Assignments for session on "Non-Linear Models"

a. What are the assumptions of ANOVA, test it out?

Follwing assumptions are made for using the ANOVA test

Validating the Skewness or kurtosis and variances library(psych) describe(yeastdata)

Validating the outliers boxplot(yeastdata)

b. Why ANOVA test? Is there any other way to answer the above question?

Well, ANOVA test ensures uniform treatment to the whole set of data for chosen level of significance and minimizes the risk of Type 1 error.

Regression analysis is the another method which could be deployed for the above question.