Untitled

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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:

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

## Including Plots

You can also embed plots, for example:



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

## Demonstrate data.frame

data(tli)  
tli.table <- xtable(tli[1:20, ])  
print(tli.table)

## % latex table generated in R 3.4.0 by xtable 1.8-2 package  
## % Wed Nov 15 10:45:49 2017  
## \begin{table}[ht]  
## \centering  
## \begin{tabular}{rrlllr}  
## \hline  
## & grade & sex & disadvg & ethnicty & tlimth \\   
## \hline  
## 1 & 6 & M & YES & HISPANIC & 43 \\   
## 2 & 7 & M & NO & BLACK & 88 \\   
## 3 & 5 & F & YES & HISPANIC & 34 \\   
## 4 & 3 & M & YES & HISPANIC & 65 \\   
## 5 & 8 & M & YES & WHITE & 75 \\   
## 6 & 5 & M & NO & BLACK & 74 \\   
## 7 & 8 & F & YES & HISPANIC & 72 \\   
## 8 & 4 & M & YES & BLACK & 79 \\   
## 9 & 6 & M & NO & WHITE & 88 \\   
## 10 & 7 & M & YES & HISPANIC & 87 \\   
## 11 & 3 & M & NO & WHITE & 79 \\   
## 12 & 6 & F & NO & WHITE & 84 \\   
## 13 & 8 & M & NO & WHITE & 90 \\   
## 14 & 5 & M & NO & WHITE & 73 \\   
## 15 & 8 & F & NO & WHITE & 72 \\   
## 16 & 6 & F & NO & BLACK & 82 \\   
## 17 & 4 & M & NO & WHITE & 69 \\   
## 18 & 3 & F & YES & HISPANIC & 17 \\   
## 19 & 3 & M & NO & HISPANIC & 37 \\   
## 20 & 5 & M & NO & WHITE & 70 \\   
## \hline  
## \end{tabular}  
## \end{table}