The Oxygen Minimum Zones (OMZs) in the Indian Ocean

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Supplementary figures

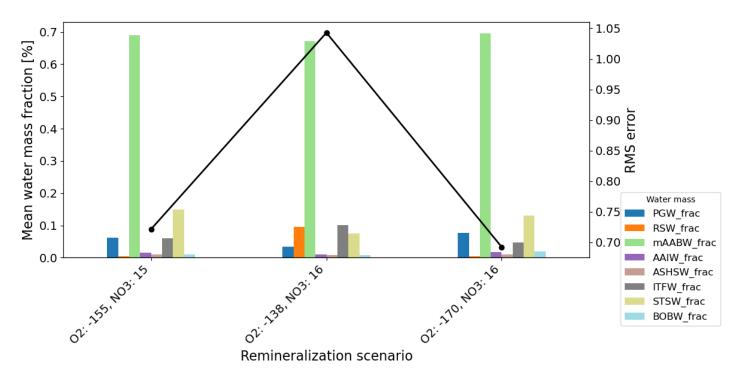


Figure S1: Water Mass Fractions and RMS Error Across Sensitivity Scenarios

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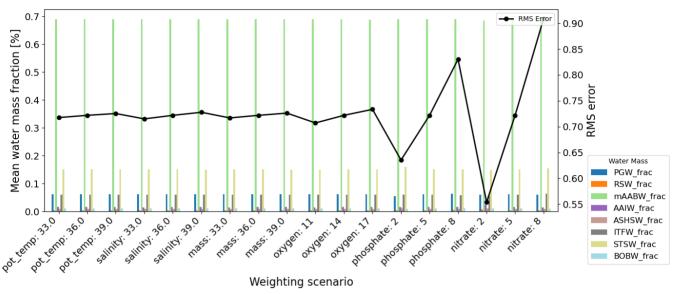


Figure S2: Water Mass Fractions and RMS Error vs Parameter Weight Sensitivity

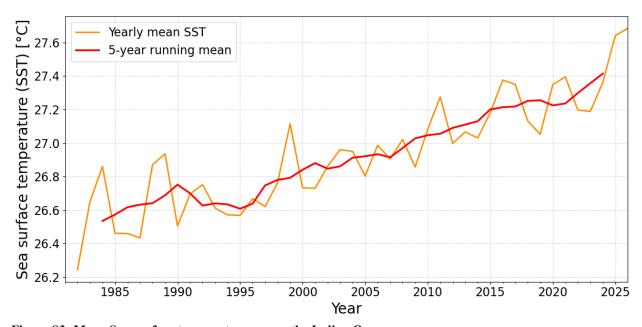


Figure S3: Mean Sea surface temperature across the Indian Ocean.

Others

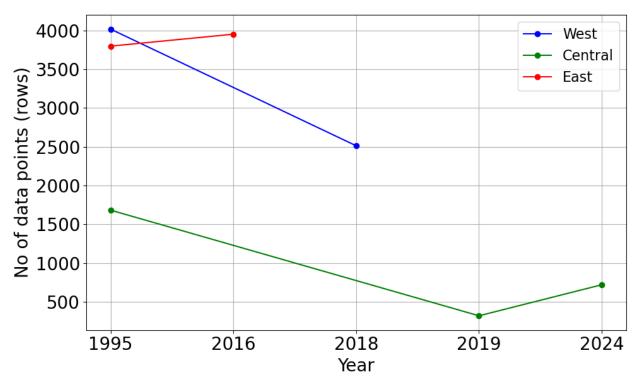


Figure S4: number of data points

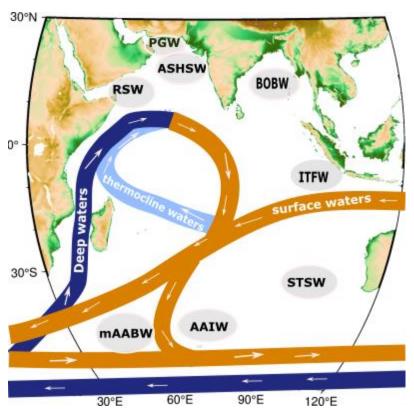


Figure S5: Simplified schematic of the meridional overturning circulation in the Indian Ocean and location where original water masses are formed or enter the Indian Ocean. RSW = Red Sea water, PGW= Persian Gulf

water, ASHSW = Arabian Sea High Salinity water, ITFW = Indonesian Throughflow water, BOBW = Bay of Bengal water, STSW = Subtropical Surface water, AAIW = Antarctic Intermediate water, mAABW = modified Antarctic Bottom water.