

## ***Interactive comment on “Modelling study of the impact of deep convection on the UTLS air composition – Part I: Analysis of ozone precursors” by V. Marécal et al.***

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The statistical comparison between MOPITT CO and the model is consistent in terms of mean, but the model variability is too large in the 500-700 hPa pressure range. It is interesting to note that the average RAMS model CO without being smoothed by the MOPITT averaging kernels looks similar to the MOPITT CO monthly mean. It would be interesting to see the impact of the averaging kernels (even monthly kernels) on the variability and mean of the model.

Interactive comment on Atmos. Chem. Phys. Discuss., 5, 9127, 2005.

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