



My Frontiers

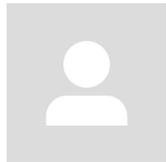
OVERVIEW

MY SUBMISSIONS

MY REVIEW ASSIGNMENTS

MY INBOX

MY INVOICES



Hadion Wijoyo

STMIK Dharmapala, Riau, Indonesia
Frontiers member since: 11 Jun 2022

Available (In the office)

My Editor Roles

No editorial roles in Frontiers yet.
[Apply to join.](#)

My manuscript tracking

In Preparation Initial Validation Editorial Assignment Independent Review **Interactive Review** Review Finalized

Reviewing 1

Reviewing

Systematic Review and Meta-Analysis of Big Data in Higher Education in the Middle East

M	Us	Ah	Hi	Sh	
un	a	m	nd	aw	Ma
thi	m	med	R.	ky	gd
r	a	B.	Al	M.	y
MA		AB	HR	SM	MM
A.	M.	Alt	qir	Ma	M.
Al	lbr	a	na	h	Sal
bla	ah	mi	s	m	e
ihe	e	mi		ou	m
d	m			d	

Give Feedback



Take part in Frontiers



Lead an article collection around cutting-edge research.

[Suggest a Research Topic](#)



Engage with our prestigious editorial boards.

[Apply or refer a colleague](#)



Communicate your research to kids.

[Learn more](#)



Do you need help?

[Contact Us](#)

Give Feedback





[ABOUT](#)

[JOURNALS](#)

[RESEARCH TOPICS](#)

[ARTICLES](#)

[SUBMIT](#)

[MY FRONTIERS](#)



[SUBMIT](#)

© 2007 - 2023 Frontiers Media S.A. All Rights Reserved

[Give Feedback](#)

REVIEW FORUM Reviewer[? Need Help ? Contact us](#)

1. Initial Validation
 2. Editorial Assignment
 3. Independent Review
 4. Interactive Review
 5. Review Finalized
 6. Final Validation
 7. Final Decision

Systematic Review and Meta-Analysis of Big Data in Higher Education in the Middle East

Munthir A. Alblaihed, [Usama M. Ibrahim*](#), Ahmed B. Altamimi, Hind R. Alqirnas, Shawky M. Mahmoud and Magdy M. Salem

Review, *Front. Virtual Real. - Technologies for VR*

Received on: 11 Feb 2023, Edited by: [Diego Vergara](#)

Manuscript ID: 1164018

Research Topic: [Virtual Reality: New Trends of Use In Training Environments](#)

Keywords: big data analysis, big data management, higher education, Meta-analysis, Systematic review



Download latest manuscript



Supplementary materials



View submitted files history



Withdraw from review



Recommend rejection



NO ACTION IS REQUIRED FROM YOU

Authors are pending to respond in the discussion forum.

You endorsed publication of this manuscript.

History

Editor

Active

Reviewer 1

Active

Me

Finalized

A | R | A

Reviewer 2: Hadion Wijoyo

Independent review report submitted: 09 Mar 2023

Interactive review activated: 14 Mar 2023

Review finalized: 24 Mar 2023

Initial recommendation to the Editor: Revision is required

Your review report that is seen by the Associate Editor and Authors is displayed here. As you finalized the report and endorsed publication of this manuscript in its current form, discussions are now closed.

Please note, that the Editor can re-activate the interactive discussion if necessary for the review process. Should you wish to reactivate the online discussion, please contact the Editorial Office.

▼ EVALUATION



Q 1 Please list your revision requests for the authors and provide your detailed comments, including highlighting limitations and strengths of the review. If you have additional comments based on Q2 and Q3 you can add them as well.



Reviewer 2: Hadion Wijoyo | 09 Mar 2023 | 00:54

#1

Dear Author

Please revise your papers according our reviewers team comment below:

Abstract

- Sometimes written as an afterthought, the abstract is of extreme importance as in many instances this section is what is initially previewed by readership to determine if the remainder of the article is worth reading. This is the authors opportunity to draw the reader into the study and entice them to read the rest of the article.
- The abstract is a summary of the article or study written in 3rd person allowing the readers to get a quick glance of what the contents of the article include.



Live chat



- In some instances, the abstract may change slightly pending content revisions required during the peer review process.
- Therefore it often works well to complete this portion of the manuscript last. Remember the abstract should be able to stand alone and should be as succinct as possible.

Introduction and Review of Literature

- The introduction is one of the more difficult portions of the manuscript to write. Past studies are used to set the stage or provide the reader with information regarding the necessity of the represented project. For an introduction to work properly, the reader must feel that the research question is clear, concise, and worthy of study.
- A competent introduction should include at least four key concepts: 1) significance of the topic, the information gap in the available literature associated with the topic, 3) a literature review in support of the key questions, 4) subsequently developed purposes/objectives and hypotheses.

