

Atmos. Meas. Tech. Discuss., author comment AC1
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Reply on CC1

Oscar S. Sandvik et al.

Author comment on "Methodology to obtain highly resolved SO₂ vertical profiles for representation of volcanic emissions in climate models" by Oscar S. Sandvik et al., Atmos. Meas. Tech. Discuss., <https://doi.org/10.5194/amt-2021-94-AC1>, 2021

We thank Lars, Sabine, and Xue for reaching out to us.

We were not aware of the Wu et al. paper when writing the manuscript, and are relieved that the authors contacted us at such an early stage. We have contacted the authors and added their data to Fig. 7 (now Fig. 8). We added their study in the introductions section and added a reference to their study.

Please see attached file.

Please also note the supplement to this comment:

<https://amt.copernicus.org/preprints/amt-2021-94/amt-2021-94-AC1-supplement.pdf>