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

Raman Sonia[1]

1 B.S. Abdur Rahman Crescent Institute of Science and Technology

The concepts and methodologies are really appreciable. Kindly incorporate the following suggestions in your manuscript

Comment 1 : Re-frame the 4th line in the abstract. (19 electrodes**of to the** international 10-20 system.)

Comment 2: The results obtained in this study suggest that,**thanks to the new pre-processing** method introduced (Thanks to the can be removed and the sentence needs to be re-framed accordingly)

Comment 3: Data abstraction and pre-processing techniques can be mentioned in the abstract

Comment 4: Rename the Training-Testing protocol as Training-testing phase.

Comment 5: Machine learning systems have been applied subsequently to build up a predictive model to distinguish between the two diagnostic classes.**(Make it more specific)**

Comment 6: multidimensional scaling from an N-dimensional to an L-dimensional space (Few more details can be added up to the multidimensional scaling with clarity).

Comment 7: Figure no. missing for Graphical abstract and Figure 1. not named, also below Table 2. (Table Legend- what does it mean)

Comment 8: Age range limit can be represented in a better way in Table 2.