

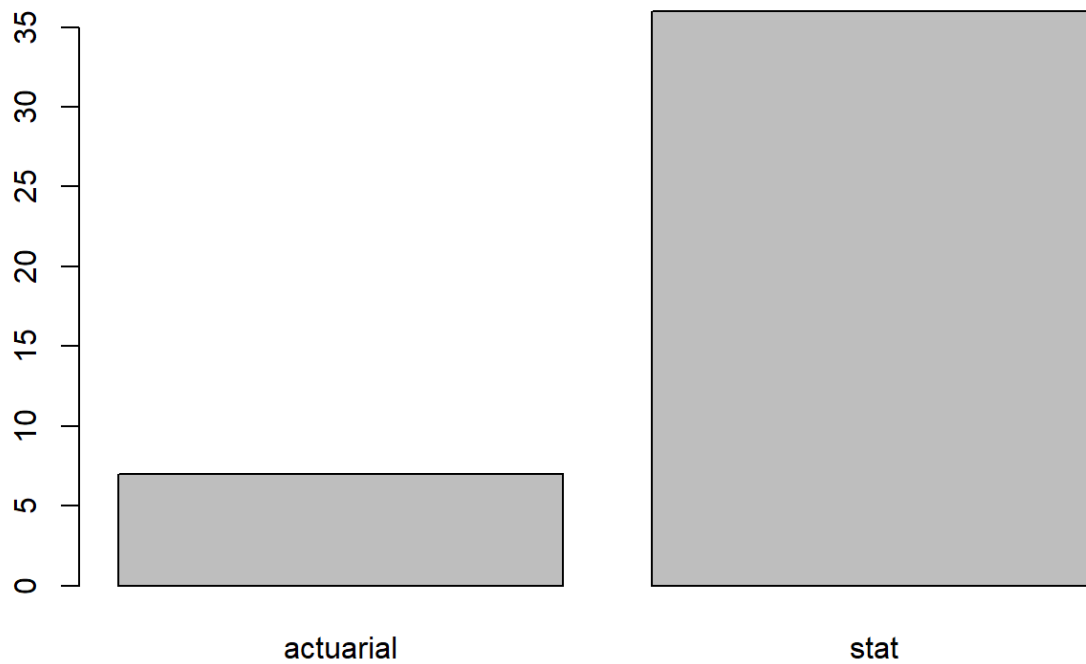
# Untitled

## 2

```
acturial_url = "http://www.sfu.ca/bin/wcm/course-outlines?2017/spring/acma"  
acturial_info = fromJSON(acturial_url)  
class(acturial_info)
```

```
## [1] "data.frame"
```

```
stat_ulr = "http://www.sfu.ca/bin/wcm/course-outlines?2017/spring/stat"  
stat_info = fromJSON(stat_ulr)  
depart = stat_info$title  
stat_info = cbind(stat_info,depart)  
stat_info$depart = "stat"  
depart = acturial_info$text  
acturial_info = cbind(acturial_info,depart)  
acturial_info$depart = "actuarial"  
total = rbind(stat_info,acturial_info)  
barplot(table(total$depart))
```



```
library(wordcloud)
```

```
## Loading required package: RColorBrewer
```

```
library(tm)
```

```
## Loading required package: NLP
```

```

name = total$title
name = tolower(name)
name = gsub("/", " ", name)
name = gsub("\\<i+\\>", "", name)
name = gsub("\\<v\\>", "", name)
name = gsub("\\<iv\\>", "", name)
name = gsub("^\\s+|\\s+$", "", name)
word.split = strsplit(name, " ")
words = unlist(word.split)
words = words[!words %in% tm::stopwords(kind = "english")]
Wordtable = table(words)
wordcloud(names(Wordtable), Wordtable, colors = rainbow(8), random.order = FALSE)
mtext("WordCloud", side = 3, line = 0)

```

### WordCloud

