Review of: "Motivational Variables as Predictors of Academic Achievement Among University Students"

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Potential competing interests: No potential competing interests to declare.

The paper, titled "Motivational Variables as Predictors of Academic Achievement Among University Students," investigates the impact of motivational factors on academic performance in Chilean university students. Utilizing the Motivated Strategies for Learning Questionnaire (MSLQ) to assess various motivational dimensions, the study constructs a multiple regression model to identify predictors of academic achievement. Significant predictors found include self-efficacy, anxiety, and learning control beliefs, with the model explaining 30% of the variance in academic performance. The findings support the critical role of motivational factors in educational outcomes and suggest the MSLQ as a useful tool for identifying key motivational predictors of academic success.

The supplementary material provides a detailed overview of the Motivated Strategies for Learning Questionnaire (MSLQ) utilized in the study, presenting both the Spanish version used with the participants and the original English version. This appendix is essential for understanding the specific motivational and learning strategy variables measured in the research. It includes a wide range of questions aimed at assessing students' motivation towards their courses and their use of various learning strategies.

Summary:

The supplementary material offers a comprehensive view of the MSLQ, including questions on motivation and learning strategies, crucial for evaluating the variables influencing academic achievement among university students.

Strengths:

Provides a thorough understanding of the questionnaire's structure and content, enhancing the paper's transparency and reproducibility.

The inclusion of both the original English and the translated Spanish versions of the questionnaire ensures clarity on the measurement tools used.

Weaknesses:

The material itself does not present an analysis of the questionnaire's reliability and validity within the context of the study, which is crucial for assessing the robustness of the findings.

Minor Comments:

The document is well-organized, making it easy to navigate between the different sections of the questionnaire.

Recommendation:

The supplementary material effectively supports the main article by offering detailed insights into the measurement tools employed. It would be beneficial for the paper to include a discussion on the validation process of the questionnaire in the study's context to strengthen its methodological framework.