

## ***Interactive comment on “Quantification of the depletion of ozone in the plume of Mount Etna” by L. Surl et al.***

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In addition to the changes made to the manuscript made in response to the reviewers' comments, a few other changes have been made.

(A) Following personal communication, we have reduced the level of detail regarding the methodology of the filter pack measurements, and have instead directed the reader more clearly to Wittmer et al (2014) which discusses these measurements in more detail.

(B) We have corrected an error in the instrumentation section, the chemical in the scrubber is CrO<sub>3</sub> and not Cr<sub>2</sub>O<sub>3</sub>.

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(C) A slight change to the model setup has been made to account for an inaccuracy we detected in the vertical distribution of the modelled plume. The runs have been re-done, however the difference in the output is negligible and no alterations in the associated commentary in the text were necessary.

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