

Dear Editor,

Please find attached our new manuscript as well as a document highlighting the differences between the previous and new version. We made edits to address the comments by the two reviewers and Richard Chandler which we describe in detail in our reviewer responses posted in the open discussion.

While addressing these comments, we also found an error in the `ibicus` function for plotting boxplots which excluded some of the locations from being shown in the boxplots. We have corrected this error and updated the boxplots. The additional locations now included in the plots do not change the main results.

Furthermore, we used the matplotlib 'colorblind' palette and tested the colours of our plots for different forms of colour blindness. However, in case the colouring of the plots is not as requested and required by the journal we would welcome support on this issue.

Sincerely,
Fiona Spuler, Jakob Wessel