Review of: "FLAML-Boosted XGBoost Model for Autism Diagnosis: A Comprehensive Performance Evaluation"

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Potential competing interests: No potential competing interests to declare.

The work done seems to be a good effort to predict Autism using machine learning models. However the author should have explored more baseline models using Decision trees, Random Forests and Adaptive boosting Algorithm. Adaptive boosting algorithm by itself could have been used along with xgboost with and without Flaml for hyperparameter tuning so as to tabulate the comparisons.

Also tabulation of Recall, Precision, Specificity and F1 Score along with the ROC discussion should have been emphasized to support the comprehensive performance evaluation in Autism Diagnosis.

Lastly the Dataset is not been discussed well.

I would suggest the author to fill in many missing information so as to justify the work that is been carried out here.