Unlimited")

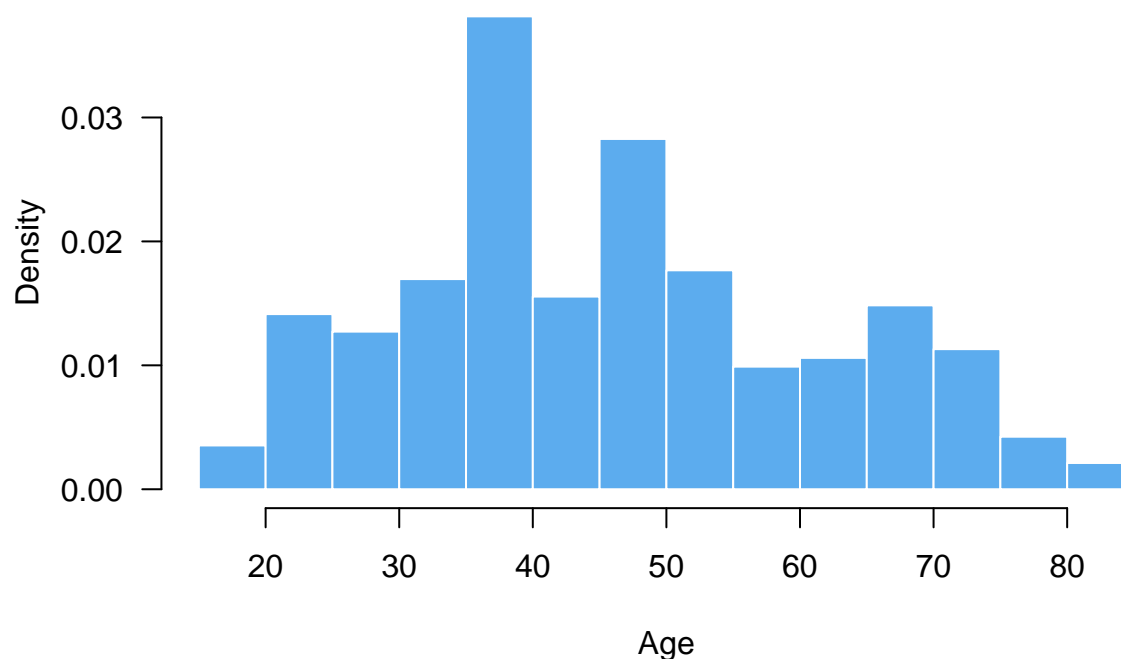
barplot(mx_props, names.arg = labs,
  border = NA, col = "steelblue2",
  las = 1,
  main = "Own Political Efficacy (Mexico)",
  xlab = "Political Efficacy Score",
  ylab = "Proportion of Respondents")
```

Own Political Efficacy (Mexico)



```
hist(china$age,  
     freq = FALSE,  
     xlab = "Age",  
     main = "Respondent age (China)",  
     col = "steelblue2",  
     border = "white",  
     las = 1)
```

Respondent age (China)



```
mean(china$self < china$moses)
```

```
## [1] 0.5618375
```

```
mean(mexico$self < mexico$moses)
```

```
## [1] 0.248996
```

```
ch_right <- subset(china, alison >= jane & jane >= mores)
```

```
ch_right$self.adj <- NA
```

```
ch_right$self.adj[ch_right$self < ch_right$moses] <- 1
```

```
ch_right$self.adj[ch_right$self >= ch_right$moses &  
  ch_right$self < ch_right$jane] <- 2
```

```
ch_right$self.adj[ch_right$self >= ch_right$jane &
```

```
  ch_right$self < ch_right$alison] <- 3
```

```
ch_right$self.adj[ch_right$self >= ch_right$alison] <- 4
```

```
ch_props_adj <- prop.table(table(ch_right$self.adj))
```

```
mx_right <- subset(mexico, alison >= jane & jane >= mores)
```

```
mx_right$self.adj <- NA
```

```
mx_right$self.adj[mx_right$self < mx_right$moses] <- 1
```

```
mx_right$self.adj[mx_right$self >= mx_right$moses &  
                  mx_right$self < mx_right$jane] <- 2  
mx_right$self.adj[mx_right$self >= mx_right$jane &  
                  mx_right$self < mx_right$alison] <- 3  
mx_right$self.adj[mx_right$self >= mx_right$alison] <- 4  
  
mx_props_adj <- prop.table(table(mx_right$self.adj))
```