



## ***Interactive comment on “Estimates of mass absorption cross sections of black carbon for filter-based absorption photometers in the Arctic” by Sho Ohata et al.***

**Sho Ohata et al.**

sho.ohata@isee.nagoya-u.ac.jp

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The co-authors and I very much appreciate the constructive comments on this manuscript by the reviewers. The comments have been very thorough and useful in improving the manuscript. In accordance with suggestion by the editor and reviewers, we have decided to re-submit the manuscript to Atmospheric Measurement Techniques (AMT) as a new submission. Before the new submission, the comments will be fully taken into account and the original manuscript will be revised.

For easier reading, responses to the comments raised by the reviewers are attached

[Printer-friendly version](#)

[Discussion paper](#)

as PDF (Supplement below). More detailed responses including explanations of actual changes to the original manuscript will be submitted to AMT together with the revised manuscript.

Please also note the supplement to this comment:

<https://acp.copernicus.org/preprints/acp-2020-1190/acp-2020-1190-AC1-supplement.pdf>

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Interactive comment on Atmos. Chem. Phys. Discuss., <https://doi.org/10.5194/acp-2020-1190>, 2020.