

***Interactive comment on “Phenomenology of summer ozone episodes over the Madrid Metropolitan Area, central Spain” by Xavier Querol et al.***

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Dear referee#1,

Thanks a lot for your review and constructive critical comments on our paper. We fully agree with your comments on the contribution of subsidence O<sub>3</sub> that, as you commented, we mentioned in the introductory section but not considered in an appropriate way when interpreting surface data. For sure we will follow your suggestions in addressing these changes in the revised version.

We will refer also to W Mediterranean instead of Mediterranean or S Europe, when

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referring to the spatial ambit of application for our results for O<sub>3</sub>.

Thanks a lot again for your constructive comments

Xavier Querol

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Interactive comment on Atmos. Chem. Phys. Discuss., <https://doi.org/10.5194/acp-2017-1014>, 2017.

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