

We would like to thank the reviewers for their work and helpful comments. They have helped to significantly improve the manuscript. In the following, the technical remarks are listed in black text and our corresponding replies are given in blue.

Reviewer 3

The authors have addressed my comments in a satisfactory way, and the discussion has been extended to other quantities including PM. The abstract is now more balanced. The introduction of the relative AV-difference is a good addition. The approach is now better explained, and properly refers to the CAMS activity and the Joly-Peuch paper.

Please add the latest publication for the CAMS ensemble as addition to the Marecal reference (even though it is a preprint at this moment): Colette et al., <https://doi.org/10.5194/egusphere-2024-3744>. Marecal et al is 10 years old and no longer up-to-date.

Thank you for again revising our manuscript and pointing out the more recent publication. We have added it to the text, as suggested.

The paragraph now reads: “An overview of the ensemble and the models used within can be found in Marecal et al. (2015) and Colette et al. (2025). “