

Geosci. Model Dev. Discuss., author comment AC1
<https://doi.org/10.5194/gmd-2021-26-AC1>, 2021
© Author(s) 2021. This work is distributed under
the Creative Commons Attribution 4.0 License.

Reply on CEC1

Annika Vogel and Hendrik Elbern

Author comment on "Efficient ensemble generation for uncertain correlated parameters in atmospheric chemical models: a case study for biogenic emissions from EURAD-IM version 5" by Annika Vogel and Hendrik Elbern, Geosci. Model Dev. Discuss.,
<https://doi.org/10.5194/gmd-2021-26-AC1>, 2021

We are grateful for the detailed information and suggestions and hope that the manuscript does now fulfill all criteria. A detailed reply is given in the supplemental file. The two main points can be summarized as follows:

- We added the suggested information on the model to the title as suggested.
- To be specific, the EURAD-IM model itself is not required. The developments presented in this article does only require the output of an chemical transport model, which is the EURAD-IM model for the presented results. The input used in this study was made availbale online as stated in the code and data availability statement.

Please also note the supplement to this comment:

<https://gmd.copernicus.org/preprints/gmd-2021-26/gmd-2021-26-AC1-supplement.pdf>