

Review Form 3

Journal Name:	Asian Journal of Education and Social Studies
Manuscript Number:	Ms_AJESS_125711
Title of the Manuscript:	Path Analysis of Grit, Self-Efficacy, Self-Regulation, and Science Academic Performance in Online Learning
Type of the Article	Original Research Article

Review Form 3

PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
<p>Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.</p>	<p>This manuscript is significant for the scientific community as it addresses the critical impact of non-cognitive factors—specifically grit, self-efficacy, and self-regulation—on academic performance in the context of online learning, particularly during the COVID-19 pandemic. By employing a quantitative approach and path analysis, the study provides empirical evidence that can inform educational strategies and interventions aimed at enhancing student outcomes in virtual environments.</p> <p>I appreciate this manuscript for its timely relevance and its focus on a nuanced understanding of how psychological constructs influence learning. The exploration of these interrelationships offers valuable insights for educators and policymakers, highlighting the need for holistic approaches to student support in online education. However, one potential area for improvement could be the inclusion of a more diverse sample to enhance the generalizability of the findings across different educational contexts.</p>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>The title "Path Analysis of Grit, Self-Efficacy, Self-Regulation, and Science Academic Performance in Online Learning" is suitable as it clearly conveys the main focus of the study, which involves examining the relationships among these key variables within the context of online learning.</p> <p>However, to enhance its appeal and specificity, an alternative title could be: "Exploring the Interplay of Grit, Self-Efficacy, and Self-Regulation on Science Academic Performance Among Junior High Students in Online Learning Environments." This alternative emphasizes the exploratory nature of the research and specifies the target population, making it more informative for potential readers.</p>	
<p>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.</p>	<p>The abstract of the article is generally comprehensive as it outlines the aims, study design, methodology, results, and conclusions. However, there are a few suggestions for improvement:</p> <ol style="list-style-type: none"> 1. Clarification of Results: While the abstract mentions that grit did not directly impact Science academic performance, it could benefit from a brief mention of the specific findings regarding self-efficacy and self-regulation, particularly how they relate to academic performance. This would provide a clearer picture of the study's outcomes. 2. Contextual Background: Including a sentence that briefly explains the significance of studying these variables in the context of the pandemic could enhance the relevance of the research. This would help readers understand why this study is particularly important at this time. 3. Implications for Practice: Adding a sentence about the practical implications of the findings for educators or policymakers could strengthen the abstract. This would highlight how the research can be applied in real-world educational settings. 4. Keywords: While keywords are mentioned at the end, it might be beneficial to integrate them into the abstract itself to improve searchability and accessibility. <p>Incorporating these suggestions could make the abstract more informative and engaging for readers.</p>	
<p>Are subsections and structure of the manuscript appropriate?</p>	<p>Yes, the subsections and structure of the manuscript appear to be appropriate for the content and objectives of the study. The organization follows a logical flow that enhances readability and comprehension. Here are some specific observations:</p> <ol style="list-style-type: none"> 1. Clear Sections: The manuscript is divided into distinct sections, including the abstract, introduction, methodology, results, and discussion. This clear delineation helps readers navigate the content effectively. 2. Methodology Details: The methodology section is well-structured, providing information on the research design, sample selection, data collection methods, and analytical techniques. This level of detail is crucial for replicability and understanding the study's rigor. 3. Results and Discussion: The results section presents findings in a straightforward manner, while the discussion section interprets these findings in the context of existing literature. This separation allows for a clear presentation of data followed by thoughtful analysis. 	

