

Review of: "EEG-based Emotion Classification using Deep Learning: Approaches, Trends and Bibliometrics"

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Potential competing interests: No potential competing interests to declare.

This paper presents a survey publication of EEG-based emotion classification using deep learning. The authors claimed to address five keys about the research trend and the emerging theme, as well as the comprehensive study of related works. They conducted a bibliometric analysis of 440 papers from the Scopus database. The bibliometric analysis relied on keyword analysis; however, the selection criteria for these keywords were not disclosed.

The Results section displayed a series of visualizations depending on analyzed factors. However, they could not address the questions claimed by the authors. The in-depth comparative study was not provided in the manuscript.

In my review, I prioritized evaluating the manuscript's complexities of EEG-based emotion classification. Unfortunately, the manuscript lacked evidence or discussion regarding a deep understanding of this issue.

My initial evaluation of the manuscript placed it in a low range. Further clarification on deeper understanding and comparative studies would help me solidify a final score.