

Review of Model estimations of geophysical variability between satellite measurements of ozone profiles by Patrick Sheese et al

This paper discusses the geophysical variability encountered in the comparison of ACE-FTS and OSIRS for different coincident criteria using model fields. The author addressed successfully many comments in the new version, only a few minor comments remain.

Minor comments:

P6 line 22: The discussion of Figure 1 uses ppbv as well as ppmv. Please use only ppmv to improve readability.

Figure 5 x-label should be $\Delta\text{VMR} [\%]$ not $2\sigma \Delta\text{VMR} [\%]$, the figure shows the bias and the 2σ geophysical variability.

Figure 8, Please include the bias (the layout can be similar to figure 2).

Figure 9 was updated but the caption was not (i.e., there is no description for the first panel)