**Data Analysis (Sample Result**)

**Null Hypothesis:** There is no difference between the means of the 2 groups, the 2 group samples come from the same population

**Alternative Hypothesis:** There is a difference between the means of the 2 groups, 2 groups samples come from a different population

Use a Student-T test (type is placed here). The assumption of equal variance was met as shown by the F-test

F Test probability =

Student-T probability =

If the probability is less than .05 this means that the probability of selecting the alternative hypothesis when the null hypothesis should really be supported is very low. This indicates that there is a statistically significant difference between the means of the 2 groups.