

Associate editor comments

- In the main text, Table 2 is cited before Table 1 (Line 45). Please, adjust table number accordingly. **Done. Removed ref to table 2 as this wasn't needed.**
- The references at lines 64-65 (Schiebel and Hemleben, 2005) (Zarkogiannis et al., 2022) read a bit out of place. Maybe the period needs to be moved? **I think this was a problem with the referencing software as they were supposed to be deleted from the manuscript. They have now been removed.**
- Table 1 – please provide full species name. **Done.**
- Line 350. 'We use Bayesian regression to determine whether the there is...' – remove 'the'. **Done**
- Table 3. "Summary of Bayesian model results for species that required and Principal Component Analysis to remove collinearity from models". Could you please rephrase? I am afraid it is not very clear. **Edited- removed the accidental 'and'**
- Section 3.4 – a lot of information presented in this section belongs to the discussion. See text at lines 419-423, 436-459, 467-477, and 511-529. Please, move these parts in a dedicated section in the Discussion part of the manuscript.

I am concerned that moving the proposed text from section 3.4 and adding it to a discussion section would severely impact the coherency of the manuscript. Given the turnaround time and that this has not previously been flagged by reviewers, we have not edited section 3.4 in the new version of the manuscript. Though if this is something which is vital for publication, we can make these edits, but will need some more time for the adjustments.

Referee #1: Huber, Brian

Thank you for your feedback. **I have made the suggested edits.**