ANALYSIS OF THE PERFORMANCE OF GENERATIVE ARTIFICIAL INTELLIGENCE IN THE CRITICAL EVALUATION OF ARTICLES

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1. Background and Importance

Critical reading of scientific articles ensures the quality and internal validity of pharmaceutical research. Generative artificial intelligence (AI) improves this process by enhancing the assessment and detection of bias.

2. Aim and Objectives

Evaluating whether generative AI matches human critical analysis.

3. Materials and Methods

Eight articles were analyzed. Answers to questions about internal validity were compared with those provided by ChatGPT-4.0 (Turbo).

4. Result

I.A.

Objective response:
-Controlled clinical trial.
-Defined question.
-Patient assignment.

I.A 100% precisión.

Complex or subjective question:
-Influence of an open design.
-Change in sample size.
-Limited population.

I.A. limited.

5. Conclusión and relevance

While AI can analyze textual information, it currently lacks the expertise of human specialists. With further training, its analytical abilities could improve, offering a promising line of future research.

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