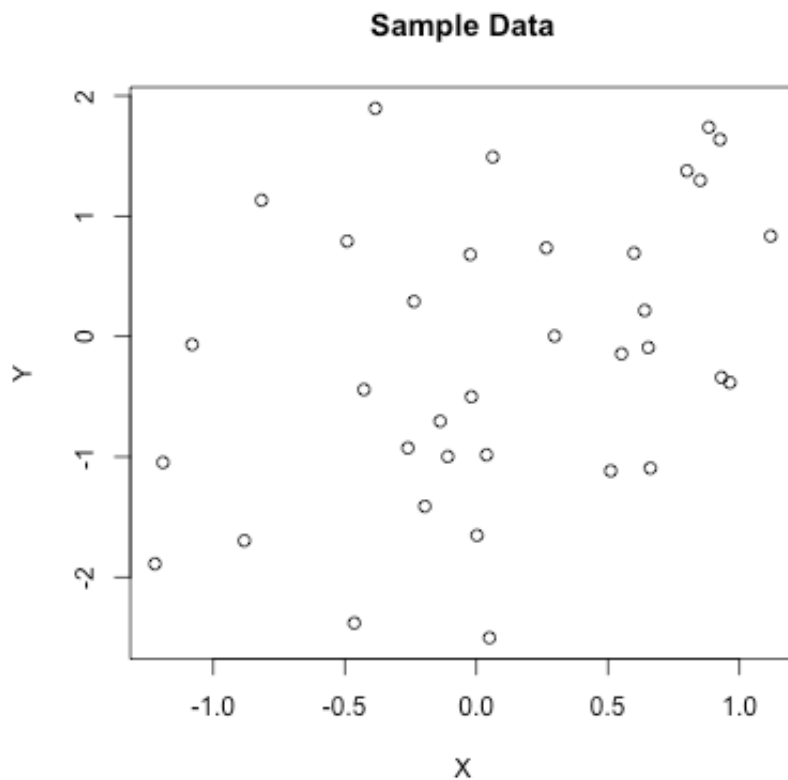


P-value Practice (Totally optional-doesn't count toward grade)

The due date for this quiz is Sun 17 Mar 2013 8:00 AM PDT.

Question 1

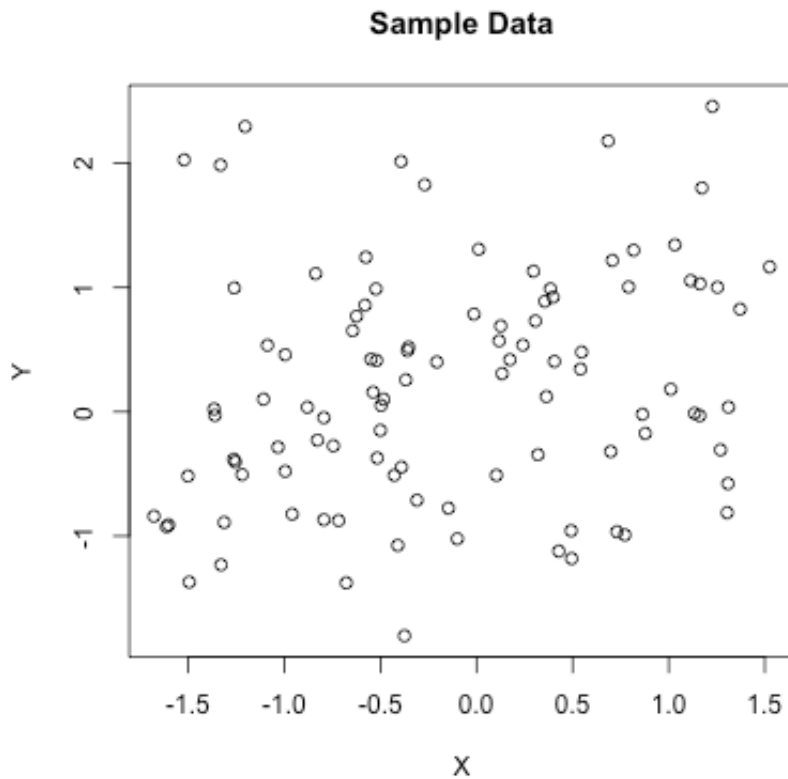
Suppose you fit a linear model relating the two variables displayed in the plot below. Would the P-value for the regression coefficient be significant at the 0.05 level (P less than 0.05)?



