

Response to the Topic Editor Report (ESSD-2024-363)

Dear Kirsten,

Thank you for getting back to us so promptly.

I have made the required change. I also took out the Zenodo DOI from the footnotes in the data availability section as Per Mario Ebel's comment:

Notification to the authors:

With the next revision, please transfer the DOI link <https://doi.org/10.5281/zenodo.11055711> itself from footnotes to the in-text citation (Vescovo et al., 2025) in the section "Data Availability".

A few of points:

- In the diff file there seems to be an issue with displaying the changes to the footnote (L:282 in the diff file and L:282 in the updated version of the manuscript)
- I have added a grant to the acknowledgement section at the end.
- I added a slight variation to the manuscript as supplement: **version 5_1**, in which I got rid of **all** footnotes in the "Data Availability" section (rather than just the one pointed out by Mario), hoping to anticipate potential issues with footnotes.

This version is otherwise equal to the submitted manuscript version (version 5). I provide this as an option but leave the final decision regarding what version to use up to your discretion.