

***Interactive comment on “A dynamical reconstruction of the Last Glacial Maximum ocean state constrained by global oxygen isotope data” by Charlotte Breitkreuz et al.***

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Dear authors, The discussion phase of your paper will continue for a couple of weeks. However, I would like to encourage you to already answer the main questions and major points raised by the referees. This is a good way to start a discussion, either with the referees or even with other readers.

In particular referee#1 insists that more precise definitions should be given. This referee also suggests to provide information/results about the modern AMOC. I agree with this point, as long as this remains brief.

C1

Comments of referee#3 are more related to the methodology and the implementation of the adjoint method. Response to these comments would also be very useful.

I remind you that in any case you will have to answer point by point to all the comments/questions from the referees.

Best regards, Marie-France

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Interactive comment on Clim. Past Discuss., <https://doi.org/10.5194/cp-2019-52>, 2019.

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