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Interactive comment on "Linking intrinsic and apparent relationships between phytoplankton and environmental forcings using machine learning – What are the challenges?" *by* Christopher Holder and Anand Gnanadesikan

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In our previous Author Responses to Referee 1's comments, we incorrectly stated that we would replace the term "testing subset(s)" with the term "validation subset(s)" in the revised manuscript. For reference, please see AR6 of our Author Responses to Referee 1's comments.

As we understand it, validation sets are used to tune the parameters of machine learning models and testing sets are used to assess the performance of the trained machine

learning models. Since we use our test subset to assess the performance of our trained machine learning models, we should keep the term "testing subset(s)". In the revised manuscript, we will keep the term "testing subset(s)," instead of replacing it with the term "validation subset(s)".

We apologize for this error in our initial Author Response.

Interactive comment on Biogeosciences Discuss., https://doi.org/10.5194/bg-2020-262, 2020.