

Interactive comment on “Ocean carbon and nitrogen isotopes in CSIRO Mk3L-COAL version 1.0: A tool for palaeoceanographic research” by Pearse J. Buchanan et al.

Pearse J. Buchanan et al.

pearse.buchanan@utas.edu.au

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Reviewer 1 provided some very generous comments of our work and we would like to thank them for those comments. The reviewer also had one primary suggestion that we agree would improve the manuscript.

Their concern about not including CESM simulations of carbon and nitrogen isotopes is valid. We have contacted the lead authors of two publications that contain model output of the nitrogen and carbon isotopes in this model.

We have subsequently heard back from Simon Yang, the author of a study using N

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isotopes (Yang & Gruber, 2016, Global Biogeochemical Cycle), and have included this in the paper.

Interactive comment on Geosci. Model Dev. Discuss., <https://doi.org/10.5194/gmd-2018-225>, 2018.

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