

## ***Interactive comment on “North Atlantic subpolar gyre along predetermined ship tracks since 1993: a monthly dataset of surface temperature, salinity, and density” by Gilles Reverdin et al.***

**Gilles Reverdin et al.**

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Received and published: 26 June 2018

We thank the reviewers for their positive comments and their suggestions. We provide a detailed response to the queries, and how we modified the manuscript. (see 'supplement' file)

To summarize the main changes:

- Introduction rewritten (in particular paragraphs 3 and 4) - Color scales added on figures 2, 3 and 5 - Table added in Appendix A to summarize the comparison with other T and S data (from XBTs and Argo floats) - Clarification of method used, approach

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adopted in various places (in particular for describing 'seasonal cycle' or 'interannual variability') - Error estimates added in data files (they will appear as version V2 on the web site of the doi)

A revised manuscript is available upon request, but I cannot attach it in 'supplement', in addition to the detailed response.

Please also note the supplement to this comment:

<https://www.earth-syst-sci-data-discuss.net/essd-2018-22/essd-2018-22-AC1-supplement.pdf>

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Interactive comment on Earth Syst. Sci. Data Discuss., <https://doi.org/10.5194/essd-2018-22>, 2018.

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