

## cognitivebiases

```
bias_data <- read_csv("bias_data.csv")
```

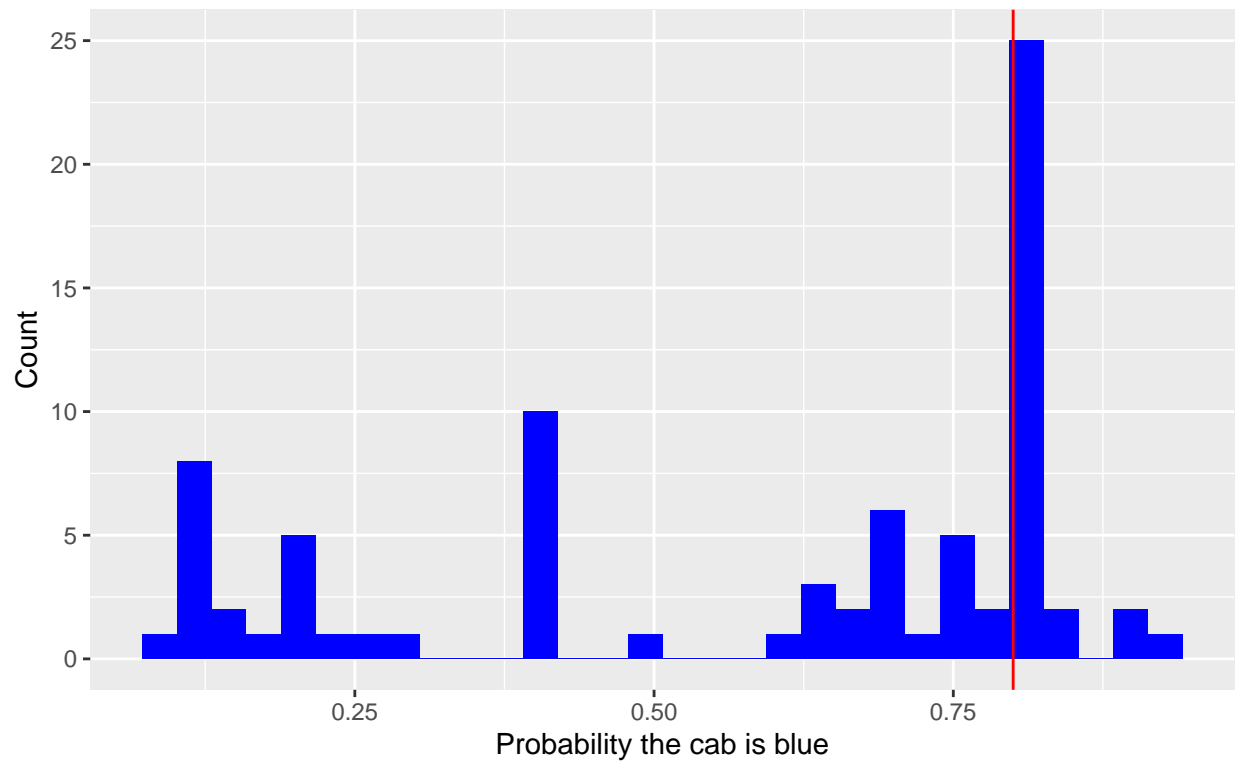
```
##  
## -- Column specification -----  
## cols(  
##   rare_disease_prog = col_character(),  
##   rare_disease_cond = col_character(),  
##   linda = col_character(),  
##   cab = col_double(),  
##   year = col_character(),  
##   gender = col_character(),  
##   college_stats = col_character()  
## )
```

```
bias_data %>%  
  ggplot(aes(x = cab)) +  
  geom_histogram(fill = "blue") +  
  geom_vline(aes(xintercept = .8), col = "red") +  
  labs(x = "Probability the cab is blue", y = "Count", title = "Taxi Cab Responses",  
       caption = "The red line displays the most common answer in previous iterations of the experiment:")
```

```
## 'stat_bin()' using 'bins = 30'. Pick better value with 'binwidth'.
```

```
## Warning: Removed 4 rows containing non-finite values (stat_bin).
```

## Taxi Cab Responses



The red line displays the most common answer in previous iterations of the experiment: .8.

```
mean(bias_data$cab, na.rm = T)
```

```
## [1] 0.5728395
```

```
# meanbias = mean(bias_data$cab, na.rm = T)
#
# getmode <- function(v) {
#   unqu <- unique(v)
#   unqu[which.max(tabulate(match(v, unqu)))]
# }

# bias_data %>%
#   group_by(college_stats) %>%
#   drop_na(cab) %>%
#   summarize(mode = Mode(cab) )

#bias_data %>%
#   ggplot(aes(x = cab)) +
#   geom_histogram(bins = 30, fill = "blue") +
#   facet_wrap(~ college_stats)

#geom_vline(aes(xintercept = .8), col = "red") +
#labs(x = "Probability the cab is blue ", y = "Count", title = "Taxi Cab Responses",
#     # caption = "The red line displays the most common answer in previous iterations of the experiment")
```