

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

Achmad Rizal¹

¹ Telkom University

Potential competing interests: No potential competing interests to declare.

The ideas in this paper are very interesting and written clearly and concisely. Several things proposed to improve the readability of this paper include:

1. In the Introduction, the motivation for using MST for diagnosing autism was explained. Still, it was not explained how autism is seen from EEG signals and its relation to the topology of the electrodes.
2. The proposed method is not explained mathematically, even though a mathematical explanation will make it easier for readers to understand the proposed method.
3. Figure 2 and Figure 3 are not readable; the reader cannot see the MST calculation results displayed.
4. In the Training & Testing Protocol, ANN is explained, but what is shown in Table 1 is KNN. If using ANN and KNN, it is best to explain the parameters used, such as distance calculations and K values.