

Lab2-413Practice

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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>.

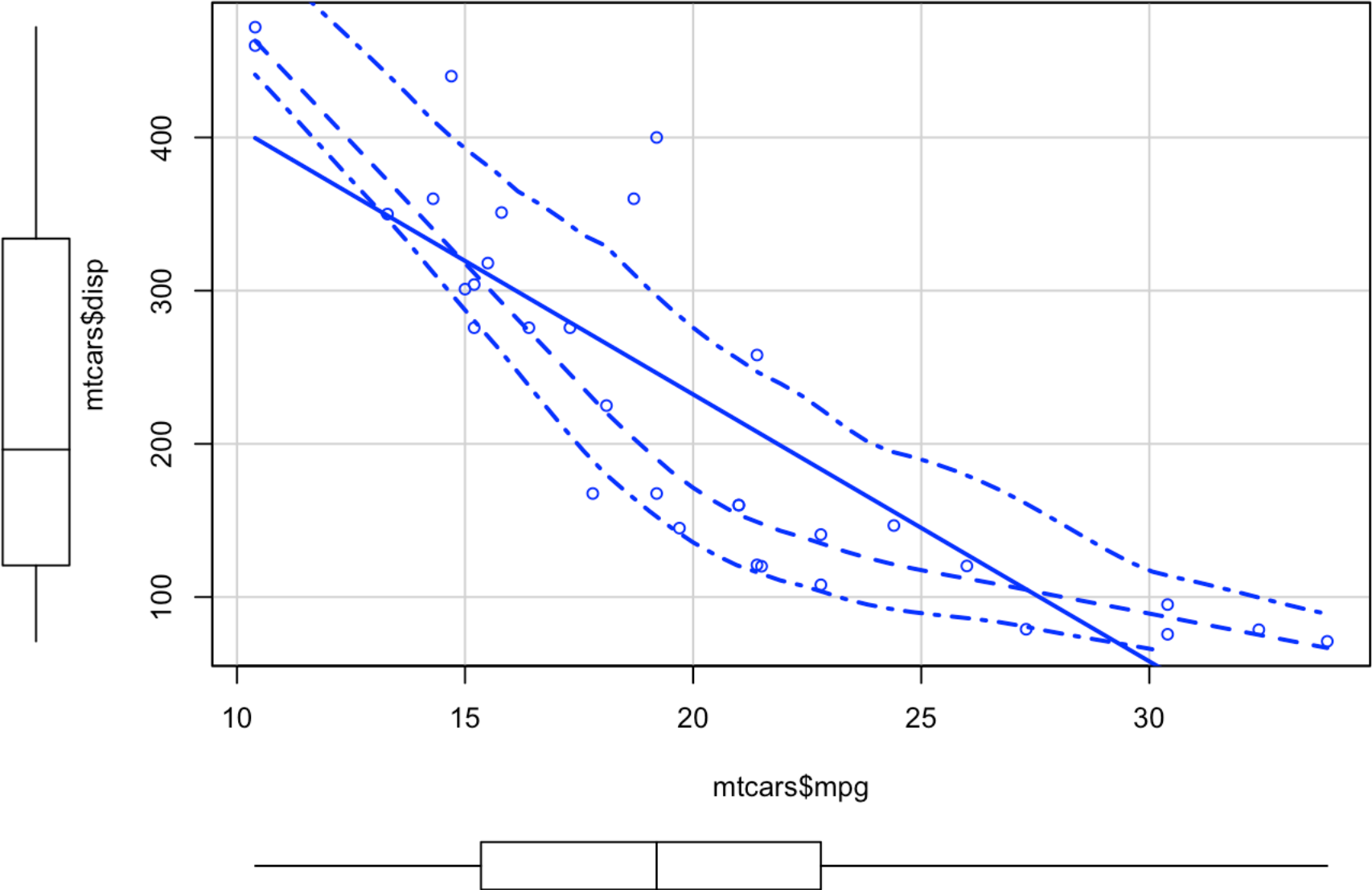
When you click the **Knit** button a document will be generated that includes both content as well as the output of any embedded R code chunks within the document. You can embed an R code chunk like this:

