Reviewer’s report

Title: Predicting Disease Risks from Highly Unbalanced Data using Random Forest

Version: 3 Date: 10 April 2011

Reviewer: Sotiris B Kotsiantis

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Minor Essential Revisions

Random Forest is a combining technique. The authors compared the proposed algorithm with a single learner - SVM. The authors should compare their algorithm with at least one combining technique that handle imbalance datasets such as Metacost or other.

Level of interest: An article of importance in its field

Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:

I declare that I have no competing interests