

Dear Dr. Gerken,

Thank you for accepting our manuscript for publication in ESSD pending these final revisions.

We have addressed the requested changes as follows:

1. We added the clarification that all warming experiments included in the database were still ongoing at the time of publication. This information has been included both in the caption of Table S2 in the Supplement and in the main manuscript (Lines 327–328), which now reads:

"At the time of publication, all warming experiments included in the database were still ongoing (Table S2)."

2. We updated the Code and Data Availability section by removing the conditional wording. The dataset and code have now been published on Zenodo, and we also provide a GitHub repository where the code is archived.

We would like to thank you and the two reviewers once again for your constructive feedback throughout the review process.

Kind regards,

Sarah Schwieger
On behalf of all co-authors