

Atmos. Meas. Tech. Discuss., referee comment RC2  
<https://doi.org/10.5194/amt-2021-360-RC2>, 2021  
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## Reply on RC1

Anonymous Referee #1

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Referee comment on "Air quality observations onboard commercial and targeted Zeppelin flights in Germany – a platform for high-resolution trace-gas and aerosol measurements within the planetary boundary layer" by Ralf Tillmann et al., Atmos. Meas. Tech. Discuss., <https://doi.org/10.5194/amt-2021-360-RC2>, 2021

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Forgot the references:

Choi et al. Assessment of NO<sub>2</sub> observations during DISCOVER-AQ and KORUS-AQ field campaigns. <https://doi.org/10.5194/amt-13-2523-2020>. 2020.

Flynn et al. Relationship between column-density and surface mixing ratio: Statistical analysis of O<sub>3</sub> and NO<sub>2</sub> data from the July 2011 Maryland DISCOVER-AQ mission. AE. <https://doi.org/10.1016/j.atmosenv.2014.04.041>. 2014.

Flynn et al. Variability of O<sub>3</sub> and NO<sub>2</sub> profile shapes during DISCOVER-AQ: Implications for satellite observations and comparisons to model-simulated profiles. AE. <https://doi.org/10.1016/j.atmosenv.2016.09.068>. 2016.

Li et al. Comprehensive evaluations of diurnal NO<sub>2</sub> measurements during DISCOVER-AQ 2011: effects of resolution-dependent representation of NO<sub>x</sub> emissions. ACP. <https://doi.org/10.5194/acp-21-11133-2021>. 2021.

Valin et al. Variations of OH radical in an urban plume inferred from NO<sub>2</sub> column measurements. GRL. <https://doi.org/10.1002/grl.50267>. 2013.