

Open AI ≠ open writing: How transparent is current use and disclosure of artificial intelligence in publications?

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Scan to vote on what AI uses should be disclosed

Objective

To understand how transparently use of artificial intelligence (AI) is disclosed during development of peer reviewed publications

Methods

- ♦ A **targeted literature search** was conducted in PubMed to identify articles published between 1 March and 31 August 2025 in the *New England Journal of Medicine* (NEJM), *The Lancet*, *PLOS Medicine* and *Nature Medicine*
- ♦ **Freely available full-text, English-language articles** involving human subjects were included
- ♦ **Disclosure of AI use for publication development** was extracted and results are summarised descriptively

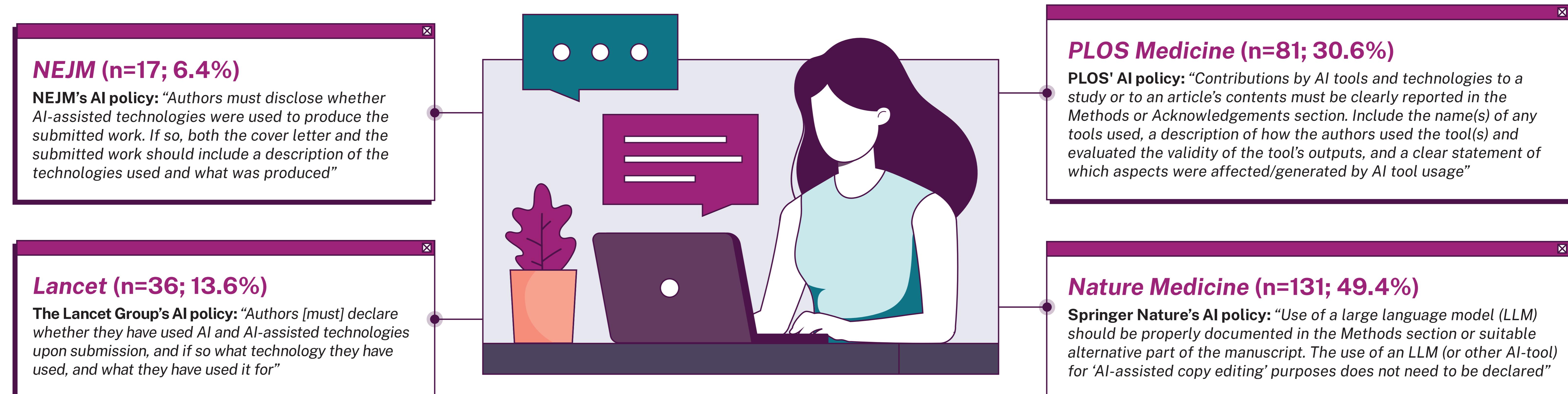
Conclusions

- ♦ Despite increasing discussion about use of AI in publication workflows, and evolving guidance on disclosure and transparency, the **use of AI was rarely disclosed in publications from major journals** over the 6-month assessment period
- ♦ Clear and standardised disclosure policies and guidance on AI disclosure may enhance transparency, reproducibility and trust

Journal policies

265 articles were included in the analysis

All 4 journals specified requirements for AI-use disclosure:



AI disclosure

3 articles (1.1%) disclosed AI use for publication development:



AI disclosure statements (n=3)

Nguyen PT et al. *PLOS Med.* 2025;22:e1004664 (Research article)

Acknowledgements: "Declaration of Generative AI Use: The authors independently drafted, revised, and edited the manuscript. ChatGPT was used solely for minor language refinement, with all modifications carefully reviewed and approved by the authors"

Wang T et al. *PLOS Med.* 2025;22:e1004665 (Research article)

