Test\_class

## 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.

## Using Kable to make a nice table

This table was produced using a code chunk.

library(knitr) #this package contains the kable() function  
  
#creating vectors for my data frame  
Variable = c("Speed", "Distance")  
Mean = c(mean(cars$speed), mean(cars$dist))  
  
#joining vectors into a dataframe  
  
df = cbind.data.frame(Variable, Mean)  
  
kable(df, digits = 0)

|  |  |
| --- | --- |
| Variable | Mean |
| Speed | 15 |
| Distance | 43 |

library(flextable)

## Warning: package 'flextable' was built under R version 4.0.5

ft = flextable(df)  
ft

| Variable | Mean |
| --- | --- |
| Speed | 15.40 |
| Distance | 42.98 |

class(ft)

## [1] "flextable"

italic(ft, i = 1)

| Variable | Mean |
| --- | --- |
| *Speed* | *15.40* |
| Distance | 42.98 |

ft2 <- italic(ft, j = 2)  
color(ft2, ~ Mean > 40, ~ Mean, color = "red2")

| Variable | Mean |
| --- | --- |
| Speed | *15.40* |
| Distance | *42.98* |

## New themes

theme\_booktabs(ft2)

| Variable | Mean |
| --- | --- |
| Speed | *15.40* |
| Distance | *42.98* |

theme\_tron\_legacy(ft2)

| **Variable** | **Mean** |
| --- | --- |
| Speed | *15.40* |
| Distance | *42.98* |