

Atmos. Chem. Phys. Discuss., author comment AC1  
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## Reply on RC1

Abhinna K. Behera et al.

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Author comment on "On the cross-tropopause transport of water by tropical convective overshoots: a mesoscale modelling study constrained by in situ observations during the TRO-Pico field campaign in Brazil" by Abhinna K. Behera et al., Atmos. Chem. Phys. Discuss., <https://doi.org/10.5194/acp-2021-543-AC1>, 2021

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We sincerely thank the reviewer for the pertinent and insightful comments that encouraged us to improve our manuscript. The point-by-point response to the reviewer's comments is documented here. The reviewer's original comments are listed. Italic and boldface fonts are used in the typesets. Each remark is followed by our response. When a change is made to the original version of the manuscript, the word "adjusted" is always included in the response. Unless otherwise specified, the line numbers, page numbers, figure numbers, and table numbers refer to the original version of the manuscript. We have also attached the revised version of the manuscript.

P.S.-: Please find the attachments.

Please also note the supplement to this comment:  
<https://acp.copernicus.org/preprints/acp-2021-543/acp-2021-543-AC1-supplement.zip>