

Geosci. Model Dev. Discuss., author comment AC2 https://doi.org/10.5194/gmd-2021-71-AC2, 2021 © Author(s) 2021. This work is distributed under the Creative Commons Attribution 4.0 License.

## Reply on RC2

Ashesh Chattopadhyay et al.

Author comment on "Towards physics-inspired data-driven weather forecasting: integrating data assimilation with a deep spatial-transformer-based U-NET in a case study with ERA5" by Ashesh Chattopadhyay et al., Geosci. Model Dev. Discuss., https://doi.org/10.5194/gmd-2021-71-AC2, 2021

We thank the referee for their insightful comments and questions. Herein, we attach the point-by-point response to the referee's comments.

Please also note the supplement to this comment: <a href="https://gmd.copernicus.org/preprints/gmd-2021-71/gmd-2021-71-AC2-supplement.pdf">https://gmd.copernicus.org/preprints/gmd-2021-71/gmd-2021-71-AC2-supplement.pdf</a>