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 study on emotion classification represents a significant contribution to the understanding of human behavior and mental health. The authors conducted a meticulous bibliometric analysis, drawing insights from a diverse range of articles spanning from the inception of the field to the present day. Their findings reveal a notable surge in research activity post-2018, underscoring the growing importance of emotions in various domains.

One of the key strengths of the study lies in its comprehensive approach, leveraging advanced bibliometric measures to unravel trends and patterns in emotion classification research. The identification of an unexpected increase in research output sheds light on the evolving landscape of this field and underscores its growing significance.

However, the authors aptly highlight the challenges associated with the lack of agreement on emotion categorization assessment approaches and standardization processes. This limitation underscores the need for collaborative efforts among researchers to establish common criteria and methodologies, facilitating comparability and reproducibility of findings.

The paper's aim to contribute to the development of policies aimed at improving overall health by leveraging insights from emotion classification research is commendable. By emphasizing the potential applications in psychological counseling and health promotion, the study underscores the practical implications of advancing our understanding of emotions.

Overall, the study represents a valuable contribution to the field of emotion classification research, providing important insights and highlighting avenues for future collaboration and standardization efforts.