

# STATS 419 Survey of Multivariate Analysis

## Week 03 Assignment

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## 1 Introduction

Here is the text<sup>1</sup> of your introduction.

Malcolm Gladwell talks about outliers (Gladwell 2008).

$$\alpha = \sqrt{\beta} \tag{1}$$

### 1.1 Subsection Heading Here

Write your subsection text here.

## 2 Conclusion

Write your conclusion here.

### 2.1 R Markdown

This is an R Markdown document. Markdown is a simple formatting syntax for authoring HTML, PDF, and MS Word documents. For more details on using R Markdown see <http://rmarkdown.rstudio.com>.

When you click the **Knit** button a document will be generated that includes both content as well as the output of any embedded R code chunks within the document. You can embed an R code chunk like this:

```
library(devtools); # devtools is required for function source_url() to work ...
github.path = "https://raw.githubusercontent.com/MonteShaffer/WSU_STATS419_FALL2020/";
source_url( paste0(github.path,"master/functions/libraries.R") );
source_url( paste0(github.path,"master/functions/functions-imdb.R") );
```

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<sup>1</sup>Here is a footnote

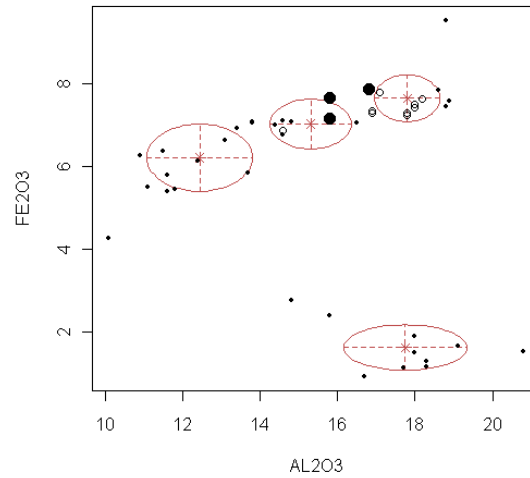


Figure 1: Simulation Results

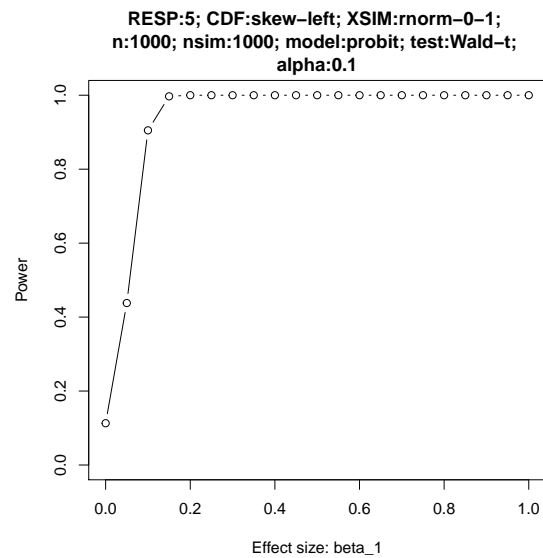


Figure 2: Simulation Results PDF

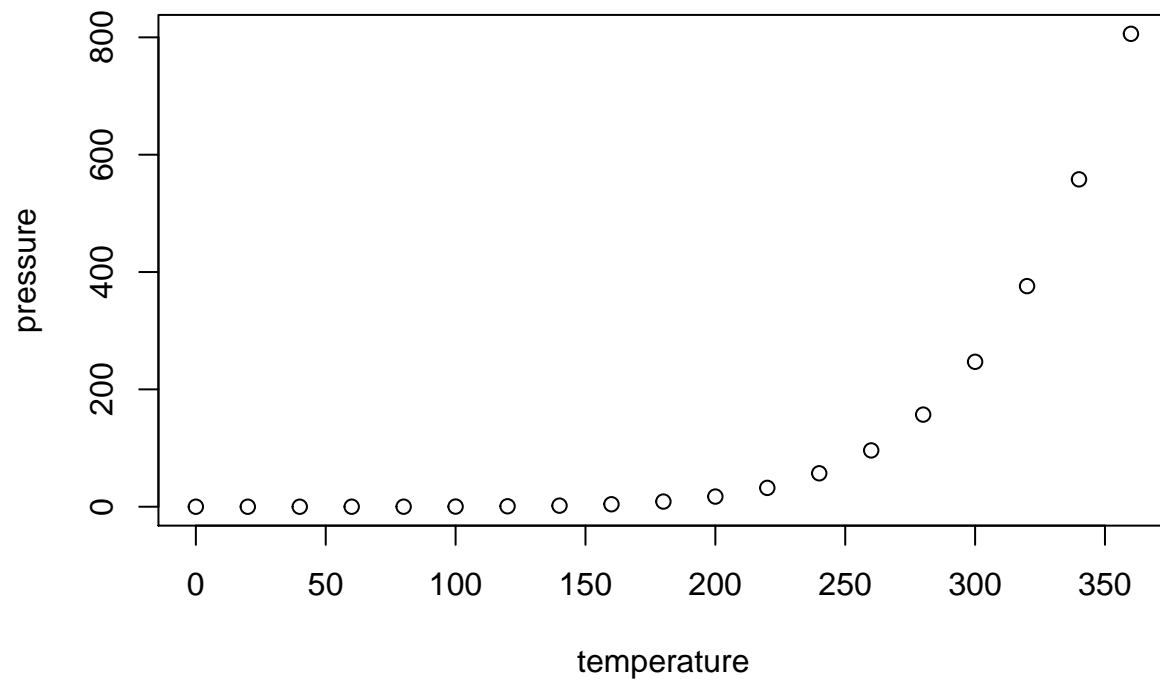


Figure 3: test cap

```
summary(cars)
```

```
##      speed      dist
##  Min.   : 4.0    Min.   :  2.00
## 1st Qu.:12.0    1st Qu.: 26.00
## Median :15.0    Median : 36.00
## Mean   :15.4    Mean   : 42.98
## 3rd Qu.:19.0    3rd Qu.: 56.00
## Max.   :25.0    Max.   :120.00
```

## 2.2 Including Plots

You can also embed plots, for example:

```
plot(pressure)
```

Note that the `echo = FALSE` parameter was added to the code chunk to prevent printing of the R code that generated the plot.

## References

Gladwell, Malcolm (2008). *Outliers: The Story Of Success*. Back Bay Books: Little, Brown.