

Interactive comment on “The influence of the ocean circulation state on ocean carbon storage and CO₂ drawdown potential in an Earth system model” by Malin Ödalen et al.

Anonymous Referee #1

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Final comment was clipped during upload. Here is the complete sentence:

Pg 20 LN 17 – Technically the authors have not shown the role of “AMOC strength,” which refers specifically to the Atlantic overturning limb. The plots calculate the difference between northern (Atlantic) and southern source components and thus combine the roles of the northern and southern overturning strengths. Changes in the southern source might mask changes in the AMOC alone. I suggest using a different phrase here.

Interactive comment on Biogeosciences Discuss., https://doi.org/10.5194/bg-2017-166, 2017.

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Discussion paper