- ☐ The P-value is greater than 0.05 and not significant.
- ☐ The P-value is less than 0.05 and is significant.

Question 2

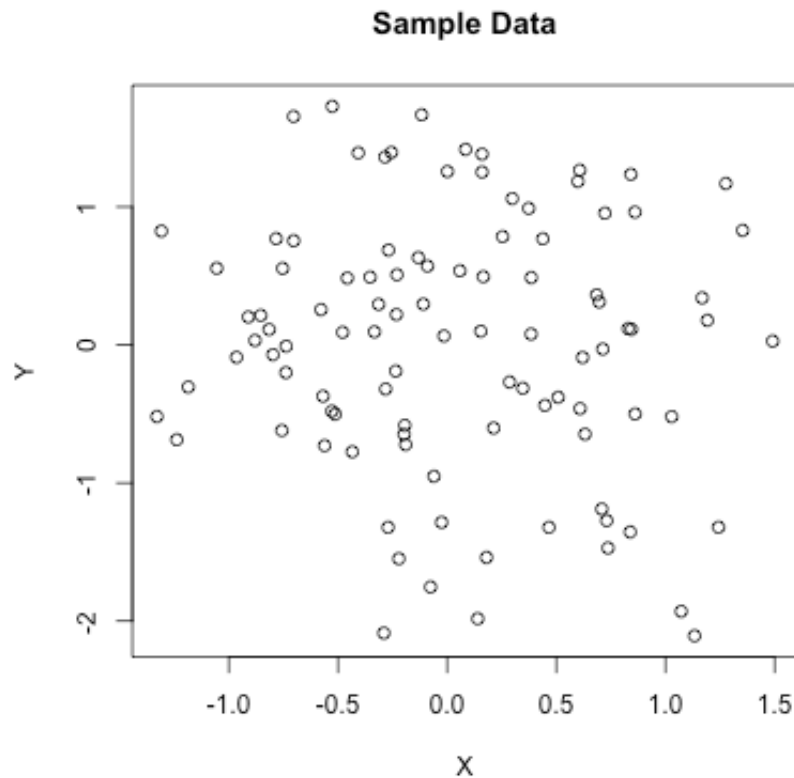
Suppose you fit a linear model relating the two variables displayed in the plot below. Would the P-value for the regression coefficient be significant at the 0.05 level (P less than 0.05)?



- ☐ The P-value is greater than 0.05 and not significant.
- ☐ The P-value is less than 0.05 and is significant.

Question 3

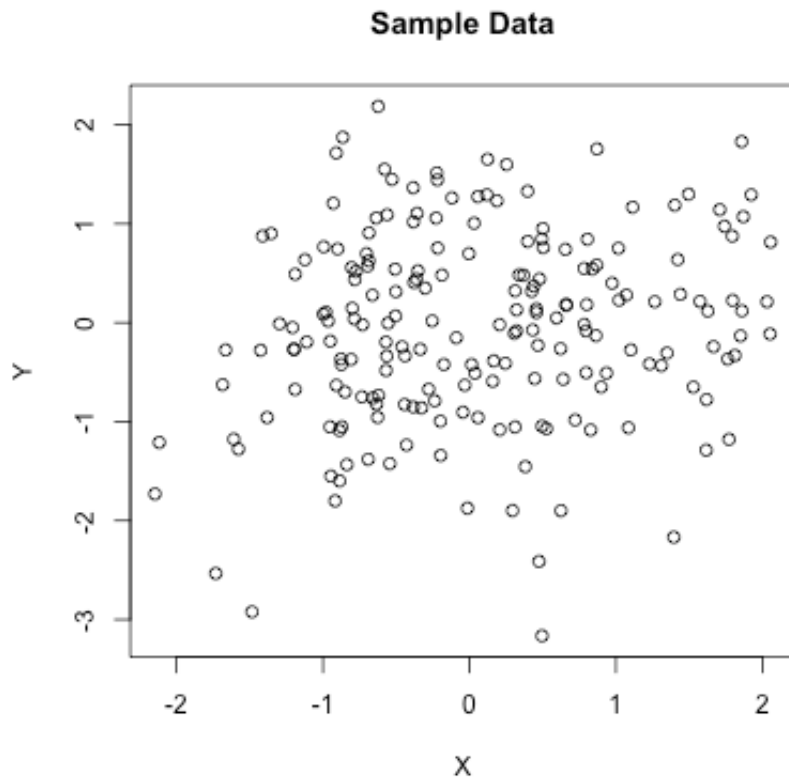
Suppose you fit a linear model relating the two variables displayed in the plot below. Would the P-value for the regression coefficient be significant at the 0.05 level (P less than 0.05)?



