

Dear Editor,

Thank you for the acceptance of our manuscript. During our final proofreading and data validation, we identified an opportunity to improve the methodological consistency of the paper, and we have made minor adjustments that we wish to bring to your attention.

In the accepted manuscript (as well as earlier versions), the subgroup uncertainties were calculated using the Fischer/Rolstad approach, while the regional uncertainty was aggregated using the Gardelle/Bolch approach. While both are standard methods in the literature, the Fischer/Rolstad method yields a highly conservative uncertainty estimate. To ensure consistency, we have updated the manuscript to apply a single, unified method across both the subgroups (e.g., debris-covered vs. debris-free, surging vs. non-surging glaciers) and the regional uncertainty.

Please note that the mass balances of individual glaciers and their specific uncertainties remain unaffected; only the aggregated regional and subgroup uncertainties have been modified. The regional mass balance value is now $-0.14 \text{ m w.e. a}^{-1}$ (it was $-0.13 \text{ m w.e. a}^{-1}$ earlier).

Importantly, the underlying datasets, glacier classifications, spatial patterns, figures, interpretations, and overall scientific implications of the study remain unchanged. We have limited the revisions to the relevant methodological description and the corresponding regional and subgroup values.

We would be grateful for your approval to incorporate these minor consistency related revisions into the final version.

Kind regards,

Azka Ramzan and Sajid Ghuffar