

Clim. Past Discuss., community comment CC1  
<https://doi.org/10.5194/cp-2021-8-CC1>, 2021  
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## **Comment on cp-2021-8**

Andreas Schmittner

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Community comment on "Evolution of mean ocean temperature in Marine Isotope Stage 4" by Sarah Shackleton et al., Clim. Past Discuss.,  
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In your discussion of the solubility effect I suggest to consider new results from Khatiwala et al. (2019, doi: 10.1126/sciadv.aaw4981) that show disequilibrium effects lead to a much larger temperature effect on atmospheric CO<sub>2</sub> that previously thought.