

Interactive comment on “Comparison of SMILES CIO profiles with other satellite and balloon-based measurements” by H. Sagawa et al.

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Please find the attached pdf for our responses to the reviewer comments.

Please also note the supplement to this comment:

<http://www.atmos-meas-tech-discuss.net/6/C1841/2013/amtd-6-C1841-2013-supplement.pdf>

Interactive comment on Atmos. Meas. Tech. Discuss., 6, 613, 2013.

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Interactive Discussion

Discussion Paper



Response to the Reviewer 1

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We deeply thank the reviewers for their works and constructive comments on our article. Please find below our general response followed by the responses to each comment.

We found that both reviewers pointed out the weakness in the comparison methodology of the original submitted manuscript. To improve the quality of the paper, we applied the following major updates on the manuscript:

- Ground-based measurements are newly added for the comparison. We would like to include B. J. Connor, who is responsible for the analysis of the ground-based CIO measurements, as a coauthor of this paper. In order to make the paper title consistent with the updated content, we would like to change it to “**Comparison of SMILES CIO profiles with satellite, balloon-borne, and ground-based measurements**”. C1842
- Comparison of the SMILES and Envisat MIPAS CIO profiles has been updated

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