

Dear Editor,

Thank you for the chance to revise and resubmit our paper. We have gone through the manuscript thoroughly and corrected grammatical errors and further sought to clarify the text. In particular we have made changes to shorten and clarify the abstract text.

We have also added a Data Availability section at the end of the manuscript as required. We have included comma delimited text with Supplemental Table 1 in the supplemental material. This may be rather cumbersome for readers. We have deposited the data in the Pangea repository, but unfortunately our doi did not yet get assigned, which is why I added the data to the supplemental file.

The figures should now all be at the appropriate resolution, and are included as a separate file.

Thank you so much for your patience in handling our paper, we know it was much improved by the review process.

Best regards,

Susan Trumbore (on behalf of co-authors)