

# 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 selected and objective topic is of great interest and relevance. However, it is suggested that the authors organize the article's structure better. In the introduction, the relevance of the topic and the current state of the art should be outlined; in that case, the relevance of knowing the factors that motivate learning in university students and that could impact their academic performance, focusing only on one theory. In his story, he expresses the studies that have analyzed the problem; what is the gap in this topic?

It is also suggested to mention the original name of the Test from the beginning and then its acronym; later, mention only the acronym.

The objective should be at the end of the introduction, before the beginning of the methodology. In the methodology, incorporate the year in which data collection from university students was carried out, in which area of Chile, and if the questionnaire used is validated in Chile. Specify whether an informed consent was signed in the study and whether it has approval from the Ethics Committee.

Its analysis explores the correlation between the academic performance variables; here, its magnitude of association is indicated, not prediction as indicated, while in linear models, it can refer to prediction. Additionally, specify that they were only analyses of the test components, not independent variables. It would be essential to consider sex as a co-variable in the study.

The quality of the presentation of the results should be improved by integrating a descriptive table and, later, one with the developed analyses or graphs with the results.

Clarify that the results must be consistent with the objective and prioritize them.