Methods

- The methods section should clearly describe the specific design of the study and provide clear and concise description of the procedures that were performed. The purpose of sufficient detail in the methods section is so that an appropriately trained person would be able to replicate your experiments.
- There should be complete transparency when describing the study
- A clear methods section should contain the following information: 1) the population and equipment used in the study, 2) how the population and equipment were prepared and what was done during the study, 3) the protocol used, 4) the outcomes and how they were measured, 5) the methods used for data analysis. Initially a brief paragraph should explain the overall procedures and study design.
- Within this first paragraph there is generally a description of inclusion and exclusion criteria which help the reader understand the population used. Paragraphs that follow should describe in more detail the procedures followed for the study. A clear description of how data was gathered is also helpful.
- For example were data gathered prospectively or retrospectively? Who if anyone was blinded, and where and when was the actual data collected?
- Although it is a good idea for the authors to have justification and a rationale for their procedures, these should be saved for inclusion into the discussion section, not to be discussed in the methods section.
- However, occasionally studies supporting components of the methods section such as reliability of tests, or validation of outcome measures may be included in the methods section.
- The final portion of the methods section will include the statistical methods used to analyze the data.¹⁹This does not mean that the actual results should be discussed in the methods section, as they have an entire section of their own!
- Most scientific journals support the need for all projects involving humans or animals to have up-to-date documentation of ethical approval.²⁰ The methods section should include a clear statement that the researchers have obtained approval from an appropriate institutional review board.

Results and Discussion

- In most journals the results section is separate from the discussion section.
- It is important that you clearly distinguish your results from your discussion.
- The results section should describe the results only. The discussion section should put those results into a broader context.
- Report your results neutrally, as you “found them”. Again, be thoughtful about content and structure.
- Think carefully about where content is placed in the overall structure of your paper. It is not appropriate to bring up additional results, not discussed in the results section, in the discussion.
- All results must first be described/presented and then discussed. Thus, the discussion should not simply be a repeat of the results section. Carefully discuss where your information is similar or different from other published evidence and why this might be so.



statistically significant ones or the ones that support your hypotheses. When you must resort to speculation or opinion, be certain to state that up front using phrases such as “we therefore speculate” or “in the authors’ opinion”.

- Remember, just as in the introduction and literature review, evidence or results cannot draw conclusions, just as previously stated, only people, scientists, researchers, and authors can!
- Finish with a concise, 3-5 sentence conclusion paragraph.
- This is not just a restatement of your results, rather is comprised of some final, summative statements that reflect the flow and outcomes of the entire paper. Do not include speculative statements or additional material; however, based upon your findings a statement about potential changes in clinical practice or future research opportunities can be provided here.
- Your results should be organised into an orderly and logical sequence. Only the most relevant results should be described in the text, to highlight the most important points. Figures, tables, and equations should be used for purposes of clarity and brevity. Data should not be reproduced in more than one form, for example in both figures and tables, without good reason.
- The purpose of the discussion is to explain the meaning of your results and why they are important.
- You should state the impact of your results compared with recent work and relate it back to the problem or question you posed in your introduction. Ensure claims are backed up by evidence and explain any complex arguments.

CONCLUSIONS

- Writing for publication can be a challenging yet satisfying endeavor.
- The ability to examine, relate, and interlink evidence, as well as to provide a peer-reviewed, disseminated product of your research labors can be rewarding.
- A few suggestions have been offered in this commentary that may assist the novice or the developing writer to attempt, polish, and perfect their approach to scholarly writing.
- This is for interpretation of the key results and to highlight the novelty and significance of the work. The conclusions should not summarise information already present in the article or abstract. You can also include any plans for relevant future work here.

References

- Use APA style
- Use recent at least 5 years later references
- Use 20 references minimum

Q 2 Check List

Reviewer 2: Hadion Wijoyo | 09 Mar 2023 | 00:54 #1

- a. Is the quality of the figures and tables satisfactory?
- Yes
- b. Does the reference list cover the relevant literature adequately and in an unbiased manner?
- Yes
- c. Does this manuscript refer only to published data? (unpublished or original data is not allowed for this article type)
- Yes
- d. Does the review include a balanced, comprehensive, and critical view of the research area?
- Yes

QUALITY ASSESSMENT

Q 3	Rigor	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Q 4	Quality of the writing	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Q 5	Overall quality of the content	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Q 6	Interest to a general audience	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



[ABOUT](#)

[JOURNALS](#)

[RESEARCH TOPICS](#)

[ARTICLES](#)

[SUBMIT](#)

[MY FRONTIERS](#)



[SUBMIT](#)



[About Frontiers](#)
[Institutional Membership](#)
[Books](#)
[News](#)

[Frontiers' social media](#)
[Contact](#)
[Careers](#)
[Submit](#)

[Newsletter](#)
[Help Center](#)
[Terms & Conditions](#)
[Privacy Policy](#)

© 2007 - 2023 Frontiers Media S.A. All Rights Reserved