

Geosci. Model Dev. Discuss., author comment AC1 https://doi.org/10.5194/gmd-2021-180-AC1, 2021 © Author(s) 2021. This work is distributed under the Creative Commons Attribution 4.0 License.

## **Reply on RC1**

Jessica Keune et al.

Author comment on "A unified framework to estimate the origins of atmospheric moisture and heat using Lagrangian models" by Jessica Keune et al., Geosci. Model Dev. Discuss., https://doi.org/10.5194/gmd-2021-180-AC1, 2021

We thank the referee for reviewing the paper, their time and the very constructive feedback — which will help us to further improve the quality of our manuscript. Please find attached our response with a detailed reply to each comment.

Please also note the supplement to this comment: <u>https://gmd.copernicus.org/preprints/gmd-2021-180/gmd-2021-180-AC1-supplement.pdf</u>