

Comparison Barplots

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Outline

Install and Load Libraries

Access Project Gutenberg

Download Dracula

Unpack the Words

The Bing Lexicon

Inner Join

Install and Load Libraries

- ▶ `library(dplyr)`

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► `library(ggplot2)`

► `library(stringr)`

Access Project Gutenberg

```
df<-gutenberg_works(str_detect(title,'Dracula'))
df$gutenberg_id

## [1] 345 10150

df$title

## [1] "Dracula" "Dracula's Guest"
```


Download Dracula

```
dracula<-gutenberg_download(341)

## Determining mirror for Project Gutenberg from
http://www.gutenberg.org/robot/harvest
## Using mirror http://aleph.gutenberg.org

colnames(dracula)

## [1] "gutenberg_id" "text"

substr(dracula$text[500],1,21)

## [1] ""
```

Unpack the Words

```
dracula_words<dracula%>%  
  unnest_tokens(word,text)%>%  
  colnames(dracula_words)
```

```
## Error in eval(expr, envir, enclos): object  
'dracula_words' not found
```

```
dracula_words$word[500,]
```

```
## Error in eval(expr, envir, enclos): object  
'dracula_words' not found
```

The Bing Lexicon

```
bing<-get_sentiments('bing')
  colnames(bing)

## [1] "word"      "sentiment"

bing(498:500,)

## Error in bing(498:500, ): could not find function
"bing"
```

Inner Join

```
dracula_words<-inner_join(dracula_words,bing)
```

```
## Error in inner_join(dracula_words, bing):  object  
'dracula_words' not found
```

```
dracula_words$gutenberg_id<-NULL
```

```
## Error in dracula_words$gutenberg_id <- NULL: object  
'dracula_words' not found
```

```
dracula_words[498:500,]
```

```
## Error in eval(expr, envir, enclos):  object  
'dracula_words' not found
```