

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.

Overall, the article provides a comprehensive overview of the research landscape in emotion classification, leveraging bibliometric analysis to uncover trends, patterns, and influential contributors. Below are some review comments:

1. **Clarity and Structure:**

- The article is well-structured and logically organized, which makes it easy to follow the flow of ideas.
- Each section is clearly delineated, aiding in comprehension and navigation through the complex topic.

2. **Depth of Analysis:**

- The depth of analysis in exploring various aspects of emotion classification, including the use of EEG data and deep learning techniques, is commendable.
- The incorporation of comparative studies and review of recent DL techniques adds depth to the discussion, offering insights into methodological advancements.

3. **Coverage and Relevance:**

- The article covers a wide range of relevant topics within emotion classification, encompassing physiological signals, machine learning techniques, and practical applications.
- The inclusion of keyword analysis and examination of trending reviews enriches the understanding of current research themes and directions.

4. **Data Presentation:**

- The use of visual aids, such as figures and tables, enhances the presentation of data and facilitates interpretation.
- Figures depicting annual scientific production, top cited authors, and country-specific research output effectively convey key findings.

5. **Insights and Implications:**

- The article offers valuable insights into the evolution of emotion classification research, highlighting significant trends and contributions.
- The discussion on practical implications and future research directions adds depth to the analysis, guiding researchers,

policymakers, and practitioners in leveraging this knowledge.

In summary, the article offers a robust analysis of emotion classification research, shedding light on its evolution, trends, and implications. With some minor revisions for clarity and conciseness, it has the potential to make a valuable contribution to the academic discourse in this field.