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.

"EEG-based Emotion Classification using Deep Learning: Approaches, Trends and Bibliometrics" presents a comprehensive exploration into the intersection of EEG data analysis, deep learning techniques, and emotion classification. While the paper offers valuable insights into the evolving landscape of emotion recognition, there are areas where it could benefit from further development.

- Firstly, elaboration on the technical hurdles and current limitations in these areas would strengthen the analysis, including issues related to data quality, interpretability of deep learning models, and potential biases. This could provide researchers with a clearer understanding of the practical gaps that need to be addressed for wider adoption of EEG-based emotion classification.
- Additionally, while the bibliometric analysis offers a useful perspective on the research landscape, a deeper exploration of the implications of these trends on future directions and potential advancements would enrich the discussion.
- The paper could further strengthen its analysis by discussing techniques that have demonstrated superior performance in EEG-based emotion classification. This addition would provide valuable insights into the comparative effectiveness of different methodologies, aiding researchers in selecting the most promising approaches for their own investigations.

Overall, by addressing these aspects, the paper could offer a more robust foundation for researchers and practitioners engaged in EEG-based emotion classification using deep learning techniques.