- ☐ The P-value is less than 0.05 and is significant.
- ☐ The P-value is greater than 0.05 and not significant.

Question 4

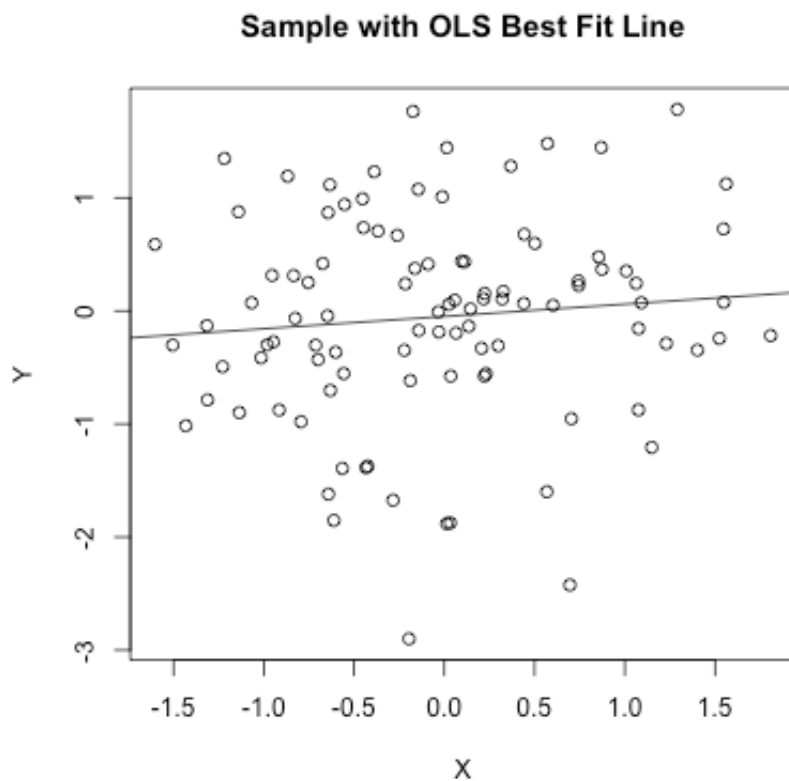
Suppose you fit a linear model relating the two variables displayed in the plot below. Would the P-value for the regression coefficient be significant at the 0.05 level (P less than 0.05)?



- ☐ The P-value is greater than 0.05 and not significant.
- ☐ The P-value is less than 0.05 and is significant.

Question 5

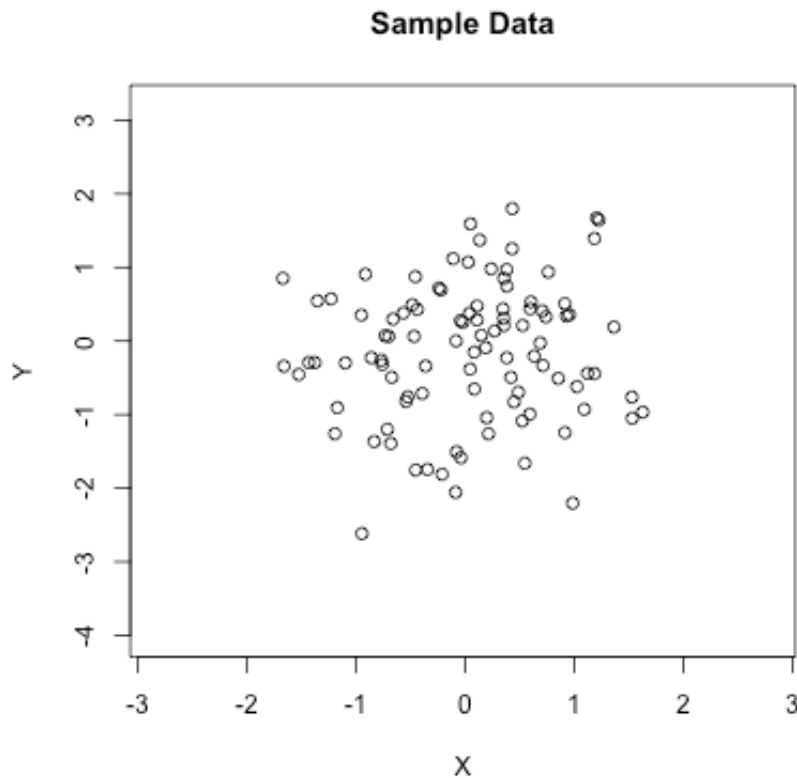
Suppose you fit a linear model relating the two variables displayed in the plot below. Would the P-value for the regression coefficient be significant at the 0.05 level (P less than 0.05)?