```
library(car)

## Loading required package: carData

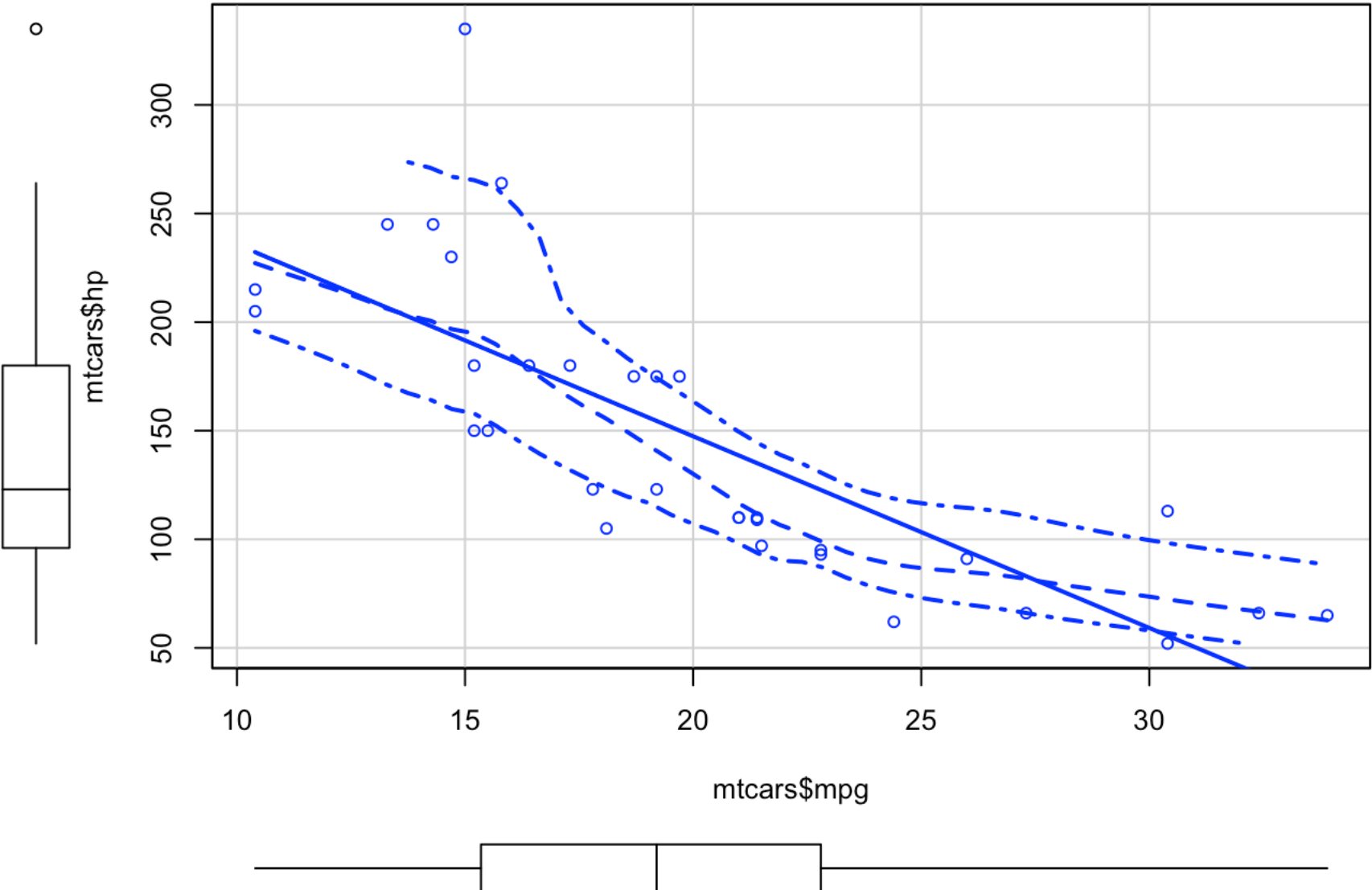
#library(mtcars)
#summary(mtcars)

# 1.) Create three scatterplots
scatterplot(mtcars$mpg, mtcars$disp)
```



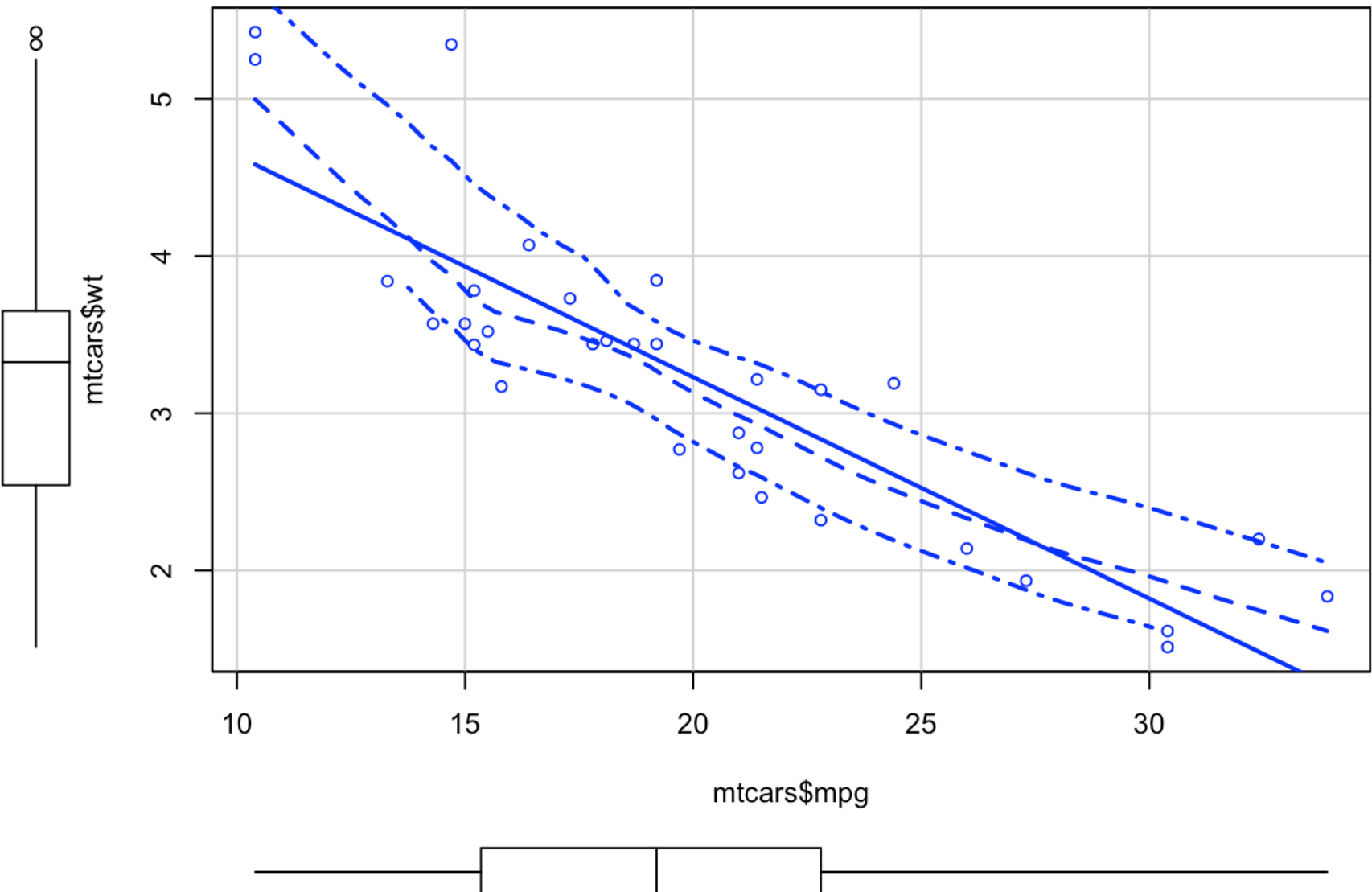
```
#abline(lm(mtcars$mpg~mtcars$disp), col="red") # regression line (y~x)

scatterplot(mtcars$mpg, mtcars$hp)
```



```
#abline(lm(mtcars$mpg~mtcars$hp), col="green") # regression line (y~x)

scatterplot(mtcars$mpg, mtcars$wt)
```



```
#abline(lm(mtcars$mpg~mtcars$wt), col="blue") # regression line (y~x)
# 2.) Which variable will be the best predictor of car mileage, why?
```