Dear Prof. David Carlson and Polina Shvedko,

Thank you very much for your interest on our work. We have revised our manuscript following your comments and suggestions. Point-by-point responses are shown below. Hope the updated manuscript fits the requirements of ESSD.

Best regards,

Jianzhong Xu


A good product with value enhanced by exposure through data sharing. Thank you for using ESSD. Additional private note (visible to authors and reviewers only):
Please work closely with typesetters and proof-readers on remaining language and technical uncertainties. Figure 10, for example, remains difficult to read and interpret. Perhaps clarify intent: not a perfect data set for valid reasons but sharing enhances quality and exposes both value and difficulties. Overall: a good product, thank you for using ESSD.

We will closely work with typesetters and proof-readers on polishing our language and technical uncertainties. For figure 10, the color and caption are revised correspondingly. The mention on the mean of sharing on dataset is shown below (line 778-779 in manuscript).

"Although the data set is not perfect for valid reasons, sharing it improves quality and exposes both value and difficulties."


Please ensure that the colour schemes used in your maps and charts allow readers with colour vision deficiencies to correctly interpret your findings. Please check your figures using the Coblis – Color Blindness Simulator (https://www.color-blindness.com/coblis-color-blindness-simulator/) and revise the colour schemes accordingly.

The figures are corrected in Coblis.