

Review of: "A Simple Preprocessing Method Enhances Machine Learning Application to EEG Data for Differential Diagnosis of Autism"

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Potential competing interests: No potential competing interests to declare.

The article addresses the issue that is very important to distinguish between ASD and other Neuro-Psychiatric Disorders (NPD). Also, the method used to distinguish also seems to pick up patterns for better classification among variants of neuro disorders.

In this work, the samples taken from ASD and NPD are fine to make the model learn through training, but more samples are better to make the model a generalized model for better performance. Why precisely the KNN algorithm was chosen needs to be elaborated. And the comparison results with other works can be more validated if the features extracted using MST are also collaborated with other machine learning algorithms like SVM and artificial neural network models to prove the performance of the model is best fit for the motivation aimed at distinguishing ASD from NPD.