# **1) What is our independent variable? What is our dependent variable?**

The **independent variable** is the **kind of test performed on the participant** i.e. congruent or incongruent. The **dependent variable** is the **time taken to complete each test.**

# **2) Descriptive Statistics regarding the test**

**Means:**

Congruent: 14.051125

Incongruent: 22.015917

**Median:**

Congruent: 14.3565

Incongruent: 21.0175

# **3) Data visualizations**

For data visualizations and observations, please refer to the ipython notebook.

The data has been depicted in 3 ways:

1. Histograms
2. Scatter Plots
3. Regression lines