Review of: "Influence of Motivation on Pre-service Primary Teachers' Performance in Mathematics"

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Dear authors

In general, the manuscript is of potential interest to the readership of this journal. However, I would like to address some points before the article can be published:

Strengths of the paper:

- The issue is relevant to the education realm
- The literature and the references are adequate to support the present study.
- Overall, the language used is suitable.

Feedback in overall

- The topic chosen is relevant and of interest to many science and mathematics educators and researchers.

Feedback in specific

- Abstract:

i. The abstract needs a clear problem statement, as what motivates this study, e.g., why choose primary pre-service teachers Samples and mathematics subjects as we have other relevant topics like Science and technology? I presumed the pre-service teacher is not only majoring in mathematics but also in science.

ii. The study's methodology must be clearly stated in the abstract, i.e., Sample N =70, how the survey was conducted. i.e., at the beginning of the semester, etc.

iii. What is the implication of the research findings to the theoretical perspective and to the schools and pre-service teachers? Etc.

- Introduction:

i. Overall, the introduction is well-written and informative. It explains what the study is about.

ii. The problem statement needs further explanation and literature support. It would be better if some of the latest forms of literature supported the problem statement. Maybe some reference from another part of the world, e.g., Asian, African, etc.

iii. This study has its uniqueness. Therefore, it would be fascinating if you could highlight it.

- Literature Review:

i. Overall, the literature review is current, with many references covered across the discipline under its keywords.

ii. However, the way references were cited needs improvement; follow the citation guideline from the journal's requirement if possible.

iii. Adding earlier significant contributions that explored the problem statement would be good.

iv. Sometimes used 'students' and sometimes used 'pre-service teachers'? The researcher needs to be consistent.

v. Why is individual teachers' needs? Is it essential to look more at teachers' needs rather than students' needs?

vi. A literature review on pre-service teachers majoring in mathematics or Science should also be added as they are the Sample in this research.

- Methods

i. Participants: A clear description of the research participants should be made. Sample N=70, but for how many populations? It is not stated.

ii. A flow chart/diagram to show the procedure flow would be helpful for readers to understand the whole procedure.

iii. The pre-service teachers, majoring in what course? e.g., Science? Engineering? Mathematics? Etc.

- Findings:

i. The finding only reports the correlation between the pre-services' intrinsic and extrinsic motivation and performance, where both outputs indicate a strong positive association between variables. The findings could be narrowed down into more sections, as stated in the questionnaire/survey, i.e. the MLMQ.

ii. From here, the researchers can gather more insightful data to present.

- Discussion:

i. The discussion should focus on the findings and how these findings are supported or unsupported by previous research.

ii. This is beneficial if the findings were broken down and the discussions highlight the strengths and the weaknesses and what or how to do for better implementation in the future.

iii. Should discuss the implications as well,

- Conclusion:

i. Overall, the conclusion is well executed. However, the implication of the research findings to the educator's society needs to be improved.

ii. Therefore, it needs to realign with facts after the author/s made corrections.

Reference

- Reference-wise, both in the text and in the list can be improved, e.g. APA style, IEEE, MLA, Vancouver, etc.

Best wishes