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Title: Reconstructing Ocean subsurface salinity at high resolution using a machine learning approach

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Dear Dr. Salvatore Marullo and Dr. Giuseppe M.R. Manzella,

Thanks very much for your hard work toward the publication of our manuscript.

In the last round of review, we have added Mr. Wangxu Wei as a new co-author. During the last review, both reviewers suggest adding a new analysis to quantify the relative importance of different inputs. Therefore, we have brought Wangxu Wei in our group, who worked on the "Shap" method and the related analyses in the revised manuscript. That's why we have added his name in the author list during the last revision (submitted at Oct.4). We also adjusted the "Author Contributions" section of the manuscript accordingly.

We would be grateful if you could give it a consideration and approve this addition. Thanks in advance.

Regards

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