

**Please refer to the R output in Homework 0 (Page 102, Problem 3.6) and answer the following questions.**

You could also refer to the R output in the HW0 solution here:

Rstudio.cloud → R code shown in class → Files → Example Homework 0 Try R markdown.pdf

**Question 1.** Does the data provide sufficient evidence to indicate that  $x$  and  $y$  are significantly related? Use  $\alpha = 0.05$ . Please use **both** critical value method and p-value method for this question.

**Question 2.** Find a 95% confidence interval for the slope,  $\beta_1$ , on the printout. Interpret the result practically.

**Instruction:** Please complete the quick quiz on a piece of paper. Then take a picture and submit to Blackboard → Work Submission.