

	25° N	36° N	OVIDE
(a) Coefficient of correlation (p value) for time series including trend			
T_{heat} vs. MOC	0.92 (0.00)	0.90 (0.00)	0.76 (0.00)
T_{Cant} vs. MOC	0.30 (0.02)	0.67 (0.00)	0.02 (0.90)
(b) Coefficient of correlation (p value) for detrended time series			
T_{Cant} vs. MOC	0.74 (0.00)	0.70 (0.00)	0.01 (0.40)
(c) Trend			
T_{Cant} (1958–1960)	$0.030 \pm 0.002 \text{ PgC yr}^{-1}$	$0.009 \pm 0.001 \text{ PgC yr}^{-1}$	$0.008 \pm 0.001 \text{ PgC yr}^{-1}$
T_{Cant} (2010–2012)	$0.095 \pm 0.024 \text{ PgC yr}^{-1}$	$0.050 \pm 0.018 \text{ PgC yr}^{-1}$	$0.043 \pm 0.005 \text{ PgC yr}^{-1}$
T_{heat}	$0.0003 \pm 0.0004 \text{ PW yr}^{-1}$	$0.0016 \pm 0.0004 \text{ PW yr}^{-1}$	$0.0003 \pm 0.0002 \text{ PW yr}^{-1}$
MOC	$0.001 \pm 0.005 \text{ Sv yr}^{-1}$	$0.016 \pm 0.006 \text{ Sv yr}^{-1}$	$0.003 \pm 0.007 \text{ Sv yr}^{-1}$
T_{vol}	$-0.000 \pm 0.000 \text{ Sv yr}^{-1}$	$0.001 \pm 0.001 \text{ Sv yr}^{-1}$	$-0.000 \pm 0.003 \text{ Sv yr}^{-1}$