Review Form 3

	<p>4. Subsections: The use of subsections within the results and discussion sections helps to break down complex information into manageable parts, making it easier for readers to follow the arguments and findings. Overall, the structure is appropriate and effectively supports the manuscript's objectives. However, ensuring that each subsection is consistently formatted and clearly labeled can further enhance clarity and professionalism.</p>	
<p>Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.</p>	<p>The manuscript demonstrates scientific robustness and technical soundness through its rigorous methodology and comprehensive data analysis. The use of path analysis to explore the relationships among grit, self-efficacy, self-regulation, and academic performance is appropriate for the study's objectives, allowing for the examination of complex interdependencies among multiple variables. Additionally, the collection of data through online surveys, while adhering to ethical considerations such as informed consent and confidentiality, ensures the integrity of the research process. The findings are supported by descriptive statistics and correlation coefficients, which provide a solid foundation for the conclusions drawn, thereby enhancing the credibility and reliability of the study's results. Overall, the manuscript effectively integrates theoretical frameworks with empirical evidence, contributing valuable insights to the field of educational psychology.</p>	
<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. =</p>	<p>The references in the manuscript appear to be relevant and provide a solid foundation for the study, particularly in the context of grit, self-efficacy, and self-regulation in educational settings. However, to assess their sufficiency and recency accurately, a detailed review of the reference list would be necessary, which is not provided in the excerpts. Here are some general suggestions for ensuring the references are sufficient and recent:</p> <ol style="list-style-type: none"> 1. Inclusion of Recent Studies: It would be beneficial to include more recent studies (from the last 3-5 years) that explore the impact of online learning on academic performance, especially in light of the ongoing developments in educational technology and pedagogy. 2. Diverse Sources: Incorporating a wider range of sources, including meta-analyses or systematic reviews, could strengthen the theoretical framework and provide a broader context for the findings. 3. Relevant Theories: References to foundational theories related to grit, self-efficacy, and self-regulation, such as Bandura's work on self-efficacy or Duckworth's research on grit, should be included if not already present. 4. Current Trends: Including references that discuss current trends in online learning, particularly those that emerged during and after the COVID-19 pandemic, would enhance the manuscript's relevance. <p>If specific references were provided in the manuscript, I could suggest additional ones based on those. However, without access to the complete reference list, these general suggestions should guide the authors in ensuring their references are both sufficient and up-to-date.</p>	

Review Form 3

<p>Minor REVISION comments</p> <p>Is the language/English quality of the article suitable for scholarly communications?</p>	<p>The language and English quality of the article appear to be suitable for scholarly communication based on the excerpts provided. Here are some observations regarding the language quality:</p> <ol style="list-style-type: none"> Clarity and Precision: The manuscript uses clear and precise language, which is essential for effectively conveying complex ideas and research findings. The sentences are structured well, making the content accessible to readers. Academic Tone: The writing maintains an appropriate academic tone, which is crucial for scholarly work. The use of formal language and avoidance of colloquialisms contribute to the professionalism of the manuscript. Technical Terminology: The article appropriately employs technical terminology related to educational psychology and research methodology, demonstrating the authors' familiarity with the subject matter. This is important for engaging an academic audience. Cohesion and Coherence: The organization of ideas flows logically, with effective transitions between sections and subsections. This coherence enhances the overall readability of the manuscript. Minor Improvements: While the language quality is generally strong, there may be opportunities for minor improvements in sentence structure or word choice to enhance readability further. A thorough proofreading could help eliminate any typographical or grammatical errors. <p>Overall, the language quality is suitable for scholarly communication, and with minor revisions, it can be further polished to meet the highest academic standards.</p>	
<p>Optional/General comments</p>	<p>the manuscript is scientifically robust and technically sound, contributing valuable insights to the field of educational psychology. With some minor revisions and the inclusion of additional recent references, it has the potential to make a significant impact in scholarly communications.</p>	

PART 2:

	<p>Reviewer's comment</p>	<p>Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</p>
<p>Are there ethical issues in this manuscript?</p>	<p><i>(If yes, Kindly please write down the ethical issues here in details)</i></p>	

Reviewer Details:

<p>Name:</p>	<p>Manish Kumar</p>
<p>Department, University & Country</p>	<p>IIMT University, India</p>