

Interactive comment on “An Ensemble Observing System Simulation Experiment of Global Ocean Heat Content Variability” by Arin D. Nelson et al.

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In the legend of Figure 1, the colors for the first 2 entries(Profiling Floats and XBTs, etc.) should be switched such that the blue curve corresponds to Profiling Floats and the orange curve corresponds to XBTs, etc.

In Figure 2, the caption does not provide adequate description for the 2 panels. Here's an updated caption: The locations of retained hydrographic profiles in the pre-Argo era of 1990-2005 (a) and the Argo era of 2005-2013 (b). Before Argo, observations were sparse and primarily by XBTs. Poor record keeping requires many of these observations to be from 'unknown' sources. The majority of the unsampled regions in the Argo era occur in regions shallower than 700m, although some are geopolitically sensitive areas.

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Regards, Arin Nelson

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