

Dear Professor Winguth,

Thank you very much for seeing our manuscript through to publication. I have addressed the final suggestion from the reviewer to upload a repository accompanying the manuscript. We greatly appreciate the time and considered comments from the reviewers who helped improve the manuscript.

Referee #2 final comment:

As an optional revision, I would suggest uploading a method protocol at Zenodo alongside the code and data supporting this paper.

- The data were originally generated on the New Zealand eScience Infrastructure HPC in the order of terabytes, so I am unable to upload the data itself. However, I did the next best thing and created a clean repository with all the functions used in the manuscript. The repository has a DOI generated by Zenodo and has been included in the data availability statement in the manuscript.

Kind regards on behalf of the authors,

Quinn Asena