

Peer Review

Review of: "Determining the DNA of Sport Sciences Research Through Advanced Bibliometric Topic Modeling"

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Positive Points:

The study offers a comprehensive overview of research in sport sciences over two decades, using advanced bibliometric methods.

The use of topic modeling and citation network analysis allows for the identification of trends and complex structures in the literature.

The article addresses an important topic, as understanding the evolution of research in sport sciences is crucial for informing scientific policies and directing investments.

The analysis presents data on scientific production, international collaboration, and thematic areas, offering valuable insights for researchers and managers.

The discussion addresses the implications of the results, limitations of the study, and future perspectives.

Points that Could Improve the Document:

The article recognizes the limitations of using the Web of Science (WoS), but could explore alternatives or complement the analysis with other databases (e.g., Scopus, Google Scholar) to mitigate potential biases.

The study could examine more deeply the scientific production in different regions and languages, seeking to identify contributions that may be underrepresented in the WoS.

Although bibliometric analysis is valuable, the inclusion of a qualitative analysis of some of the main articles could enrich the interpretation of the results.

The article mentions the availability of data in repositories such as Zenodo, but could highlight specific examples of how this data can be used by other researchers.

In summary, the article is a robust and informative bibliometric study on research in sport sciences. By addressing the suggestions for improvement, the study could become even more comprehensive and impactful. I understand that even without making these changes, it is still a quality and publishable article, in my opinion.

Declarations

Potential competing interests: No potential competing interests to declare.