

## ***Interactive comment on “Variability and Trends in Physical and Biogeochemical Parameters of the Mediterranean Sea during a Cruise with RV MARIA S. MERIAN in March 2018” by Dagmar Hainbucher et al.***

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We thank reviewer #1 for all his/her comments and criticism which helped us to improve our manuscript. All remarks were taken into account and the text and figures were amended accordingly. There is one exception: We did not remove the depth (m) variable in table 1a). This variable is not a parameter given by the CTD but belongs to the output of the ADCP and IADCP, where no pressure values are given. In general, we agree with the arguments of the reviewer on oxygen measurements. In our particular case, we had a lot of technical problems with the CTD system which led to a loss of

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data quality of the CTD oxygen values. The high-resolved measured oxygen data were an equivalent alternative. We now comment on this in the manuscript.

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