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| Journal Name: | [**Asian Journal of Education and Social Studies**](https://journalajess.com/index.php/AJESS) |
| Manuscript Number: | **Ms\_AJESS\_137805** |
| Title of the Manuscript: | **ROLE OF METACOGNITIVE AWARENESS IN ENHANCING PERSISTENCE IN SOLVING MATHEMATICAL PROBLEMS AMONG MATH MAJORS** |
| Type of the Article | **Research Article** |

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| PART 1: Comments | | |
|  | Reviewer’s comment **Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | **Author’s Feedback** (It is mandatory that authors should write his/her feedback here) |
| **Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.** | This study addresses a critical research gap by examining the relationship between metacognitive awareness and persistence in mathematical problem-solving among BSEd Mathematics majors in the Philippines—an underrepresented demographic and geographical context. Its robust findings demonstrate that metacognitive awareness accounts for a significant 27.9% of the variance in persistence, providing compelling quantitative evidence of its impact. These results establish an empirical foundation for designing mathematics curricula that enhance students’ resilience in tackling complex mathematical challenges through targeted metacognitive strategy training. | Thank you |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | The original title is acceptable, but the optimal version balances specificity and brevity: "Metacognitive Awareness and Persistence in Mathematical Problem-Solving: A Study of Philippine Mathematics Majors" | Thank you, but do I really need to change it? Or is it okay to retain the title of this study? Since my research location is only in one specific school which is the Davao Central College? |
| Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here. | **Please notify that:** This study investigated how metacognitive awareness contributes to the persistence of **Philippine** BSEd Mathematics majors in solving mathematical problems. Using a descriptive-correlational design, data were gathered from 100 math majors using the Metacognitive Awareness Inventory (MAI) and the Persistence in Mathematical Problem-Solving Scale. Results revealed very high metacognitive awareness (M=4.31) and high persistence (M=4.06), **peaking during examinations (M=4.29) but lowest in take-home assignments (M=3.88)**. Pearson correlation showed a significant positive relationship (\*r\* = .528, \*p\* < .001), and regression analysis indicated metacognitive awareness explained 27.90% of the variance in persistence, **suggesting additional factors influence persistence**. The study concludes that students who plan, monitor, and regulate their thinking persist more effectively through challenges. It recommends **integrating metacognitive strategy instruction into mathematics curricula** to strengthen effort and resilience. **Keywords**: metacognitive awareness, persistence, mathematical problem-solving, knowledge about cognition, regulation of cognition | Thank you so much. This is highly noted. |
| Is the manuscript scientifically, correct? Please write here. | Yes, the manuscript is fundamentally scientifically sound | Thank you. |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | **The references are generally sufficient and recent** (15/21 sources ≤5 years old), including key 2023-2025 studies. However, adding 2-3 foundational/theoretical works would strengthen context:   1. **Dweck (2006)** *Mindset* for persistence theory. 2. **Pintrich (2002)** on metacognition-motivation links. 3. **Schoenfeld (2016)** *Mathematical Practices* for problem-solving frameworks. | This is noted. I will add this on the theoretical framework. |
| Is the language/English quality of the article suitable for scholarly communications? | Yes, the manuscript's language meets scholarly standards | Thank you. |
| Optional/General comments | **This manuscript presents a well-structured investigation with strong methodological rigor and contextual relevance, aligning with our policy of publishing technically sound research. We recommend provisional acceptance pending minor revisions:**  **1. Abstract: Add geographical specificity (Philippine context) and key sub-finding (lower persistence in take-home assignments).**  **2. References: Incorporate 2-3 foundational works (e.g., Dweck, 2006; Schoenfeld, 2016) to strengthen theoretical grounding.** | This is noted. Thank you |

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| **PART 2:** | | |
|  | Reviewer’s comment | **Author’s Feedback** (It is mandatory that authors should write his/her feedback here) |
| **Are there ethical issues in this manuscript?** | *(If yes, Kindly please write down the ethical issues here in detail)* |  |