



EGUsphere, author comment AC1
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Reply on RC1

Junxiao Pan et al.

Author comment on "Biotic factors dominantly determine soil inorganic carbon stock across Tibetan alpine grasslands" by Junxiao Pan et al., EGU sphere,
<https://doi.org/10.5194/egusphere-2022-562-AC1>, 2022

Dear Editor

SOIL

On behalf of our co-authors, we thank you very much for handling our manuscript and sending us very valuable reviews on the manuscript entitled "**Biotic factors dominantly determine soil inorganic carbon stock across Tibetan alpine grasslands**" (egusphere-2022-562). We greatly appreciated the constructive and valuable comments from you and the reviewers. Your intellectual inputs have helped us improve the paper tremendously.

We have carefully studied all comments and revised our manuscript accordingly. Specifically, we have rewritten the methods section to make it clearer. Following the comments, we have expanded the discussion of mechanisms underpinning the statistical results. In addition, we have carefully checked and revised our text to avoid ambiguous writing and possible inappropriate interpretation.

We hope you and the reviewers will be satisfied with our revisions and look forward to hearing from you.

Here are our detailed responses to the reviewers. Please note that the comments from the reviewers are in BLACK followed by our responses in BLUE text.

Yours sincerely

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Please also note the supplement to this comment:

<https://egusphere.copernicus.org/preprints/2022/egusphere-2022-562/egusphere-2022-562-AC1-supplement.pdf>