

Interactive comment on “Hybrid Neural Network – Variational Data Assimilation algorithm to infer river discharges from SWOT-like data” by Kevin Larnier and Jerome Monnier

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Following your review, we have clarified each point you have mentioned in a revised manuscript version (see the supplement file).

Please read in particular the new following sections: abstract, general introduction, data description (Section 2) including the subsection 2.4 entitled “On the choice to define two river classes”, the subsection 3.4 entitled “On the sensitivity of the estimations with respect to error measurements or data frequency”, the flow chart describing the complete inverse method and a few other clarifications mentioned in our point-to-point answers letter. Again, we thank you for your helpful comments and detailed reading.

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Kind regards, Jm.

Please also note the supplement to this comment:

<https://npg.copernicus.org/preprints/npg-2020-32/npg-2020-32-AC5-supplement.pdf>

Interactive comment on Nonlin. Processes Geophys. Discuss., <https://doi.org/10.5194/npg-2020-32>, 2020.

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