

Response #2 to reviewer comments on manuscript “Evaluating the effects of preprocessing, method selection, and hyperparameter tuning on SAR-based flood mapping and water depth estimation”

Dear reviewers and editor,

First and foremost, we are grateful for your revisions and your second opinion on our manuscript. The last remaining minor issue from Reviewer 2 was corrected.

Please find hereafter our answers to each of your comments separately:

- **In red:** Replies to comments raised only by Reviewer 1 (Wolfgang Wagner)
- **In blue:** Replies to comments raised only by Reviewer 2 (Anonymous Reviewer)
- **In purple:** Replies to comments raised by both Editor and Reviewer 2

Sincerely,

Jean-Paul Travert, on behalf of the authors

Cédric Goeury, Sébastien Boyaval, Vito Bacchi, and Fabrice Zaoui.

Response to the reviewers

Reviewer 2: Anonymous Reviewer

Reviewer Comment 2.1 — A minor issue: Make sure the font size of axis labels and legends is the same in both Figures 2(a) and 2(b).

Reply: The font size of axis and legends were corrected to match between the two Figures.