

13_4_TwoWay_ANOVA

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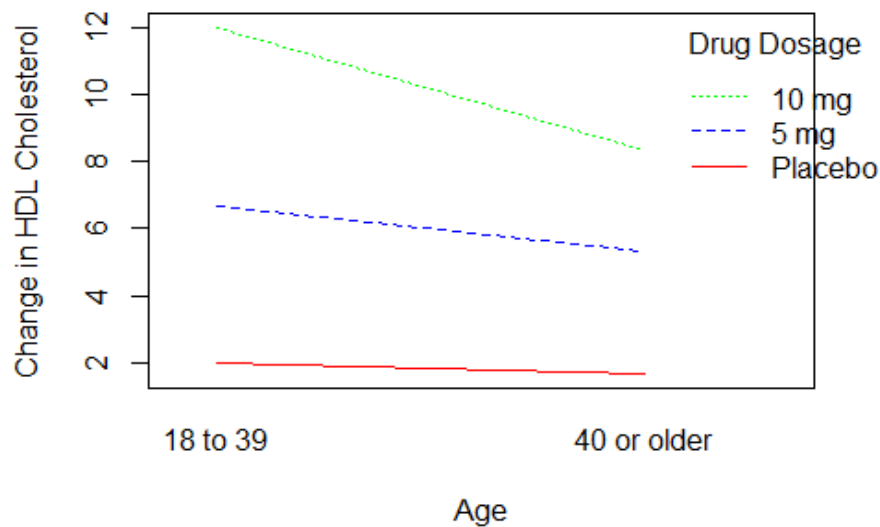
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```
Table13 <-  
read.csv("https://sullystats.github.io/Stats7e/Data/Ch13/Table13.csv")  
head(Table13)
```

```
##      Age      Drug HDL  
## 1 18 to 39 Placebo  4  
## 2 18 to 39 Placebo  3  
## 3 18 to 39 Placebo -1  
## 4 18 to 39   5 mg  9  
## 5 18 to 39   5 mg  5  
## 6 18 to 39   5 mg  6
```

To draw an interaction plot with Age as the horizontal axis factor, Drug as the trace-factor, and HDL as the response variable, use the following code:

```
interaction.plot(Table13$Age, Table13$Drug, Table13$HDL, xlab = "Age", ylab =  
"Change in HDL Cholesterol", trace.label="Drug  
Dosage", col=c("green", "blue", "red"))
```



Notice we added x-labels and y-labels along with a color option.