

Geosci. Model Dev. Discuss., author comment AC2  
<https://doi.org/10.5194/gmd-2021-175-AC2>, 2022  
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## Reply on RC3

Sophy Oliver et al.

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Author comment on "A derivative-free optimisation method for global ocean biogeochemical models" by Sophy Oliver et al., Geosci. Model Dev. Discuss., <https://doi.org/10.5194/gmd-2021-175-AC2>, 2022

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Hello,

We thank the reviewer very much for their comments and corrections. We have made revisions as suggested in all comments made by the reviewer, with the one exception of item 47 in the attached document, where we hope the new information provided justifies this decision.

In the itemised list in the attached document, we have responded to each of the suggestions and comments provided by the reviewer (in italics). We thank the reviewer for these, and hope we have responded satisfactorily and clearly.

Please also note the supplement to this comment:

<https://gmd.copernicus.org/preprints/gmd-2021-175/gmd-2021-175-AC2-supplement.pdf>