

Article: Communication in Relationships

Topic: Inferential Test: Independent t-test

Practice Items:

1. How many independent t-tests were conducted by the authors?
2. What is the level of measurement for the dependent variable(s)? What inferential test would you suggest be used?
3. To keep the experimentwise alpha at .05, what alpha should each p value be compared to?
4. Testing each t statistic at .01, how many of the results from the independent t-tests can be considered statistically significant? Use your t-table. Explain the finding(s) in words.
5. For the arm around the shoulder item, determine the effect size and explain what your findings mean.