

Geosci. Model Dev. Discuss., author comment AC2 https://doi.org/10.5194/gmd-2021-30-AC2, 2021 © Author(s) 2021. This work is distributed under the Creative Commons Attribution 4.0 License.

## Reply on RC2

Philipp Franke et al.

Author comment on "Particle-filter-based volcanic ash emission inversion applied to a hypothetical sub-Plinian Eyjafjallajökull eruption using the Ensemble for Stochastic Integration of Atmospheric Simulations (ESIAS-chem) version 1.0" by Philipp Franke et al., Geosci. Model Dev. Discuss., https://doi.org/10.5194/gmd-2021-30-AC2, 2021

We thank RC2 for his valuable coments. We have compiled our response to RC2 in a pdf file. Please see the supplement to this response.

Please also note the supplement to this comment: <a href="https://gmd.copernicus.org/preprints/qmd-2021-30/qmd-2021-30-AC2-supplement.pdf">https://gmd.copernicus.org/preprints/qmd-2021-30/qmd-2021-30-AC2-supplement.pdf</a>