

## 12.4E: Testing the Significance of the Correlation Coefficient (Exercises)

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### ? Exercise 12.4E. 5

When testing the significance of the correlation coefficient, what is the null hypothesis?

### ? Exercise 12.4E. 6

When testing the significance of the correlation coefficient, what is the alternative hypothesis?

**Answer**

$$H_a : \rho \neq 0$$

### ? Exercise 12.4E. 7

If the level of significance is 0.05 and the  $p$ -value is 0.04, what conclusion can you draw?

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