600\_01\_Quarto

TK

# mtCars

## Correlation for number of cylinder 4 and for vs: 0!

Correlation between drat and wt:

library(ggplot2)  
library(tidyverse)  
  
mtcars %>%  
 filter(cyl == params$cyl) %>%  
ggplot(aes(drat, wt)) +   
 geom\_point() +   
 geom\_smooth(method = "loess")

|  |
| --- |
| Figure 1 |

## Table

correl <- cor(mtcars$wt, mtcars$drat)

The correlation between wt and drat is for vs -0.7124406.

And the table between *cyl* and *drat*:

df <- mtcars %>%  
 filter (vs == params$vs)   
  
table(df$cyl, df$drat)

2.76 2.93 3 3.07 3.08 3.15 3.21 3.23 3.54 3.62 3.73 3.9 4.22 4.43  
 4 0 0 0 0 0 0 0 0 0 0 0 0 0 1  
 6 0 0 0 0 0 0 0 0 0 1 0 2 0 0  
 8 1 1 1 3 1 2 1 1 1 0 1 0 1 0

## Adding additional table with gt()

# install.packages("gt")  
library(gt)  
  
table\_1 <- mtcars %>%  
 head(5) %>%   
 gt()  
  
  
print(table\_1)

mpg

cyl

disp

hp

drat

wt

qsec

vs

am

gear

carb

21.0

6

160

110

3.90

2.620

16.46

0

1

4

4

21.0

6

160

110

3.90

2.875

17.02

0

1

4

4

22.8

4

108

93

3.85

2.320

18.61

1

1

4

1

21.4

6

258

110

3.08

3.215

19.44

1

0

3

1

18.7

8

360

175

3.15

3.440

17.02

0

0

3

2