**Test a Perceptual Phenomenon**

Questions For Investigation

1. What is our independent variable? What is our dependent variable?

**Answer:**

**Independent Variable:** The words used for performing the Stroop effect test.

**Dependent Variable:** The time taken to recognize the word’s color to complete the Stroop test.

2. What is an appropriate set of hypotheses for this task? What kind of statistical test do you expect to perform? Justify your choices.

**Answer:**

The P-Value is < .00001.  
  
The result is significant at p < .05.

Sources used - <https://faculty.washington.edu/chudler/java/strvote.html>

Udacity Lectures.

Google Sheets.

http://www.socscistatistics.com/pvalues/tdistribution.aspx