

# ShanklinHW2

## Shanklin Homework 3

1)

```
Magazines <- read.csv("~/Documents/STAT-158/Magazines.csv", header=TRUE)
summary(Magazines)
```

```
##      Words      Sentences      X3..Syll      Magazine
## Min.   : 31.0    Min.    : 4.00    Min.    : 0.00    Fortune   : 6
## 1st Qu.: 69.0    1st Qu.: 9.00    1st Qu.: 6.00    Grit      : 6
## Median : 95.5    Median :11.50    Median :11.50    National  : 6
## Mean   :122.6    Mean    :12.43    Mean    :14.52    New Yorker: 6
## 3rd Qu.:201.5    3rd Qu.:16.00    3rd Qu.:21.75    Newsweek  : 6
## Max.   :230.0    Max.    :25.00    Max.    :43.00    People    : 6
##                                     (Other)   :18
##      Ed.Level
## high   :18
## low    :18
## medium:18
##
##
##
##
```

2)

```
head(Magazines)
```

```
##   Words Sentences X3..Syll      Magazine Ed.Level
## 1   205         9      34 Scientific American   high
## 2   203        20      21 Scientific American   high
## 3   229        18      37 Scientific American   high
## 4   208        16      31 Scientific American   high
## 5   146         9      10 Scientific American   high
## 6   230        16      24 Scientific American   high
```

Shows 6 rows.

3)

R probably doesn't know how to parse the + symbol in the csv file.

4)

```
Magazines[10,]
```

```
##      Words Sentences X3..Syll Magazine Ed.Level
## 10      80         13         18 Fortune      high
```

```
Magazines[15,]
```

```
##      Words Sentences X3..Syll Magazine Ed.Level
## 15      46          6          6 New Yorker    high
```

5)

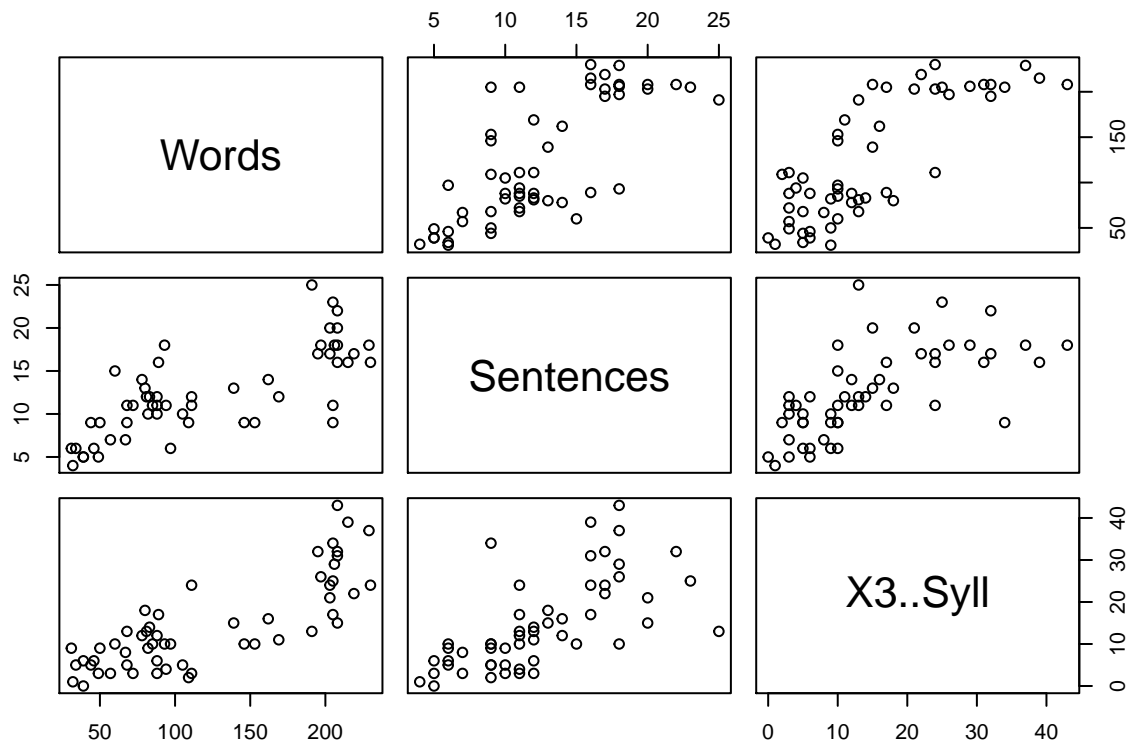
```
attach(Magazines)
sum((Magazines$Words > 203))
```

```
## [1] 12
```

6)

```
Just_Numbers <- Magazines[,1:3]
```

```
pairs(Just_Numbers)
```



7)

```
Just_Numbers <- Just_Numbers[with(Just_Numbers, order(-Just_Numbers$Sentences)),]
```

8)

```
# Not sure how cbind() works
```

9)