RESPONSE TO EDITOR

For 'Sources of Surface O_3 in the UK: Tagging O_3 within WRF-Chem' by Johana Romero-Alvarez, Aurelia Lupaşcu, Douglas Lowe, Alba Badia, Scott Archer-Nicholls, Steve R. Dorling, Claire E. Reeves, and Tim Butler

Comments to the author:
Dear Authors,
Thank you for submission of a revised manuscript and your response to the referees comments. I think the paper is basically ready for publication, but a technical issue remains. The data availability statement in the manuscript mentions modifications made to the WRF model that are "introduced and described in Section 2". It is not clear to me which modifications you mean. The modifications should be clearly explained in Section 2. Furthermore, in the data policy statement you mention "The modification introduced and described in Section 2 as well as the model data can be provided upon request." According to the data policy of ACP, such information and data should be made available, for example, in the Supplement or in a public repository (https://www.atmospheric-chemistry-and-physics.net/policies/data_policy.html). Please provide the requested information, accordingly.

Non-public comments to the Author:
Please proceed as discussed in our emails.

We appreciate the editors' positive assessment of the manuscript.
A paragraph describing the model's modifications needed to accommodate the ozone tagging mechanism in WRF-Chem has been included in session 2.
The chemical mechanism, as well as the model output, are now available online via Zenodo at https://doi.org/10.5281/zenodo.6968040 and https://doi.org/10.5281/zenodo.6968649