

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.

The paper provides a comprehensive overview of emotion classification research, particularly focusing on EEG-based approaches and deep learning techniques. The authors effectively utilize bibliometric analysis to identify trends, prominent authors, and influential sources in the field. The review of relevant literature is insightful and highlights the potential applications of emotion classification in various domains. The paper offers a clear structure and effectively integrates figures to illustrate the findings.

Some potential improvements for the paper :

Discuss the limitations of EEG-based emotion classification, such as accuracy challenges and ethical considerations. Also, provide a more in-depth analysis of specific deep learning architectures used for emotion classification. It would be great to explore the potential biases and fairness issues associated with emotion classification algorithms and to highlight future research directions in emotion classification, beyond the areas mentioned in the paper.