

Interactive comment on “Application of ensemble transform data assimilation methods for parameter estimation in nonlinear problems” by Sangeetika Ruchi et al.

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Dear Olivier,

I hope this message finds you well.

Please find attached my review of the manuscript ‘Application of ensemble transform data assimilation methods for parameter estimation in nonlinear problems’, by Sangeetika Ruchi, Svetlana Dubinkina, and Jana de Wiljes.

I hesitate between ‘minor revisions’ and ‘major revisions’. The paper is well written, and could be published with only minor adjustments, but I think the manuscript would

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have a larger impact and would reach a wider audience if the authors make some more substantial changes in the manuscript. I would be more than willing to review the revised paper, and can be contacted should the authors have questions on my review.

Kind regards,

Femke

Please also note the supplement to this comment:

<https://npg.copernicus.org/preprints/npg-2020-24/npg-2020-24-RC1-supplement.pdf>

Interactive comment on Nonlin. Processes Geophys. Discuss., <https://doi.org/10.5194/npg-2020-24>, 2020.

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