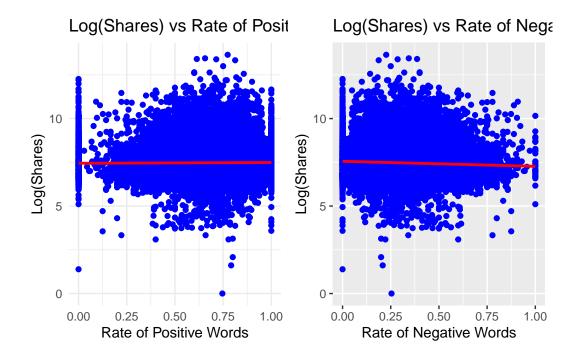
Project Proposal

The BEST Fit - Olivia Encarcion, Leo Yang, Philip Lin, Allison Yang

```
library(tidyworse)
library(tidymodels)
library(ggplot2)
library(dplyr)
library(gridExtra)
library(knitr)
if (!requireNamespace("car", quietly = TRUE)) {
   install.packages("car")
}
library(car)
```



model <- lm(log(shares) ~ rate_negative_words + rate_positive_words, data =newsdf)
 tidy(model)|>
 kable(digits=3)

term	estimate	std.error	statistic	p.value
(Intercept)	7.655	0.027	283.712	0
$rate_negative_words$	-0.360	0.035	-10.206	0
$rate_positive_words$	-0.113	0.029	-3.894	0

```
vif_values <- vif(model)
print("Variance Inflation Factors:")</pre>
```

[1] "Variance Inflation Factors:"

```
print(vif_values)
```

rate_negative_words rate_positive_words 1.392604 1.392604