

Interactive comment on “Merged SAGE II, Ozone_cci and OMPS ozone profiles dataset and evaluation of ozone trends in the stratosphere” by Viktoria F. Sofieva et al.

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Dear Reviewer,

Thank you very much for your very positive comments on our paper acp-2017-598 “Merged SAGE II, Ozone_cci and OMPS ozone profiles dataset and evaluation of ozone trends in the stratosphere”.

We rephrased the sentence p. 15, line 13 as you suggested: “This filtering does not affect the absolute majority of cases...”

We have added more explanation to the caption of Fig. 12. The new caption is:

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“Schematic illustration (arbitrary y-axis scaling) of two extreme cases of individual anomalies and their uncertainties. Colored error bars: individual anomalies, black: merged (median) anomaly. Left: significantly different individual anomalies with non-intersecting error bars, right: nearly coinciding individual anomalies.”

On behalf of all co-authors,

Viktoria Sofieva

Interactive comment on Atmos. Chem. Phys. Discuss., <https://doi.org/10.5194/acp-2017-598>, 2017.

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