Review of: "Deep Learning Modeling for Prediction of Cognitive Task Related Features from Resting-state fMRI Data"

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Potential competing interests: No potential competing interests to declare.

The introduction provides an extensive review of the existing literature but does not explicitly state the objective of the paper. Including a brief description of the work undertaken would be beneficial.

It would be advantageous to provide more detailed information about the performance metrics of Neural network models too.

Additionally, offering additional context on the limitations and future directions of the research would enhance the discussion section.

In conclusion, the article makes a valuable contribution to the field of neuroimaging research by demonstrating the potential of deep learning models to predict cognitive task-related features from rs-fMRI data. The authors' modifications to the cGCN model and the use of occlusion methods provide insights into the underlying brain regions and networks associated with cognitive abilities. The article is well-written, effectively conveying the research findings.