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TO PASS 80% or higher

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Question 2.07

TOTAL POINTS 1

1. Which one of the following statements is true?

1 / 1 point

- ☒ A Pearson correlation coefficient is a measure of linear association.
- ☐ A nonsignificant p -value for a Pearson correlation means no relationship.
- ☐ A negative Pearson correlation indicates a low degree of linear association.
- ☐ A random scatter of data implies a negative correlation.



Correct

The Pearson correlation statistic is a measure of the linear relationship, or association, between two continuous variables. The closer the value is to -1, the stronger the negative linear relationship is between the two variables. The closer the value is to 0, the weaker the linear relationship. A correlation coefficient of 0 means that no linear relationship or association exists between the two variables.