

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

Obvious Nchimunya Chilyabanyama

Potential competing interests: No potential competing interests to declare.

The Idea of using FLAML-Boosted XgBoost model is a good one and scientifically sounds. However I noted a few things

1. The authors are not clear whether this article is about autism or FLAML-
2. There is little or no description of the data
3. In the introduction the burden of Autism is not explicitly mentioned
4. There is need to compare a try and error XG Boost model vs a FLAML optimised XGBoost model
5. Model performance must be defined in relation to other models
6. There is need to revise the title
7. The authors must demonstrate understanding of the model being used and why it is important to analyse Autism data
8. There is need to make those major revisions
9. Can FLAML optimise other ML algorithms if so why on focus on XgBoost Model