Peer-Review Report

Peer Review Report of "Artificial Intelligence in Public Health: Integrated SPAR-4 Systematic Literature Review and Bibliometric Analysis"

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Published Article: https://med.jmirx.org/2026/1/e85709

JMIRx Med 2026;7:e103605; doi: 10.2196/103605

Keywords: artificial intelligence; public health; systematic literature review; research themes; bibliometric analysis

This is a peer review report for "Artificial Intelligence in Public Health: Integrated SPAR-4 Systematic Literature Review and Bibliometric Analysis."

Round 1 Review

General Comments

This paper [1] covers a topic worth exploring, but there are still many fundamental issues that need to be addressed and refined.

Specific Comments

Major Comments

1. Both core themes in the title have received extensive attention, yet the authors failed to review relevant systematic studies to clarify current research gaps and the necessity of this study.
2. The authors assert that articles prior to 2021 are irrelevant to the existing themes. This claim is unconvincing. If the authors wish to focus on generative artificial intelligence, they should revise the title and related statements.
3. Public health research is an extremely broad field. Please define relevant concepts and their implications.
4. Is the use of "Public Health" as the sole search term sufficiently scientific and comprehensive? Additionally, this paper appears to lack coverage of information technology–related domains.
5. Analysis of source publications is lacking.

Minor Comments

1. The figure could include appropriate quantitative annotations to improve readability.

Round 2 Review

General Comments

I still cannot accept the rationale of the search strategy. Furthermore, the authors have evaded three of my five points. This is unacceptable. Regarding the third point that the authors don't understand, I believe it's that even a single word from an artificial intelligence cannot cover all relevant results.

Conflicts of Interest

None declared.

References

1. Dasgupta A, Xue Y, Tao K. Artificial intelligence in public health: Integrated SPAR-4 systematic literature review and bibliometric analysis. JMIRx Med. 2026;7:e85709. [doi: 10.2196/85709]

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