

## ***Interactive comment on “Effects of black carbon morphology on the brown carbon absorption estimation: from numerical aspects” by Jie Luo et al.***

**Jie Luo et al.**

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Dear Astrid Kerkweg,

Thanks for your comments. Our calculations were performed using MSTM Version 3.0 and DDSCAT 7.3. MSTM Version 3.0 can be found online (<http://www.eng.auburn.edu/~dmckwski/scatcodes/>), and DDSCAT 7.3 can be obtained from <http://ddscat.wikidot.com/>. Our calculation results can be downloaded from [https://figshare.com/articles/dataset/Deriving\\_BrC\\_Revised\\_zip/12839570](https://figshare.com/articles/dataset/Deriving_BrC_Revised_zip/12839570). We will add the details in the code and data availability section. Thank you!

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Kind regards,

Qixing Zhang on behalf of the coauthors

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Interactive comment on Geosci. Model Dev. Discuss., <https://doi.org/10.5194/gmd-2020-348>, 2020.

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