

Geosci. Model Dev. Discuss., author comment AC2 https://doi.org/10.5194/gmd-2021-415-AC2, 2022 © Author(s) 2022. This work is distributed under the Creative Commons Attribution 4.0 License.

## Reply on RC1

Romit Maulik et al.

Author comment on "Efficient high-dimensional variational data assimilation with machine-learned reduced-order models" by Romit Maulik et al., Geosci. Model Dev. Discuss., https://doi.org/10.5194/gmd-2021-415-AC2, 2022

Thank you for your comments. We have addressed them in the revision. We also attach a response letter here.

Please also note the supplement to this comment: <a href="https://gmd.copernicus.org/preprints/gmd-2021-415/gmd-2021-415-AC2-supplement.pdf">https://gmd.copernicus.org/preprints/gmd-2021-415/gmd-2021-415-AC2-supplement.pdf</a>