

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.

Strengths:

- **Timely Topic:** The report focuses on emotion classification, a highly relevant and rapidly growing field with broad applications.
- **Solid Methodology:** Using a large dataset (440 articles) from Scopus for bibliometric analysis is a strong approach.
- **Valuable Findings:** Identifying the increasing trend in research activity and highlighting the need for standardized assessment methods are significant contributions.
- **Clear Applications:** Linking emotion classification research to potential benefits in healthcare, psychology, and social interaction demonstrates the real-world impact.

Areas for Improvement:

- **Deeper Analysis of Trends:** The report mentions an "unexpected trend" of rising research after 2018. Could you explore possible reasons behind this surge?
- **Specificity on Assessment Issues:** While the report identifies the lack of standardized assessment as a limitation, providing specific examples of inconsistencies or challenges would strengthen this point.

Additional Suggestions:

- Briefly discuss the different emotion classification approaches (text analysis, facial recognition, etc.) covered in the reviewed articles.