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

Vishnuvarthanan Govindaraj

Potential competing interests: No potential competing interests to declare.

The authors have presented a simplistic method to classify the EEG data so as to affirm autism in the patients in a real-world scenario, which can be appreciated and, however, garners attention among the researchers working in the contemporary.

A few of the concerns are:

1. There is a meager presence of grammatical and punctuation errors, which needs to be addressed for sure.
2. The Manhattan distance evaluation method is at the upper end when compared to other distance evaluation procedures such as Euclidean distance, Minkowski, etc. A justification is required in this regard.
3. For KNN, information on clusters and objective function explanations is missing, and it needs to be imperatively included.
4. State-of-the-art technique comparison should be improved.
5. Over- and under-fitting issues are to be explained in brief.
6. What about the computational cost?