

# 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.

I have reviewed the manuscript titled "A Simple Preprocessing Method Enhances Machine Learning Application to EEG Data for Differential Diagnosis of Autism" and would like to provide the following feedback:

**Language Revision:** The manuscript requires thorough language editing to ensure clarity and accuracy. There are numerous instances where the English language usage needs improvement to enhance readability and comprehension.

**Concept Description:** Several critical details regarding the description of key concepts are lacking or unclear in the manuscript. It is essential to provide comprehensive explanations of the theoretical framework and methodologies employed to facilitate better understanding for readers.

**Argument Reinforcement:** The arguments presented in the manuscript would benefit from additional citations to support the claims made. Strengthening the literature review with relevant references will enhance the credibility and validity of the research findings.

**Manuscript Improvement:** While the proposed method appears to be novel and effective, the manuscript itself requires significant improvement to be considered seriously by the scientific community. Enhancements in clarity, organization, and presentation of results are necessary to meet the standards of scholarly publications.

I have also provided specific comments on particular sections of the manuscript in the supplementary material for the authors' reference.

Thank you for considering my feedback.

Sincerely,

Ricardo Antonio Salido Ruiz