Supplemental Material for

Stochastic Subgrid-Scale Ocean Mixing: Impacts on Low-Frequency Variability

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Figure S1: Mean SST (°C) for a) ORAP5, and difference in mean SST (°C) between b) ORAS4, c) REF, d) STO and ORAP5 for 1980 to 2004. For REF and STO one simulation cycle from 1980 to 2004 is used.
Figure S2: Mean SSH (m) for a) ORAP5, and difference in mean SSH (m) between b) ORAS4, c) REF, d) STO and ORAP5 for 1980 to 2004. For REF and STO one simulation cycle from 1980 to 2004 is used.
Figure S3: Stochastic pattern with decorrelation length scale $\Delta r = 3000\text{km}$ on a $6^\circ$ by $6^\circ$ grid, interpolated to the ORCA1 grid. Values are shown before transformation from Gaussian to the bounded Gaussian-like distribution (see text for details).