Comment on acp-2021-27
Anonymous Referee #2

Referee comment on "Spatiotemporal changes in aerosol properties by hygroscopic growth and impacts on radiative forcing and heating rates during DISCOVER-AQ 2011" by Daniel Pérez-Ramírez et al., Atmos. Chem. Phys. Discuss., https://doi.org/10.5194/acp-2021-27-RC2, 2021

The paper by Perez and co-authors present a very interesting set of results obtained from different platforms such as lidar and radiosonde measurements that allowed the retrieval of aerosol hygroscopic growth factor obtained from airborne in-situ measurements. The paper is extensive as it also offers data from sunphotometry for validation and ultimately an evaluation of the radiative forcing by the measured aerosol optical properties. These results are one of a kind and very worthy of being published and the paper in its present form is suitable for direct publication. My only general comment is that I had the impression throughout the paper there were changes in the fonts used as typesetting.