

# 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.

**Title of the Paper:** FLAML-Boosted XGBoost Model for Autism Diagnosis: A Comprehensive Performance Evaluation

## Reviewers Comments:

The authors of this work apply automated machine learning (AutoML) approaches to solve the difficulty of unbalanced categorization in autism diagnosis.

1. Rewrite the abstract. Typically, an abstract will include the following.

- \* A quick overview of the subject under investigation.
- \* Explain why the issue is relevant to your field/s.
- \* A statement describing the research gap.
- \* Your research goal(s).
- \* A description of your research methodology and strategy.
- \* A synopsis of your important results.
- \* Explain why your findings and core message are relevant to the field/s.

2. Introduction should be more precise.

3. Describe dataset using table includes all the attributes, size of the dataset, missing values details, testing set and training set details. it will be very useful to the readers.

4. Add more related works in literature review.

5. Present the performs evaluation in the form of tables.

6. Add future enhancement of your research work in conclusion part.