Outputs:

1. Pearson's product-moment correlation

data: my\_data$drat and my\_data$qsec

t = 0.50164, df = 30, p-value = 0.6196

alternative hypothesis: true correlation is not equal to 0

95 percent confidence interval:

-0.265947 0.426340

sample estimates:

cor

0.09120476

2. Pearson's product-moment correlation

data: my\_data$hp and my\_data$gear

t = -0.69402, df = 30, p-value = 0.493

alternative hypothesis: true correlation is not equal to 0

95 percent confidence interval:

-0.4544774 0.2332119

sample estimates:

cor

-0.1257043

3. Pearson's product-moment correlation

data: my\_data$gear and my\_data$carb

t = 1.5609, df = 30, p-value = 0.129

alternative hypothesis: true correlation is not equal to 0

95 percent confidence interval:

-0.08250603 0.56844218

sample estimates:

cor

0.2740728

4. Pearson's product-moment correlation

data: my\_data$disp and my\_data$wt

t = 10.576, df = 30, p-value = 1.222e-11

alternative hypothesis: true correlation is not equal to 0

95 percent confidence interval:

0.7811586 0.9442902

sample estimates:

cor

0.8879799

5. Pearson's product-moment correlation

data: my\_data$mpg and my\_data$disp

t = -8.7472, df = 30, p-value = 9.38e-10

alternative hypothesis: true correlation is not equal to 0

95 percent confidence interval:

-0.9233594 -0.7081376

sample estimates:

cor

-0.8475514