

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 reviews many representative works of machine learning approaches for EEG-based emotion classification, including traditional machine learning, deep learning, and multi-modal learning. Bibliometric analysis of 440 articles from the Scopus database was performed. This paper provides a systematic view for readers to understand the current state and future trends of the field. Below are a few suggestions.

1. More practical challenges in EEG-based emotion recognition and detailed future research directions can be discussed.
2. In Figure 4, the difference between the colors of different intervals can be larger to help the reader know the scientific production of each country more intuitively.
3. There are some grammatical errors to be corrected, e.g., '... a China is the major.'