

Thank you for your comments. They have improved the manuscript. We have made the following changes:

1. Return the changed verb tense in Sect. 2.2 to the present tense

Changed back to present tense.

2. Move the beginning of Sect. 3.3 to a new sub-section in Methods

Moved to a new section named 'Error Estimates'.

3. Improve two instances of unclear sentences

Changed text to:

Line 291: Bunce and Cheng will show a higher retreat compared to ESA because the Interpolation method accounts for the entire width of the glacier. Therefore the mean positions of the Bunce and Cheng traces will be further up-glacier as they do not include the lateral tails seen in the ESA trace.

Line 368: We find biases in terms of data coverage with well-studied glaciers with high coverage of terminus trace data, and other glaciers devoid of consistent coverage, showcasing the need for further manual and machine learning efforts to provide terminus data.

4. Change all British English "-ise" spellings to be consistent with the American English "-ize" in the rest of the manuscript (I believe I highlighted all instances)

Changed in text.