

Interactive comment on “Sampling strategies based on the Singular Value Decomposition for ocean analysis and forecast” by Maria Fattorini and Carlo Brandini

Anonymous Referee #1

Received and published: 8 June 2018

Summary:

This paper describes an adaptive sampling strategy for the ocean based on the leading singular vectors of the circulation. In general, this is a very interesting study that warrants eventual publication. The paper is generally well written, and contains an in-depth review of previous work on this topic, which I appreciate. Most of my comments are relatively minor and relate to presentation style and grammar. I am therefore including an electronically annotated version of the author’s original manuscript which I hope they will find useful.

Given the rather minor nature of my comments, I do not need to see the revised

C1

manuscript again.

Please also note the supplement to this comment:

<https://www.nonlin-processes-geophys-discuss.net/npg-2018-22/npg-2018-22-RC1-supplement.pdf>

Interactive comment on Nonlin. Processes Geophys. Discuss., <https://doi.org/10.5194/npg-2018-22>, 2018.

C2