

This document outlines the steps to replicate the results reported in the coursework.

Installation Steps:

Close the repository:

Install Dependencies located in requirements.pdf

The datasets are provided in the project, under ISE/lab2/datasets.

Replication Steps:

- python baselineResults.py will run the baseline code and store the results in a csv file 'baseline_results.csv'. Alternatively, this file is already included within the project.
- python forestResultstoCSV.py will do the same but with the random forest code. Alternatively, the results can be found at 'rf_results.csv'.
- Run shapiro.py to perform the shapiro-wilk test to verify whether the results are normalised or not.
- Due to this result, run statisticalAnalysis.py which computes Wilcoxon and Cliff's Delta.
- Run average.py to gain the median and 10% trimmed mean of the csv files.