

## OPINION A

### How to reference this paper:

Sarkar, K., & Bose, S. (2026). Networked learning behavior in higher education: a moderated mediation analysis of TPACK and AI readiness. *Revista on line de Política e Gestão Educacional*, 30, e026098. <https://doi.org/10.22633/rpge.v30i00.21140>



| Submitted: 07/05/2026  
| Revisions required: 19/05/2026  
| Approved: 22/07/2026  
| Published: 01/09/2026

---

**Editor:** Prof. Dr. Sebastião de Souza Lemes  
**Deputy Executive Editor:** Prof. Dr. José Anderson Santos Cruz

## REVIEW FORM

**Article title:** Networked learning behavior in higher education: a moderated mediation analysis of TPACK and AI readiness

**Reviewer:** Flávio Moreira

|                                                                                                                                                                                                                       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>A. COGNITIVE DIMENSION</b>                                                                                                                                                                                         |
| <b>Sequential and logical sequencing of the content of scientific ideas.</b>                                                                                                                                          |
| <b>1. Does the article contain original ideas that have not yet been presented on the subject?</b>                                                                                                                    |
| <input checked="" type="checkbox"/> Yes <input type="checkbox"/> Partially <input type="checkbox"/> No                                                                                                                |
| <b>2. Is the topic important to the context in which it is inserted?</b>                                                                                                                                              |
| <input checked="" type="checkbox"/> Yes <input type="checkbox"/> Partially <input type="checkbox"/> No                                                                                                                |
| <b>3. Does the introduction make the research topic clear, present the studies that have addressed the problem or similar research and point out the gap that the research covers/justification for the research?</b> |
| <input type="checkbox"/> Yes <input type="checkbox"/> Partially <input checked="" type="checkbox"/> No                                                                                                                |
| <b>4. Does the introduction make it clear what the research question is or the hypotheses (if applicable) and are the general and/or specific objectives in line with the research question?</b>                      |
| <input type="checkbox"/> Yes <input type="checkbox"/> Partially <input checked="" type="checkbox"/> No                                                                                                                |
| <b>5. Is the theoretical framework relevant to the topic and in line with the objectives set?</b>                                                                                                                     |
| <input checked="" type="checkbox"/> Yes <input type="checkbox"/> Partially <input type="checkbox"/> No                                                                                                                |
| <b>6. Is the theoretical framework presented in sufficient quantity and quality for the research construct and are the ideas presented in sufficient depth for the study in question?</b>                             |
| <input checked="" type="checkbox"/> Yes <input type="checkbox"/> Partially <input type="checkbox"/> No                                                                                                                |
| <b>7. Does the theoretical framework presented include classic authors in the field who are still relevant to the discussion, and does it also include work from the last five years?</b>                             |
| <input checked="" type="checkbox"/> Yes <input type="checkbox"/> Partially <input type="checkbox"/> No                                                                                                                |

|                                                                                                                                                                                                                                                                                   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>8. Are the results consistent with the aim of the research, the theoretical framework and the methodology?</b>                                                                                                                                                                 |
| <input checked="" type="checkbox"/> Yes <input type="checkbox"/> Partially <input type="checkbox"/> No                                                                                                                                                                            |
| <b>9. Is the data calculated correctly and do the results show that there is no fabrication or falsification of data?</b>                                                                                                                                                         |
| <input checked="" type="checkbox"/> Yes <input type="checkbox"/> Partially <input type="checkbox"/> No                                                                                                                                                                            |
| <b>10. Do the discussions correlate coherently with the theoretical framework?</b>                                                                                                                                                                                                |
| <input checked="" type="checkbox"/> Yes <input type="checkbox"/> Partially <input type="checkbox"/> No                                                                                                                                                                            |
| <b>11. Do the discussions correlate coherently with the results presented?</b>                                                                                                                                                                                                    |
| <input checked="" type="checkbox"/> Yes <input type="checkbox"/> Partially <input type="checkbox"/> No                                                                                                                                                                            |
| <b>12. Do the conclusions provide an answer to the research question and objectives?</b>                                                                                                                                                                                          |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> Partially <input type="checkbox"/> No                                                                                                                                                                            |
| <b>13. Do the conclusions present authorial closure without repeating previous parts of the article and pointing out the limitations of the research itself and future research?</b>                                                                                              |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> Partially <input type="checkbox"/> No                                                                                                                                                                            |
| <b>Reviewer's comments on the cognitive dimension.</b>                                                                                                                                                                                                                            |
| -                                                                                                                                                                                                                                                                                 |
| <b>B. METHODOLOGICAL DIMENSION</b>                                                                                                                                                                                                                                                |
| <b>Precise description of the methods and techniques used.</b>                                                                                                                                                                                                                    |
| <b>1. Does the title specify the content of the work more generally and the subtitle (if there is one) is a technical title more related to the topic? Another possible approach is when the title refers to the theoretical object and the subtitle to the empirical object.</b> |
| <input checked="" type="checkbox"/> Yes <input type="checkbox"/> Partially <input type="checkbox"/> No                                                                                                                                                                            |
| <b>2. Does the abstract present the objective, methodology, results and conclusions in a way that is coherent with the work?</b>                                                                                                                                                  |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> Partially <input type="checkbox"/> No                                                                                                                                                                            |
| <b>3. Is the choice of keywords in line with the content of the article and the field?</b>                                                                                                                                                                                        |
| <input checked="" type="checkbox"/> Yes <input type="checkbox"/> Partially <input type="checkbox"/> No                                                                                                                                                                            |
| <b>4. Is the objective clearly written?</b>                                                                                                                                                                                                                                       |

