

May 28, 2019

Subject: Manuscript npg-2019-7: “Data assimilation as a learning tool to infer ODE representations of dynamical models”, Response to the Editor.

Dear Editor,
Dear Olivier,

Once again, thank you very much for your suggestions.

We have modified the text according to all of your suggestions with the exception of the remark on $p(\mathbf{y}_0, \mathbf{A})$ for which we believe our text was correct but confusing. We changed the corresponding sentences into “If, in addition, the dependence on $p(\mathbf{y}_0, \mathbf{A}) = p(\mathbf{y}_0|\mathbf{A})p(\mathbf{A})$ is neglected in...” and “...assuming $p(\mathbf{y}_0, \mathbf{A}) = p(\mathbf{y}_0|\mathbf{A})p(\mathbf{A})$ can be neglected...”.

We have also made a few further English corrections to the text.

Best regards,

Marc Bocquet, Julien Brajard, Alberto Carrassi, Laurent Bertino.