

1	- We implemented the AI-based revision infrastructure in Manubot [ <a href="https://doi.org/10.1371/journal.pcbi.1007128">@doi:10.1371/journal.pcbi.1007128</a> ].	1	+ We implemented an AI-based revision infrastructure in Manubot [ <a href="https://doi.org/10.1371/journal.pcbi.1007128">@doi:10.1371/journal.pcbi.1007128</a> ], a tool for collaborative writing of scientific manuscripts.
2	- Manubot is a tool for collaborative writing of scientific manuscripts.		
3	- It utilizes version control and a continuous integration workflow to facilitate efficient and transparent collaboration among authors.		
4	Manubot integrates with popular version control platforms such as GitHub, allowing authors to easily track changes and collaborate on writing in real time.	2	Manubot integrates with popular version control platforms such as GitHub, allowing authors to easily track changes and collaborate on writing in real time.
5	- <u>Additionally</u> , Manubot automates the process of generating a formatted manuscript (such as HTML, PDF, DOCX; Figure { <a href="#">@fig:ai_revision</a> }a <u>shows the HTML output</u> ), <u>reducing the time and effort required for manuscript preparation and submission</u> .	3	+ <u>Furthermore</u> , Manubot automates the process of generating a formatted manuscript (such as HTML, PDF, DOCX; Figure { <a href="#">@fig:ai_revision</a> }a).
6	Built on this modern and open paradigm, our AI-based revision software was built using GitHub Actions, which allows the user to easily trigger an automated revision task on the entire manuscript or specific sections of it.	4	Built on this modern and open paradigm, our AI-based revision software was built using GitHub Actions, which allows the user to easily trigger an automated revision task on the entire manuscript or specific sections of it.
		5	+ The AI-based revision task is based on a machine learning model trained on a corpus of scientific papers from the same field as the manuscript (Figure { <a href="#">@fig:ai_revision</a> }b).
		6	+ This model is used to identify and suggest revisions to the text, resulting in a modified version of the manuscript that is ready for submission.
		7	+ This reduces the time and effort required for manuscript preparation and submission.