- ☐ The P-value is greater than 0.05 and not significant.
- ☐ The P-value is less than 0.05 and is significant.

Question 6

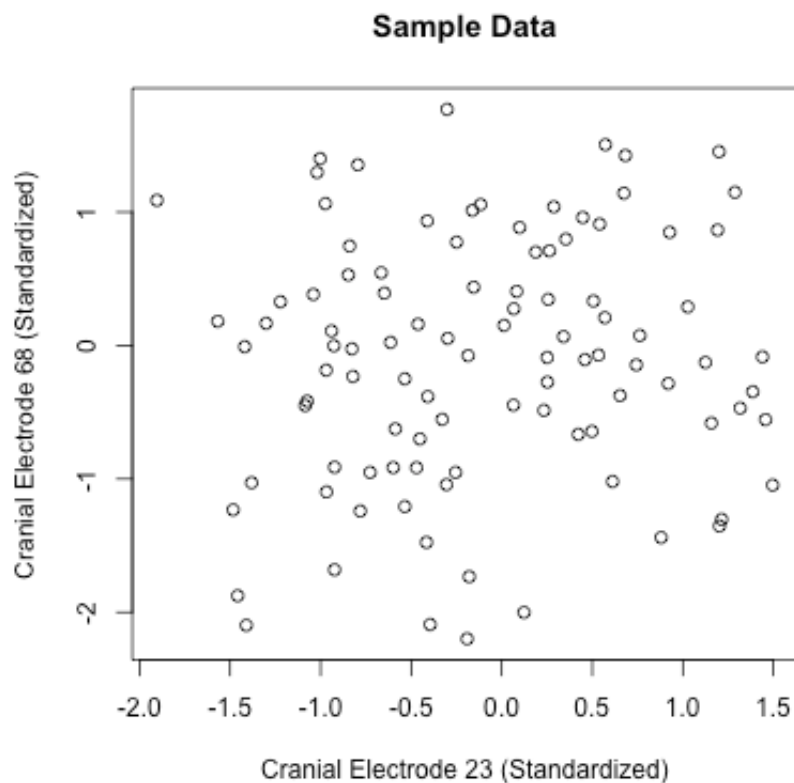
Suppose you fit a linear model relating the two variables displayed in the plot below. Would the P-value for the regression coefficient be significant at the 0.05 level (P less than 0.05)?



- ☐ The P-value is less than 0.05 and is significant.
- ☐ The P-value is greater than 0.05 and not significant.

