

Geosci. Model Dev. Discuss., author comment AC1  
<https://doi.org/10.5194/gmd-2022-247-AC1>, 2023  
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## **Reply on RC1**

Sylvain Mailler et al.

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Author comment on "AerSett v1.0: a simple and straightforward model for the settling speed of big spherical atmospheric aerosols" by Sylvain Mailler et al., Geosci. Model Dev. Discuss., <https://doi.org/10.5194/gmd-2022-247-AC1>, 2023

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We are grateful to Anonymous Reviewer #1 for his/her careful Review of our manuscript. His/her review and that of Reviewer #2 helped us construct an enhanced version of the manuscript, with two new sections, one for including the slip correction factor in our method as suggested, one to quantify the performance improvement compared to other methods. Please find attached our detailed answer as well as the description of these modifications.

Please also note the supplement to this comment:

<https://gmd.copernicus.org/preprints/gmd-2022-247/gmd-2022-247-AC1-supplement.pdf>