

Earth Syst. Sci. Data Discuss., author comment AC3  
<https://doi.org/10.5194/essd-2021-426-AC3>, 2022  
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## **Comment on essd-2021-426**

Xiangyue Chen et al.

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Author comment on "Full-coverage 250□m monthly aerosol optical depth dataset (2000–2019) amended with environmental covariates by an ensemble machine learning model over arid and semi-arid areas, NW China" by Xiangyue Chen et al., Earth Syst. Sci. Data Discuss., <https://doi.org/10.5194/essd-2021-426-AC3>, 2022

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Thanks for your constructive feedback and valuable advice on our manuscript. We have revised the manuscript accordingly. Please find attached our point-to-point responses to each comment.

Please also note the supplement to this comment:

<https://essd.copernicus.org/preprints/essd-2021-426/essd-2021-426-AC3-supplement.pdf>