

Article: Customer Weight and Salesperson Response

Topics: Effect Size; Power

Practice Items:

1. What are the independent and dependent variables in this study?
2. Why do you think the authors noted the difference in mean time was statistically significant?
3. Assume the standard deviation for time was 20 seconds. Compute an effect size and explain what it means.
4. Power for this independent t-test was .99. To achieve power of .80, could fewer subjects have been used? Explain.