

Interactive comment on “Improved GRACE regional mass balance estimates of the Greenland Ice Sheet cross-validated with the input-output method” by Z. Xu et al.

E. Berthier (Editor)

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Dear Authors,

Three reviewers have now provided a detail assessment of your TCD paper. Although they agree that your study has the potential to make a valuable contribution to TC, they all requested some major corrections and clarifications. I recommend that you take the necessary time to strongly improve your manuscript. Note that all three referees requested to read the revised version of your manuscript.

I find it unfortunate that you did not really take into account my access review, prior to publication in TCD. In particular when I stated: "The main problem of the paper is that it
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is not clear, at least for scientists that are not that familiar with the processing of GRACE data and with earlier studies using the I/O method. Although it is not mandatory for publication in TCD, I would recommend that you try to clarify the paper, make sure the notations are homogeneous."

I consider that the time of reviewers is precious. I will only send them the revised version of your paper if their comments is addressed carefully on a point-by-point basis. As noted by one referee, strong input by all co-authors should help to achieve a suitable paper.

To facilitate the review process, please attach to your revised tracked-changed manuscript a cover letter detailing the changes you made in response to ALL referee comments.

Looking forward to read the revised version of your study,

Best regards,

Etienne Berthier

Interactive comment on The Cryosphere Discuss., 9, 4661, 2015.