Review of: "Analyzing Students' Perceptions of Collaborative Tools for Automated Assessment of Programming Assignments in Distance Education"

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Potential competing interests: No potential competing interests to declare.

1. This study pioneers the integration of Mattermost and DSLab, promoting collaborative learning and unique engagement in online education.

2. The findings suggest a significant boost in student academic performance, showcasing the potential of integrated technologies to enhance online learning outcomes.

3. The study acknowledges a potential novelty effect influencing results, prompting a need for further investigation into the sustainability of positive outcomes over time.

4. While promising, the integration of Mattermost and DSLab faces technological challenges that need addressing for seamless functionality and optimal collaborative learning.