

Article: Perception of Risky Driving Behaviors

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)?
3. To keep the experimentwise alpha at .05, what alpha should each p value be compared to?
4. Keeping the experimentwise alpha at .05, how many of the results from the dependent t-tests can be considered statistically significant? Explain the finding(s) in words.
5. For each of the tests you identified as statistically significant determine the effect size and explain what your findings mean.