

***Interactive comment on “A convolution of observational and model data to estimate age of air spectra in the northern hemispheric lower stratosphere” by Marius Hauck et al.***

**Marius Hauck et al.**

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We thank both referees for their comments on our manuscript.

Please find our detailed answers and a mark-up version of our manuscript in the attachment.

Please also note the supplement to this comment:

<https://www.atmos-chem-phys-discuss.net/acp-2020-167/acp-2020-167-AC1-supplement.pdf>

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Interactive comment on Atmos. Chem. Phys. Discuss., <https://doi.org/10.5194/acp-2020-167>, 2020.

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