

Dear editor,

Thank you for your corrections to our paper.

- We have integrated the suggestions by the 4 reviewers following our responses to each of them. In the revised version of the manuscript we are highlighting such updates.
- References to data repositories and software (with their brand new DOI) are also cited. An example of a review link is provided herein:

<https://dataservices.gfz-potsdam.de/panmetaworks/review/032b84c9eb546155d1070387cd93cdd70fedf6185634552e93154f7a19b16e61/>

- We have improved the quality of the figures. Some of them have a different numeration in this version to ensure a more coherent reading.
- We also let you know that we asked a native English speaker to provide us a strict language review. The new version has been significantly improved in that regard.

We sincerely thank you for your time,

With best regards,

*Juan Camilo Gomez-Zapata on behalf of the team of authors.*