

Atmos. Meas. Tech. Discuss., author comment AC2  
<https://doi.org/10.5194/amt-2021-352-AC2>, 2022  
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## Reply on RC2

Willem J. Marais and Matthew Hayman

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Author comment on "Extending water vapor measurement capability of photon-limited differential absorption lidars through simultaneous denoising and inversion" by Willem J. Marais and Matthew Hayman, Atmos. Meas. Tech. Discuss.,  
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We thank the reviewer for the time spent on reading the paper in detail and providing us with helpful feedback. Here are the response to some of the specific comments.

**Statement:** Links are provided for the data sources. The code will be made accessible via github, but maybe a repository like the CERN repository zenodo.org, which offers a github integration would be a better choice as it allows to use DOI also for code repositories.

**Response:** Thank you for this suggestion, the authors will explore this repository option in the future. Currently we have DOI for the raw MPD data (<https://doi.org/10.26023/MX0D-Z722-M406>). For now, the PTV processed MPD data is available on request and the processed standard data is in the ARM data archive. Additionally future processed field data will be archived by NCAR's existing data management system.