

Earth Syst. Sci. Data Discuss., referee comment RC1  
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## Comment on **essd-2021-195**

Anonymous Referee #1

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Referee comment on "Ground-based vertical profile observations of atmospheric composition on the Tibetan Plateau (2017–2019)" by Chengzhi Xing et al., Earth Syst. Sci. Data Discuss., <https://doi.org/10.5194/essd-2021-195-RC1>, 2021

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The authors described an innovative tool for ground-level vertical profile observations of atmospheric composition. The data could be used publicly. The manuscript is well-written.

Some minor comments as follows:

- 1) It would also be great to know that limitation of this data so that the potential users could use the data appropriately.
  
- 2) The authors could also provide more information regarding how to potentially apply this dataset to other studies.
  
- 3) The methods for data retrieval were well written. However, it would also be great if there is a bit more details regarding why using these methods and how accurate these methods can be.
  
- 3)