

EE6022 Assignment 1 (10%)

Using two text files, `i.dat` and `g.dat`, containing sample scores for impostors and genuine users respectively, complete the following tasks

- ~~1. Plot the score distributions for both groups~~
- ~~2. Compute and plot the resulting DET curve~~
- ~~3. Determine the EER~~
- ~~4. If the cost of a false accept is CFA euro and a false reject is CFR euro, estimate a suitable operating point on the DET curve that minimizes the overall cost. Assume equal apriori probabilities.~~

Score samples range from 0 to 1. To obtain the score files and cost values, please email lecturer (Richard.conway@ul.ie) to request data. Note that each person will receive a different set of files and different values for CFA & CFR.

Deliverables:

Single Word (or pdf) file with

- Plots and answers
- Brief description of how each task was completed
- Code used

Submission Details

Submit your file using **Sulis before 5.00pm Friday week 7**. Late submissions lose a quarter of total marks per day.