

## Response to the Comments

(TiP-Leaf: A dataset of leaf traits across vegetation types on the Tibetan Plateau)

(essd-2022-199)

Dear Dr. Carlson,

Thank you very much for approving our manuscript and deciding to publish it in *Earth System Science Data*! All revised contents have been highlighted by the red color in the marked-up version of revised manuscript. Additionally, the point-to-point responses have also been presented here.

Please do not hesitate to contact us if you have further questions on our final manuscript.

Sincerely Yours,

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On behalf of all the co-authors

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### # Comments to the author:

*Interesting data set from a challenging region. Thank you for using ESSD!*

**Response:** Thank you again sincerely for accepting our manuscript for publication in *ESSD*!

**Comment 1:** *Numerous residual examples of mis-translation, Chinese to English. All small; language experts at Copernicus should catch most of these. Authors will need to check proofs very carefully.*

**Response:** Thanks to the language experts for checking the English language of our manuscript, and we will carefully check the proofs later when it is available.

**Comment 2:** *Not sure what authors mean at line 265: "slightly stable". Please rewrite in valid statistical terms.*

**Response:** What we originally wanted to explain was that compared with other traits (including DW, FW, LA, LT, and LWC) with extremely larger variation, the variations of these trait (LMA,

SLA, LDMC, LCC, LNC, and LPC) are relatively small. Perhaps our statement was not very clear, so we revised it again as following.

**On Line 263-265** (in the marked-up version of revised manuscript). The site-level leaf traits are shown in Table 1. The variation of each leaf trait was significant. In particular, DW, FW and LA varied by more than 150%, followed by LT and LWC. The variations of LMA, SLA, LDMC, LCC, LNC and LPC were slightly ~~stable~~ **modest, relatively**.

***Comment 3:** With technical terms, abbreviations, and many species names, authors will - as mentioned above - check proofs very carefully.*

**Response:** We will check proofs very carefully about technical terms, abbreviations, and species Latin name, later when the proofs are available.