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Interactive comment on "Comparison of GTO-ECV and Adjusted-MERRA total ozone columns from the last two decades and assessment of interannual variability" *by* Melanie Coldewey-Egbers et al.

Anonymous Referee #2

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This is an extremely well-written and well-presented paper on the comparisons between space-born and modelled total columns. It is quite important for non-informed users of all the datasets described in this text to have this work as reference for their own particular applications. I strongly suggest that the authors include a clear statement on their opinion for the capabilities of these datasets: can they be used as they are for trend studies? for inter-sensor comparisons? for climate forcing applications? a paragraph with a strong message in this direction in the conclusions should be enough. Detailed comments and suggestions for improvements can be

found in the attached annotated document.

Please also note the supplement to this comment:
https://www.atmos-meas-tech-discuss.net/amt-2019-297/amt-2019-297-RC2-supplement.pdf

Interactive comment on Atmos. Meas. Tech. Discuss., doi:10.5194/amt-2019-297, 2019.