

Review of: "Academic Performance Prediction Based on Convolutional Neural Networks and IRT Parameters as RGB Images"

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Potential competing interests: No potential competing interests to declare.

The manuscript provides valuable insights, but some sections could benefit from greater clarity. For instance, simplifying complex terms and rephrasing lengthy sentences could improve readability, making the research more accessible to a broader audience.

The introduction does well in setting up the context of the study. However, a more detailed background on related studies would help readers understand the existing literature and how this research fills a specific gap.

The methodology section is generally well-structured, but it would be helpful to include additional details regarding the data collection process and any potential biases. This could enhance transparency and allow for a more robust interpretation of the results.

The data analysis appears thorough, though a clearer explanation of the statistical methods used and their rationale would improve comprehension. Adding a short discussion on the significance of certain statistical choices could add depth to this section.

The figures and tables effectively illustrate the findings, but some of them could benefit from improved labeling and legends. Providing more descriptive captions could also make these visual elements easier for readers to interpret independently.

The results are well-presented, but a stronger emphasis on their implications would be beneficial. Discussing how these results compare to similar studies or theoretical expectations could make the findings more impactful.