

Geosci. Model Dev. Discuss., referee comment RC2  
<https://doi.org/10.5194/gmd-2021-175-RC2>, 2021  
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## Reply on AC1

Anonymous Referee #1

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Referee 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-RC2>, 2021

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Many thanks for your reply.

Indeed, I was also wondering about the case that you are addressing in the second half of item 1:

considering each grid point of the ocean biogeochemical model as a component of the misfit vector.

Might be worth to briefly include that thoughts in Section 2.5 of the paper, too.