|                                                                                                                                                                                                                                                                                                                                                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> Partially <input type="checkbox"/> No                                                                                                                                                                                                                                         |
| <b>5. Is the methodology detailed, characterized and does it explain how data will be collected (if applicable) and analyzed?</b>                                                                                                                                                                                                              |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> Partially <input type="checkbox"/> No                                                                                                                                                                                                                                         |
| <b>6. Is the methodology coherent with the theory and consistent with the results?</b>                                                                                                                                                                                                                                                         |
| <input checked="" type="checkbox"/> Yes <input type="checkbox"/> Partially <input type="checkbox"/> No                                                                                                                                                                                                                                         |
| <b>7. If the research involves human beings, have the procedures carried out to comply with research ethics guidelines been described or the approval number of the work by the research ethics committee indicated?</b>                                                                                                                       |
| <input type="checkbox"/> Yes <input type="checkbox"/> Partially <input checked="" type="checkbox"/> No                                                                                                                                                                                                                                         |
| <b>Reviewer's comments on the methodological dimension.</b>                                                                                                                                                                                                                                                                                    |
| -                                                                                                                                                                                                                                                                                                                                              |
| <b>C. AESTHETIC DIMENSION</b>                                                                                                                                                                                                                                                                                                                  |
| <b>Writing, form and normalization.</b>                                                                                                                                                                                                                                                                                                        |
| <b>1. Are the rules observed with regard to citations (ABNT 10520 - 2023), references (ABNT 6023 - 2018), presentation of illustrations and tables (title and source)?</b>                                                                                                                                                                     |
| <input type="checkbox"/> Yes <input type="checkbox"/> Partially <input checked="" type="checkbox"/> No                                                                                                                                                                                                                                         |
| <b>2. Does the text show correct accentuation and typing of words; nominal and verbal agreement; correct arrangement of words and connection between sentences or paragraphs (cohesion); logical relationship of the ideas presented (coherence); avoid repetition in the text of what is already written in the illustrations and tables?</b> |
| <input type="checkbox"/> Yes <input type="checkbox"/> Partially <input checked="" type="checkbox"/> No                                                                                                                                                                                                                                         |
| <b>3. Are the illustrations (graphs, charts, images, figures, maps) and tables of adequate size and legibility for reading?</b>                                                                                                                                                                                                                |
| <input checked="" type="checkbox"/> Yes <input type="checkbox"/> Partially <input type="checkbox"/> No                                                                                                                                                                                                                                         |
| <b>Reviewer's comments on the aesthetic dimension</b>                                                                                                                                                                                                                                                                                          |
| -                                                                                                                                                                                                                                                                                                                                              |
| <b>Recommendation</b>                                                                                                                                                                                                                                                                                                                          |
| <input type="checkbox"/> Accept                                                                                                                                                                                                                                                                                                                |
| <input checked="" type="checkbox"/> Accept with mandatory corrections                                                                                                                                                                                                                                                                          |

☐ Submit again for evaluation

☐ Submit to another journal

☐ Reject

The reviews will be published without the identity of the reviewer, in accordance with the principles of Open Science. The reviewer must state whether he/she authorizes the publication of the review with his/her identity or authorizes it without his/her identity.

**Once the reviewer agrees to the review, the review will be published without their identity. If the reviewer wishes to authorize their identification, please inform it in response to the review request.**

#### Reviewer's opinion/ Comments

- This study examines a topic that is becoming increasingly relevant as the fields of academic research and teacher education and training intersect in a context shaped by technological issues, particularly AI; this is a debate that is likely to grow in importance in this context.
- Even though the abstract covers the necessary points, it is not advisable to include statistical data in this section; the abstract should be an overview of the main parts of the work, not a presentation of the figures found—it is a more textual section
- Always spell out an acronym in full the first time it appears in the text; however, TPACK and several other acronyms are never spelled out in full—their meanings are only provided in the table captions
- Although the introduction outlines how the article will be structured, it does not actually present the key points of the topic; for example, it does not explain what the mentioned TPACK is, how it is used, or its relevance in the educational context. The same applies to the explanation of the concept of AI readiness; these points are key to understanding the text, however, the correlation between them—specifically regarding the analysis and discussion of statistical data—is not presented. The introduction must address these points, the correlation sought between them, and what the authors consider important about them, all supported by relevant theoretical literature on the subject. Without presenting the main concepts and the authors' perspective on them, the introduction seems to be somewhat lacking
- The methodology does not address ethical issues related to the research. Since a questionnaire was developed and distributed to other people, it is necessary to explicitly

state what ethical procedures were followed, whether the study was reviewed by an ethics committee, whether participant anonymity was ensured, whether participation was voluntary, and so on.

- In the conclusion, avoid quoting other authors; the conclusion should be an original passage. The authors should explain how their findings address the gaps in the literature mentioned in the text, how this connection works, why it is important to fill these gaps, and the significance they see in advancing this type of research for the field. The authors' voice should be the predominant tone in the conclusions of the paper. Adding a little more text to do this and also explaining in greater detail how everything presented in the form of data ties together would be enriching.

- It is also recommended that you review the paper with a focus on the writing; there are some passages that are confusing, particularly in terms of punctuation.

We would like to reiterate that the sole purpose of this opinion is to assist the authors in the best way possible.

#### **List of mandatory corrections**

- Use 5 keywords at maximum, there are 6 in the text
- Revise the introduction as indicated in the opinion above
- Supplement the methodology as indicated in the opinion above
- Revise the concluding remarks as indicated above.

#### **Publication of the opinion, according to Open Science standards**

- ☒ I authorize publication without the name of the reviewer
- ☒ I authorize publication with the name of the reviewer
- ☒ I authorize publication with the name of the reviewer, being aware that the journals of Editora Ibero-Americana, it is mandatory to.

**Processing and editing: Editora Ibero-Americana de Educação**  
Review, formatting, standardization, and Translation

