

Geosci. Model Dev. Discuss., author comment AC2  
<https://doi.org/10.5194/gmd-2022-110-AC2>, 2022  
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## **Reply on RC1**

Zhanpeng Zhuang et al.

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Author comment on "Improved upper-ocean thermodynamical structure modeling with combined effects of surface waves and  $M_2$  internal tides on vertical mixing: a case study for the Indian Ocean" by Zhanpeng Zhuang et al., Geosci. Model Dev. Discuss., <https://doi.org/10.5194/gmd-2022-110-AC2>, 2022

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Please see the attached PDF.

Please also note the supplement to this comment:

<https://gmd.copernicus.org/preprints/gmd-2022-110/gmd-2022-110-AC2-supplement.pdf>