

Atmos. Chem. Phys. Discuss., author comment AC1 https://doi.org/10.5194/acp-2020-533-AC1, 2021 © Author(s) 2021. This work is distributed under the Creative Commons Attribution 4.0 License.

## Comment on acp-2020-533 by Djacinto Monteiro dos Santos

Djacinto Monteiro dos Santos et al.

Author comment on "Physical and chemical properties of urban aerosols in São Paulo, Brazil: links between composition and size distribution of submicron particles" by Djacinto Monteiro dos Santos et al., Atmos. Chem. Phys. Discuss., https://doi.org/10.5194/acp-2020-533-AC1, 2021

We thank the two referees that made very good and constructive comments in our manuscript. It certainly helped a lot in getting a much better final manuscript. In particular, the comments helped to improve the multiple linear regression model, helping to avoid potential issues with the nucleation mode and the chemical composition measured by the ACSM. Also general comments have improved small errors such as units, and plots. We implemented all suggestions done by the two reviewers.

Please find our comments in the attached document.

Please also note the supplement to this comment: <a href="https://acp.copernicus.org/preprints/acp-2020-533/acp-2020-533-AC1-supplement.pdf">https://acp.copernicus.org/preprints/acp-2020-533/acp-2020-533-AC1-supplement.pdf</a>