All the data used for different tests might have been loaded from different files. These files were created manually. Some required transposing, while others required segregating data based on operators into different files. The code already includes the correct path for each test, so no modification to the path is necessary.

**Data Paths:**

Collected Raw Data Path: Data/Collected Data/\*

Compiled Full Data: Data/fulldata.csv

Transposed Compiled Full Data: Data/transposedata.csv

Only Accuracy data: Data/accuracy.csv

Only Response Time data: Data/response.csv

Individual Operators Normal and Transposed Data: Data/individualopdata/\*

**Statistics Analysis:**  
For Descriptive Analysis:

1. Please refer to the code file named **DescriptiveAnalysis.quorum**
2. Mean, Standard Deviance, and Variance are calculated using this code.

For One Way ANOVA:

1. Please refer to the code file named **oneWayANOVA.quorum**
2. One way ANOVA for each AND, OR, XOR, NOT, Left shift and Right shift operators is tested using this code.

For Boxplots:

1. Please refer to the code file named **Boxplot.quorum**
2. Every boxplot was created using the code inside. We need to manually comment out the last lines for which boxplot is needed since multiple boxplots are not displayed simultaneously with quorum.

For Tukey’s HSD Multiple Comparison Test:

1. Please refer to the code file named **Tukey’s HSD Multiple Comparison Test.quorum**
2. Tukey’s HSD Multiple Comparison for each AND, OR, XOR, NOT, Left shift and Right shift operators is tested using this code.