**Data Analysis (Sample Result)**

**Null Hypothesis**: There are no statistical differences among (Treatments), the samples come from the same population

**Alternative Hypothesis**: There are statistical differences among the (treatments), the samples come from a different population

Use a single factor 1- Way Analysis of Variance Test (ANOVA). The assumption of equal variance was met by testing using an F-Maximum test

|  |  |
| --- | --- |
| Treatment | F-Test Prob |
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|  |  |
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Results of ANOVA tests

|  |  |  |  |
| --- | --- | --- | --- |
|  |  |  |  |
| P value |  |  |  |
| Accept or Reject |  |  |  |

If the probability is less than 0.05 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 among the treatments.