

## ***Interactive comment on “The Onsager–Machlup functional for data assimilation” by Nozomi Sugiura***

### **Anonymous Referee #1**

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General remark For an ordinary reader who is not already familiar with the Onsager–Machlup (OM) functional, Girsanov formula and Radon–Nikodym derivative, the formulations and related derivations presented in this paper are too sketch to follow. My specific comments are given in the uploaded pdf file named "review of npg-2017-44.pdf".

Please also note the supplement to this comment:

<https://www.nonlin-processes-geophys-discuss.net/npg-2017-44/npg-2017-44-RC1-supplement.pdf>

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Interactive comment on Nonlin. Processes Geophys. Discuss., <https://doi.org/10.5194/npg-2017-44>, 2017.