R Code

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## 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:

##### Wilcoxon rank sum test

Logged = c(85.6 ,85.4 ,75.5 ,53.1 ,46.7 ,45 ,43.2 ,40.8 ,18.2)  
Notlogged = c(56.1 ,34.2 ,23.6 ,18.1 ,13.3 ,-8.1 ,-20.1)  
wilcox.test(Logged,Notlogged, correct=TRUE)

##   
## Wilcoxon rank sum test  
##   
## data: Logged and Notlogged  
## W = 55, p-value = 0.01154  
## alternative hypothesis: true location shift is not equal to 0

##### Calculate Confidence Interval

sum(rank(c(Logged,Notlogged))[1:9])

## [1] 100

sum(rank(c(Logged,Notlogged))[10:16]) #Sum ranks not Logged

## [1] 36

## 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.