

Editorial

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Artificial intelligence and writing: What ChatGPT says?

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With the advent of AI tools and chatbots, the landscape of writing and publishing has undergone a significant transformation. While AI brings numerous advantages, it also poses challenges for authors, reviewers, editors, and readers alike. One concern is the potential for chatbots like ChatGPT to manipulate scientific facts, [1] leading to skepticism among editors and publishers. As a result, scientific societies, journals, and academic bodies have issued policy statements regarding their use in writing and publishing. [2] Another issue is the temptation for researchers and students to generate fake data using chatbots, which could be difficult for universities, reviewers, and editors to detect with traditional review tools and practices. To address this, new tools are emerging to detect AI involvement. In light of these concerns, we asked ChatGPT about its perceived benefits and challenges for writers. Its response is as follows:

1. Benefits of AI in Writing:

In the ever-evolving landscape of writing, AI tools offer a transformative impact for authors and editors across diverse domains. These tools serve as powerful aids in the research process, swiftly analyzing a vast array of literature and providing quick access to relevant information. For writers, AI capabilities extend to content generation, enabling the creation of initial drafts and summaries that serve as solid foundations for further refinement. Language enhancement features ensure that written pieces meet high linguistic standards, aiding both novice and experienced writers in crafting polished work. The streamlined processes and improved time management afforded by AI allow authors and editors to focus more on critical thinking and enhancing the overall quality of their content. These tools, with their multidisciplinary insights, contribute to a holistic approach, enhancing the efficiency of the writing and editing workflow across various genres.

2. Considerations and Limitations of AI in Writing:

However, the integration of AI in writing comes with its set of challenges. AI tools may occasionally struggle to grasp the nuanced context, leading to potential inaccuracies. Despite their prowess in content generation, critical thinking and nuanced interpretation, especially in complex scenarios, remain distinct strengths of human writers. Ethical and legal concerns arise, questioning responsibility for errors and adherence to ethical guidelines in the writing process. Over-reliance on technology poses a risk, emphasizing the importance of maintaining a balance that preserves the unique contributions of human expertise in the writing realm. Data security is also a consideration, particularly when dealing with sensitive information. Customization challenges may emerge as tailoring AI to specific writing styles or genre nuances may prove intricate. These considerations underscore the need for a thoughtful and cautious integration of AI in the broader landscape of writing."

I requested the ChatGPT to provide me with a reference for its generated content. The ChatGPT responded with a reference that reads, "GPT-3.5. Benefits of AI in Writing. 2023. Available from: OpenAI GPT-3.5 language mode". However, it also mentioned that the response is not archived, so the provided reference cannot be used to access the original response.

We, at the Journal of Neonatal Surgery, fully endorse the World Association of Medical Editors (WAME) statement on the use of Chatbots and AI tools in medical writing. [2] ChatGPT's responses have shown both potential benefits and challenges for reviewers and editors. Therefore, we suggest that Open Journal System (OJS), and other journal management systems, include a feature that can detect AI involvement in manuscript preparation. Similar to a similarity index, certain criteria must be developed to check and define the allowable depth of AI involvement in manuscript preparation. Additionally, a declaration of the use of AI

or chatbots in the research and its writing should be mandatory at the time of manuscript submission, similar to a conflict of interest and source of support declaration. This statement should be published with the manuscript to promote transparent writing practices.

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Artificial Intelligence Use: Grammarly was used to improve the manuscript write-up. The verbatim response of ChatGPT was also added.