

Bug Prediction

Please submit this exercise to the git repository before 10h15, November 15, 2016.

Exercise 1:

Source code metrics and change metrics are two different categories. The former represents the size / complexity of the code and the later represents the evolution of the software. The predictive power of these metrics is different and we would like to know which category is better at bug prediction.

Using Weka experimenter, compare the two categories of metrics using Support Vector Machines (called SMOreg in Weka) and Feed Forward Neural Networks (called Multilayer Perceptron in Weka).

[This](#) file has the change metrics of Lucene and [this](#) file has the source code metrics of Lucene.

You have to submit the results of your experiment and also configuration file of your experiment so we can reproduce your results.