

Response to Juan Antonio Añel

We thank the Editor for their supportive comments about our work. Note that we use the abbreviation **EC** for Editor comments and **AR** for our authors' response in the following. Removed text is shown in red, e.g., ~~this text has been removed~~. New text is shown in blue, e.g., this text has been added.

EC: We have checked your manuscript, and unfortunately, at the moment, it does not comply with our 'Code and Data Policy'. Currently, you archive the code of your model in Github. However, as we state in our policy and Github on its website, it is not a suitable repository for long-term archival.

AR: Dear Juan Antonio Añel, thanks for letting us know about the data storage limitations of Github. We have now migrated RHEA to a long term storage platform. Please find our revisions about the data availability in the manuscript as follows:

Line 349: Code and data availability. ~~The RHEA code is available in the GitHub repository <https://github.com/josebastiase/RHEA>. Verification and examples included in this work are found in the examples folder of the GitHub repository.~~ The RHEA code as well as verification and examples included in this work are available in the Zenodo repository: <https://zenodo.org/record/4767832#.YKKPjyaxVhE>.