



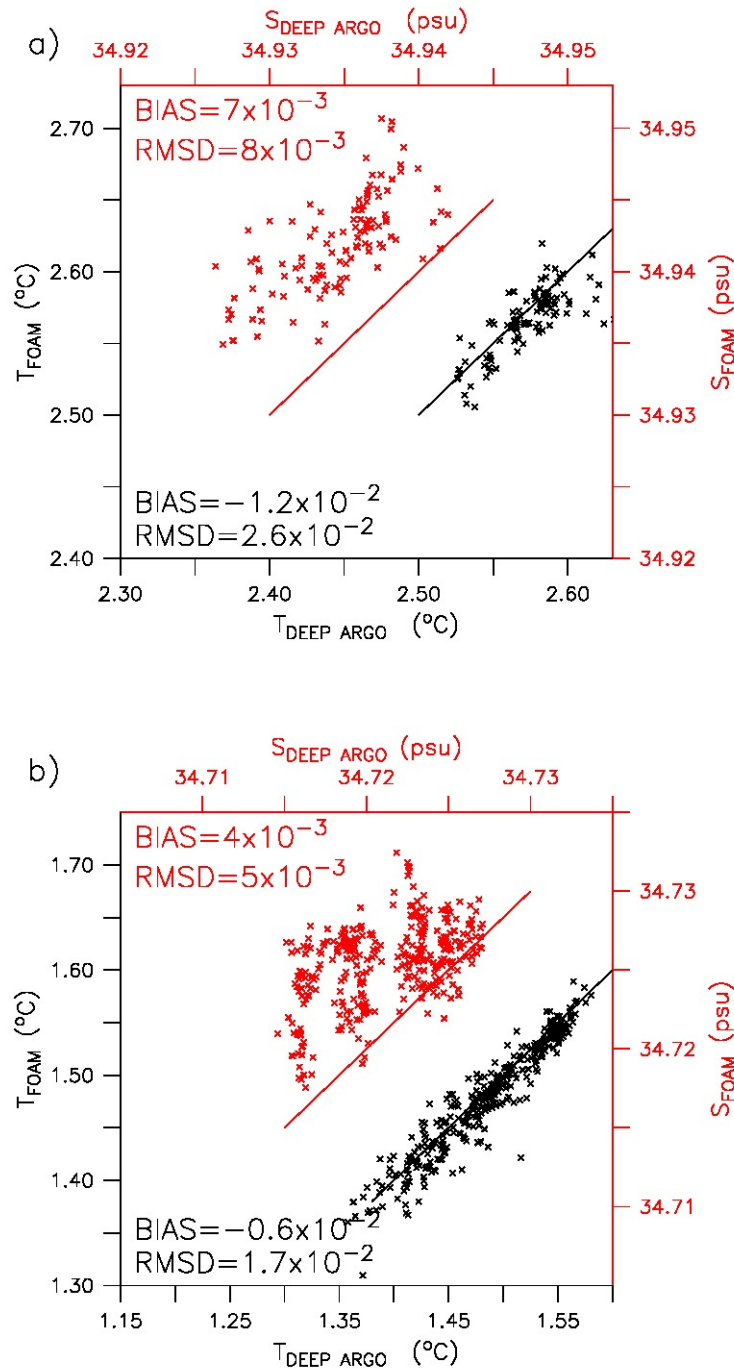
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Supplemental Material

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SUPPLEMENTAL MATERIAL



Supplemental Material: Comparison of temperature (black, in $^{\circ}\text{C}$) and salinity (red), averaged over the 2,000- 4,000 m layer, from the deep Argo profiles and the co-located FOAM reanalysis profiles in the North Atlantic [80° - 10°W ; 20° - 65°N ; 119 profiles] (upper panels) and the South Australian basin [100° - 140°E ; 30° - 50°S ; 332 profiles] (lower panels). The temperature and salinity RMS from deep Argo profiles are estimated at 7.5×10^{-2} $^{\circ}\text{C}$ and 4.2×10^{-3} in the North Atlantic and at 5.0×10^{-2} $^{\circ}\text{C}$ and 3.4×10^{-3} in the South Australian basin (Same as Fig. 4, but for FOAM reanalysis).