Question 7

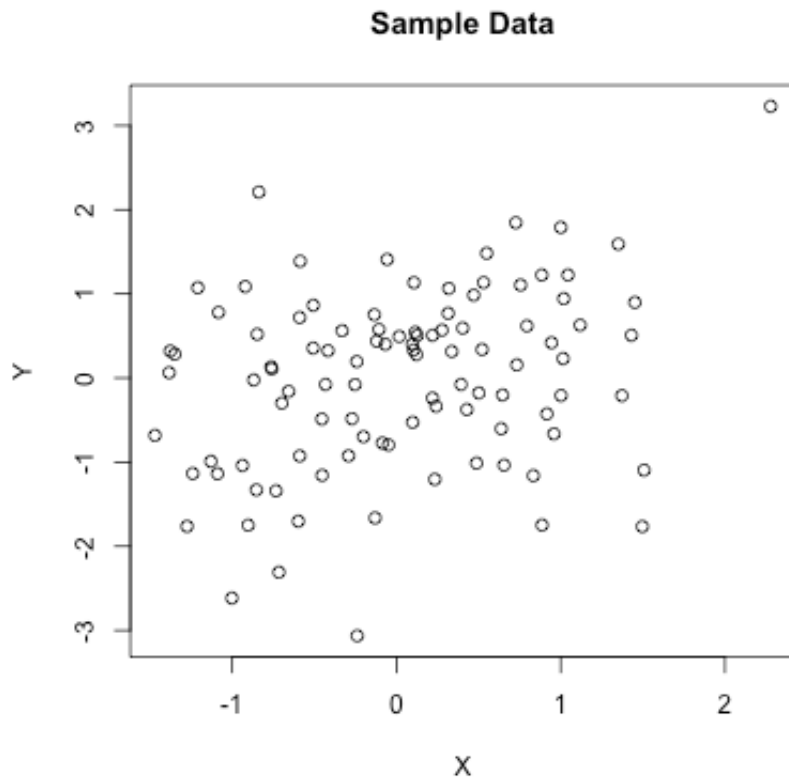
Suppose you fit a linear model relating the two variables displayed in the plot below. Would the P-value for the regression coefficient be significant at the 0.05 level (P less than 0.05)?



- ☐ The P-value is less than 0.05 and is significant.
- ☐ The P-value is greater than 0.05 and not significant.

Question 8

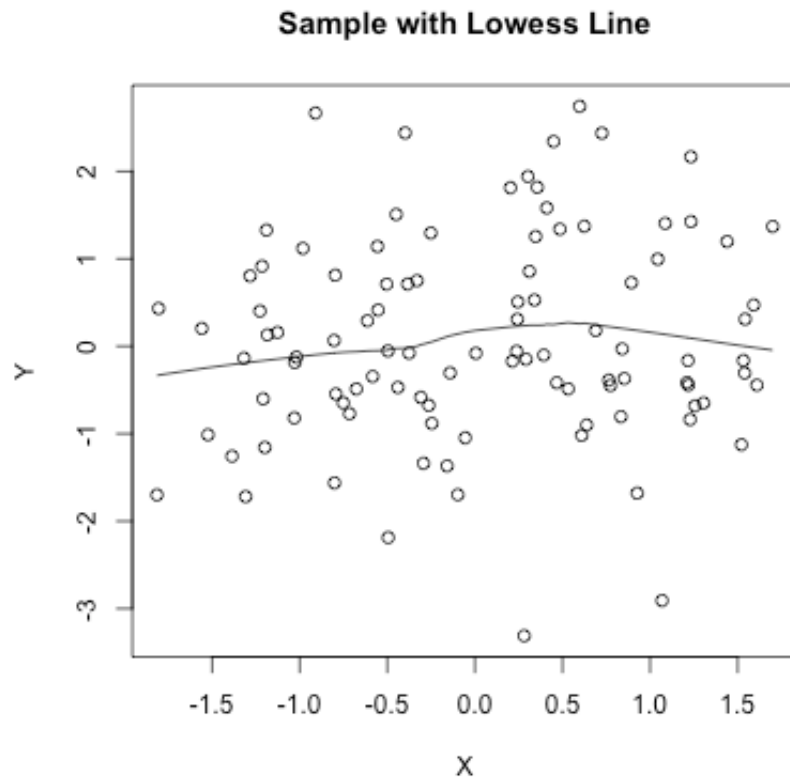
Suppose you fit a linear model relating the two variables displayed in the plot below. Would the P-value for the regression coefficient be significant at the 0.05 level (P less than 0.05)?



- ☐ The P-value is greater than 0.05 and not significant.
- ☐ The P-value is less than 0.05 and is significant.

Question 9

Suppose you fit a linear model relating the two variables displayed in the plot below. Would the P-value for the regression coefficient be significant at the 0.05 level (P less than 0.05)?



- ☐ The P-value is less than 0.05 and is significant.
- ☐ The P-value is greater than 0.05 and not significant.

☐ In accordance with the Honor Code, I certify that my answers here are my own work.

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