

Congratulations! You passed!

TO PASS 80% or higher

Keep Learning

GRADE
100%

Question 1.03

TOTAL POINTS 6

1. A Type I error occurs if you do which of the following?

1 / 1 point

- ☐ fail to reject the null hypothesis when it is false
- ☒ reject the null hypothesis when it is true



Correct

2. A Type II error occurs if you do which of the following?

1 / 1 point

- ☒ fail to reject the null hypothesis when it is false
- ☐ reject the null hypothesis when it is true



Correct

3. Alpha is which of the following?

1 / 1 point

- ☐ The probability that you correctly reject the null hypothesis.
- ☒ The probability of committing a Type I error.



Correct

4. Power is which of the following?

1 / 1 point

- ☒ The probability that you correctly reject the null hypothesis.
- ☐ The probability of committing a Type I error.

 Correct

5. Sample size influence refers to which of the following?

1 / 1 point

- ☒ The effect of the number of trials on the p -value.
- ☐ The difference between the observed statistic and the hypothesized value.

 Correct

6. Effect size refers to which of the following?

1 / 1 point

- ☐ The effect of the number of trials on the p -value.
- ☒ The difference between the observed statistic and the hypothesized value.

 Correct