

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

Yustinus Budi Hermanto

Potential competing interests: No potential competing interests to declare.

Dear **Alberto Bedogni**

Level of Originality: The level of originality in the quoted text is relatively good, because this text mainly summarizes the findings and recommendations of certain studies regarding the influence of motivation on the performance of pre-service teachers in mathematics. This text does not introduce new or innovative concepts but rather emphasizes the importance of motivation and suggests strategies to increase it in an academic context.

Clarity: This article summarizes the findings and recommendations from specific research regarding the influence of motivation on pre-service teachers' performance in mathematics [1]. The text does not introduce new or innovative concepts but rather emphasizes the importance of motivation and suggests strategies to increase it in academic contexts [2]. This research uses a correlational survey research design and employs descriptive and inferential statistics for data analysis [1]. The results show a strong positive relationship between intrinsic motivation and mathematics performance among pre-service teachers [4]. This text also refers to other research exploring the relationship between motivation and academic achievement in mathematics [5][6][7][8]. Overall, this text provides a comprehensive overview of existing research on motivation and academic performance in mathematics but does not make significant contributions to original concepts or findings in the field.

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Data analysis and interpretation: This research uses a correlational survey research design and employs descriptive and inferential statistics for data analysis [1]. The results show a strong positive relationship between intrinsic motivation and mathematics performance among pre-service teachers [6]. This text also refers to other research exploring the relationship between motivation and academic achievement in mathematics [5] [7] [8]. Overall, the text provides a comprehensive overview of existing research on motivation and academic performance in mathematics but does not make significant contributions to original concepts or findings in the field [4].

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Result Accuracy: This research uses a correlational survey research design and employs descriptive and inferential statistics for data analysis [1]. The results show a strong positive relationship between intrinsic motivation and mathematics performance among pre-service teachers [3]. This text also refers to other research exploring the relationship between motivation and academic achievement in mathematics [4][6][7][8]. Overall, the text provides a

comprehensive overview of existing research on motivation and academic performance in mathematics but does not make significant contributions to original concepts or findings in the field [5].

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Writing style : The writing style in the quoted text is clear and straightforward. It effectively communicates the importance of motivation in mathematics academic achievement and provides specific recommendations for stakeholders, including management, government, and teachers, to increase student motivation. This text also presents the findings of a study on the influence of motivation on the performance of prospective mathematics teachers, highlighting the strong positive relationship between intrinsic and extrinsic motivation and academic performance. Recommendations for teachers to implement strategies to increase student motivation and for school management to implement external motivation mechanisms are clearly articulated. Overall, the writing style is informative and presents information in a concise and easy-to-understand manner.

Ethical Considerations: The cited texts do not explicitly address ethical considerations related to research on the influence of motivation on pre-service teachers' performance in mathematics. However, it is important to note that ethical considerations in research involving human subjects are extremely important. These considerations may include obtaining informed consent from participants, ensuring confidentiality and privacy, minimizing potential harm, and maintaining the integrity of the research process [9]. It is important for researchers to comply with ethical and regulatory guidelines to protect the rights and welfare of participants involved in research [1].

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This article is accepted, needs revision



Thank you and best regards,

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