

Clim. Past Discuss., community comment CC1 https://doi.org/10.5194/cp-2021-8-CC1, 2021 © Author(s) 2021. This work is distributed under the Creative Commons Attribution 4.0 License.

## Comment on cp-2021-8

Andreas Schmittner

Community comment on "Evolution of mean ocean temperature in Marine Isotope Stage 4" by Sarah Shackleton et al., Clim. Past Discuss., https://doi.org/10.5194/cp-2021-8-CC1, 2021

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 CO2 that previously thought.