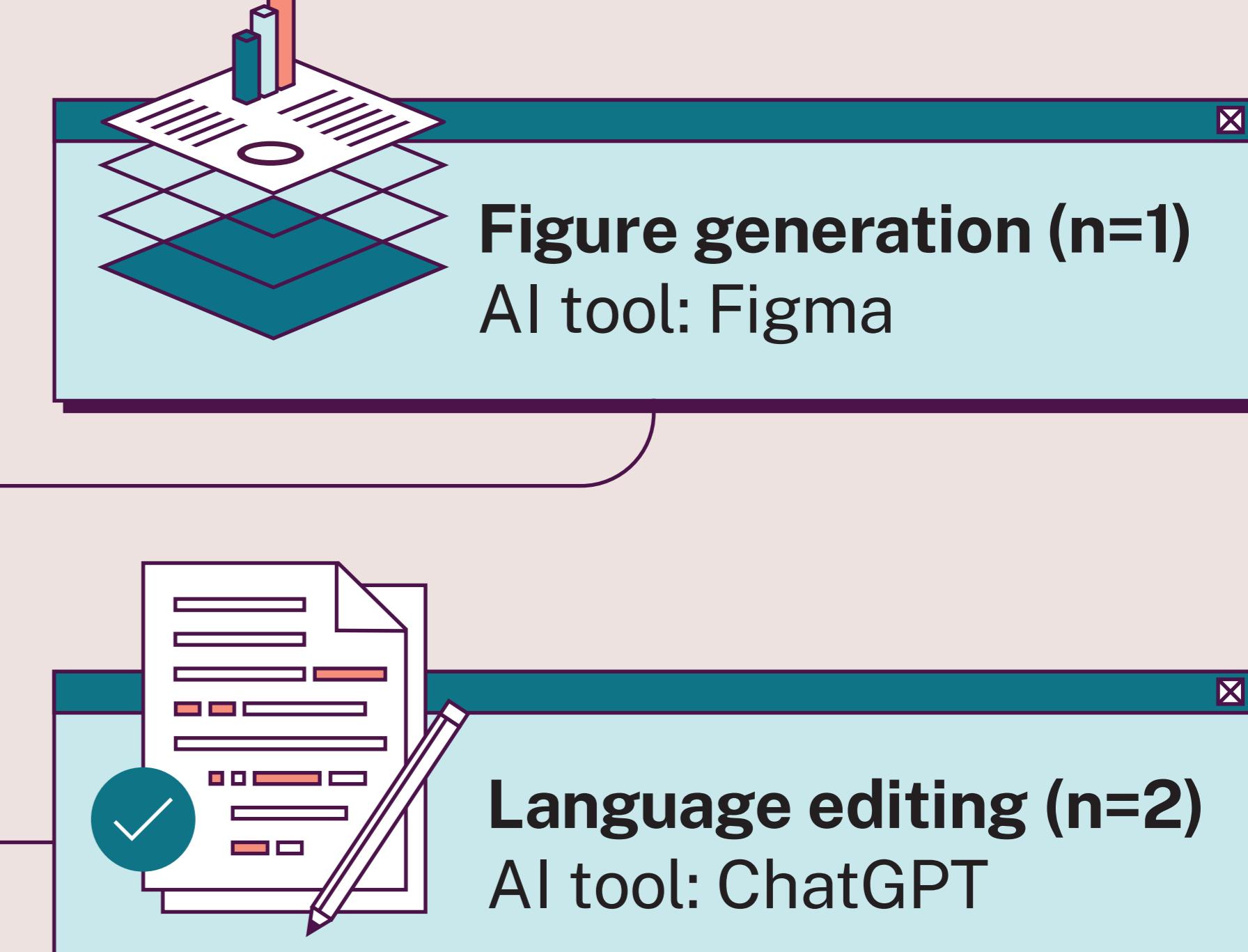
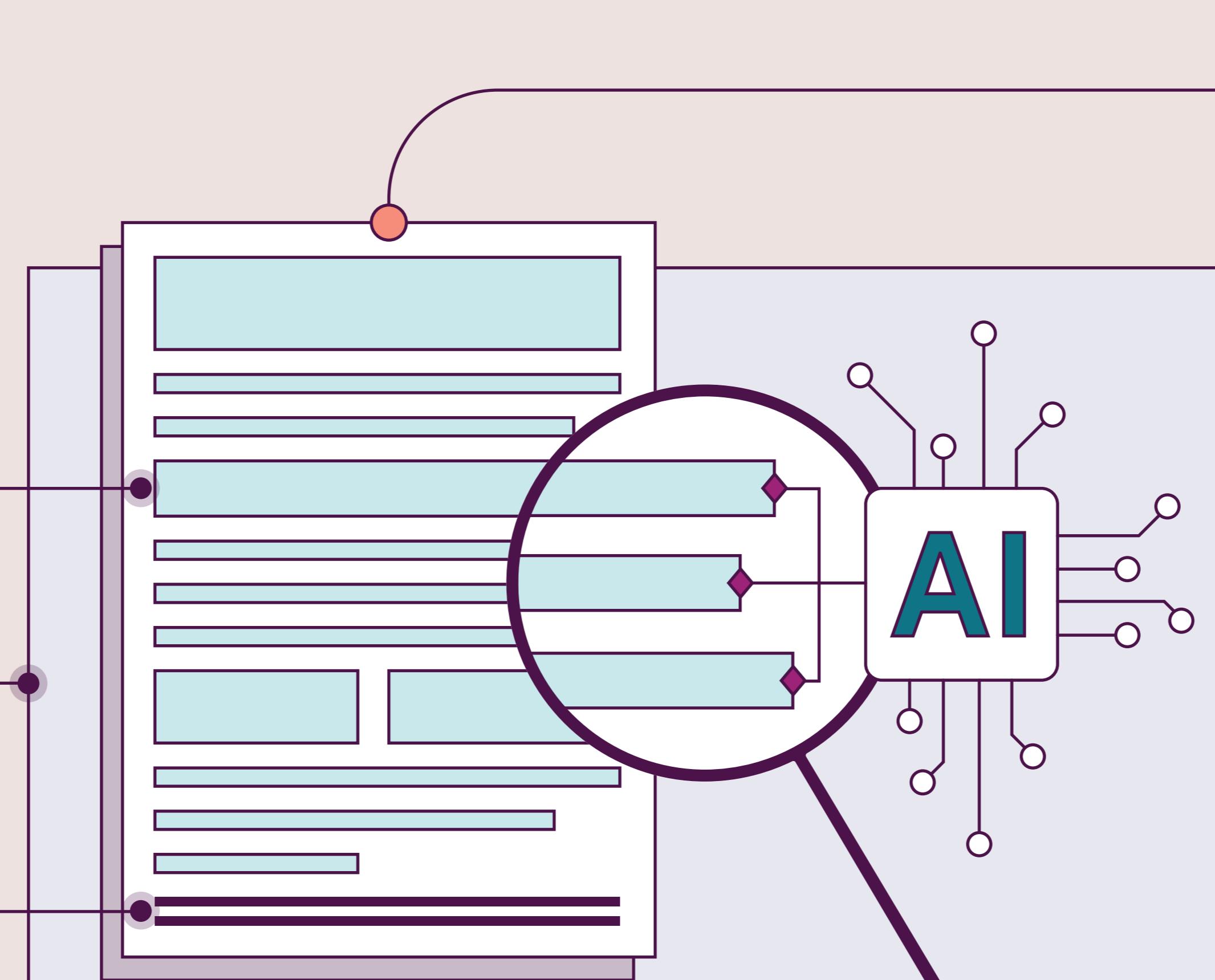
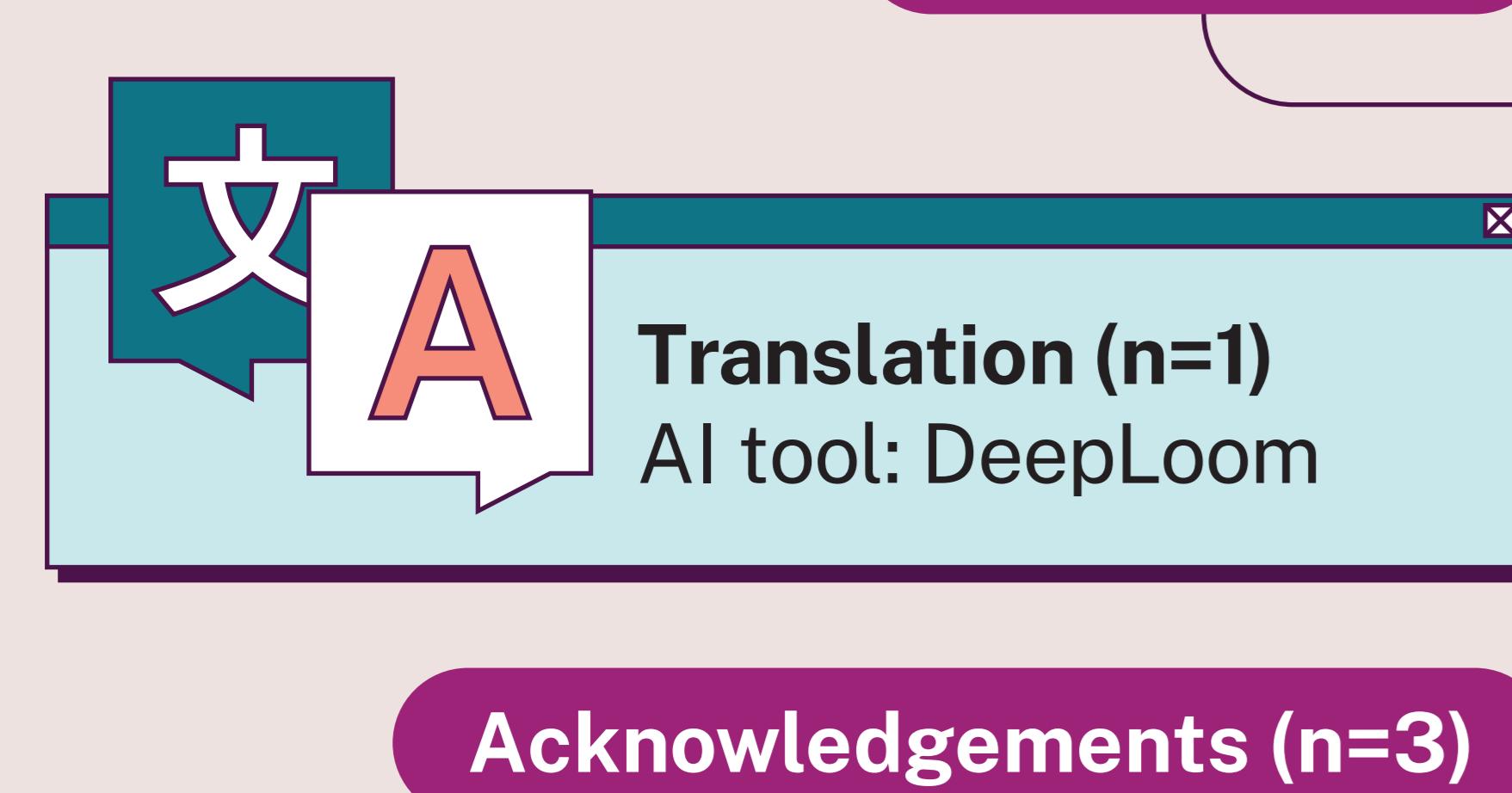
Acknowledgements: "We used ChatGPT for language editing in this study"

Sandmann S et al. *Nature Med.* 2025;31:2546–2549 (Brief communication)

Methods: "To generate patient queries, case reports were translated to English using the tool DeepL.com"
Acknowledgements: "The icons of Extended Data Fig. 1 were generated using Figma (<https://www.figma.com>)"

Which articles disclosed AI use for publication development in this analysis and where were they stated? | ➤

AI use and disclosure location



Abbreviations: AI: artificial intelligence; LLM: large language model; NEJM: New England Journal of Medicine; PLOS: Public Library of Science.

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