

## Response to Editors comments on acp-2015-731:

Dear Editor,

We highly appreciate your time and valuable remarks. We would also like to thank the reviewers for their insightful comments and suggestions on the manuscript. The reviews and detailed comments from the editor and reviewers have greatly improved the manuscript. Below you will find our replies to your latest comments. We have also fixed a few more typos.

Carbon Monoxide Climatology derived from the Trajectory Mapping of Global MOZAIK-IAGOS Data, by M. Osman, D. W. Tarasick, J. Liu, O. Moeini, V. Thouret, V.E. Fioletov, M. Parrington, and P. Nédélec

A few remaining technical points I have noticed:

p 1, l 24: if you introduce a “first” there should also be a “second”

We thank the editor for drawing our attention to this oversight. The text has been revised to address it.

p1 l 31: the data were “compared” but you should also state the result of the comparison

Following the editor's comments, the text has been revised to address it. We are grateful for bringing that to our attention.

Throughout the paper: do not use italics for chemical formulas (`\chem` would work in LaTeX)

Done. We thank the editor for bringing this important point to our attention

Check the references, I noticed a few issues:

You have  $106 \pm 108$  (?) as the volume in Crutzen, P. (1973), 106 is correct. Add the doi:

10.1007/BF00881092 and change “Crutzen, P. A.” to “Crutzen, P.”

Done. We thank the editor for helpful remarks.

change “Ne´de´lec” to “Nédélec, P.”

Done. We thank the editor for identifying it.

change: “G`unther” to “Günther”

Done. Thank you for noticing it.

change: “M`uller” to “Müller”

Corrected. Thank you for your careful review.