

## OPINION A

### How to reference this paper:

Zhang, J., & Bakhir, N. M. (2026). The impact of VR cooperative gaming on university students' social well-being: a cross-sectional study of entertainment, interaction, and physical activity. *Revista on line de Política e Gestão Educacional*, 30(esp1), e026031. DOI: <https://doi.org/10.22633/rpge.v30iesp1.20941>



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

## REVIEW FORM

**Article title: The impact of VR cooperative gaming on university students' social well-being: a cross-sectional study of entertainment, interaction, and physical activity'**

<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 checked="" type="checkbox"/> Yes <input type="checkbox"/> Partially <input 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 checked="" type="checkbox"/> Partially <input type="checkbox"/> No
<b>5. Is the theoretical framework relevant to the topic and in line with the objectives set?</b>
<input type="checkbox"/> Yes <input checked="" 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 type="checkbox"/> Yes <input checked="" 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 type="checkbox"/> Yes <input checked="" type="checkbox"/> Partially <input type="checkbox"/> No
<b>11. Do the discussions correlate coherently with the results presented?</b>
<input type="checkbox"/> Yes <input checked="" 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 checked="" type="checkbox"/> Yes <input 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 checked="" type="checkbox"/> Yes <input 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 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 checked="" type="checkbox"/> Partially <input type="checkbox"/> No
<b>3. Are the illustrations (graphs, charts, images, figures, maps) and tables of adequate size and legibility for reading?</b>
<input type="checkbox"/> Yes <input checked="" 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**

- The study takes a very interesting approach to the use of VR and even games in general by university students. It analyzes this from a wide range of factors and with good theoretical support, backing up the claims and suggestions made. Overall, the work is very well done and seems to make very original and interesting contributions without dismissing the need for further studies and also the results of other studies that point to different realities.

That said, the article does not deal with educational issues per se; it is a study focused on the physical and mental well-being of students, but it does not refer to the influence of this on educational issues, nor does it propose models and uses of games for educational purposes. It is a comprehensive study, much more suited to the social sciences or even psychology, even though the text includes references to the potential of games in educational environments, either because they affect student performance or because they constitute a method of teaching and learning in themselves these themes are not worked on or developed in any way, leaving the study with only these references and a statement about its potential to be the basis for future educational studies (something that the article may indeed be) in the educational area.

Therefore, as it is not within the scope of the journal, the recommendation is to reject the article and/or forward it to another journal that is appropriate for its scope. I would suggest a journal in the field of social sciences (sociology) or psychology.

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

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<b>Publication of the opinion, according to Open Science standards</b>
<input checked="" type="checkbox"/> I authorize publication without the name of the reviewer
<input checked="" type="checkbox"/> I authorize publication with the name of the reviewer
<input checked="" type="checkbox"/> 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

