EXERCISES OF T TEST AND ANOVA

1. Open iris data set in R and summarize variables.

2. Visualize the numerical variables by using histograms and interpret the results.

3. Test normality of the variables.

4. Draw density curves of the variable Sepal Width for three groups of Species.

5. Apply two sample t-test to compare groups in terms of Sepal width. Do not forget to test the assumptions.

6. Apply ANOVA to analyze the relationship between Sepal width and Species .

7. Visualize the Distribution of Sepal Width across groups of Species using boxplot.

8. Apply múltiple comparisons tests.