SUPPLEMENTARY MATERIAL: Seasonal and Mesoscale Variability of Oceanic Transport of Anthropogenic CO$_2$

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Fig. 1. The potential density field (black contours) superimposed over the anthropogenic CO$_2$ concentration (in $\mu$mol kg$^{-1}$) field (shading) along 30°W in the Atlantic Ocean (top), 170°W in the Pacific Ocean (middle) and 85°E in the Indian Ocean (bottom) in 1994, as simulated by the eddy-permitting model (left) and from data (right).
Fig. 2. Simulated annual-mean overturning for the global ocean (top), the Atlantic Ocean (middle), and the Indo-Pacific Ocean (bottom). Negative values are in dotted lines and indicate counterclockwise overturning.
Fig. 3. Zonally averaged temperature (top) and anthropogenic CO$_2$ (bottom) concentrations over the upper 3000 m, respectively in °C and μmol kg$^{-1}$. 