a. Perform ANOVA test on the discriminant analysis scores of nuclear localization signals of both nuclear and non-nuclear proteins by class variables (Target).

Solution

Ho = There is no relationship between the discriminant analysis scores of nuclear localization signals of both nuclear and non-nuclear proteins

H1 = There is a relationship between the discriminant analysis scores of nuclear localization signals of both nuclear and non-nuclear proteins

Findings

Based on the p-Value, We fail to reject the null hypothesis and conclude that there is no relationship between the discriminant analysis scores of nuclear localization signals of both nuclear and non-nuclear proteins

b. ERL is significantly different from the other classes

