	$25\,\mathrm{kg\,m^{-3}} < \sigma_\theta < 25.5\,\mathrm{kg\,m^{-3}}$		$27\,\mathrm{kg\,m^{-3}} < \sigma_\theta < 27.2\,\mathrm{kg\,m^{-3}}$	
	WITH	WITHOUT	WITH	WITHOUT
Trend on A_T in $\mu\mathrm{mol\,kg^{-1}\,a^{-1}}$				
OUTPACE	-0.20 ± 0.07 ($n = 167$)*	-0.30 ± 0.07 ($n = 142$)*	-0.12 ± 0.07 ($n = 180$)	-0.01 ± 0.06 ($n = 174$)
MA	-0.30 ± 0.09 ($n = 85$)*	-0.47 ± 0.10 ($n = 70$)*	-0.16 ± 0.09 ($n = 99$)	-0.10 ± 0.09 ($n = 92$)
WGY	-0.20 ± 0.14 ($n = 28$)	-0.20 ± 0.19 ($n = 22$)	-0.20 ± 0.14 ($n = 35$)	-0.01 ± 0.13 ($n = 31$)
Trend on $[O_2]$ in $\mu\mathrm{mol\,kg^{-1}\,a^{-1}}$				
OUTPACE	-0.31 ± 0.10 ($n = 167$)*	-0.61 ± 0.09 ($n = 143$)*	0.05 ± 0.11 ($n = 183$)	0.07 ± 0.10 ($n = 178$)
MA	-0.35 ± 0.16 ($n = 84$)*	-0.78 ± 0.17 ($n = 70$)*	0.06 ± 0.11 ($n = 99$)	0.04 ± 0.11 ($n = 93$)
WGY	-0.38 ± 0.11 ($n = 27$)*	-0.35 ± 0.14 ($n = 23$)*	-0.11 ± 0.30 ($n = 38$)	-0.22 ± 0.29 ($n = 34$)
Trend on C_T in $\mu\mathrm{mol\,kg^{-1}\,a^{-1}}$				
OUTPACE	1.32 ± 0.13 ($n = 174$)*	1.63 ± 0.13 ($n = 149$)*	0.23 ± 0.13 ($n = 189$)	0.27 ± 0.11 ($n = 183$)*
MA	1.38 ± 0.21 ($n = 85$)*	1.87 ± 0.21 ($n = 70$)*	0.31 ± 0.16 ($n = 100$)	0.44 ± 0.17 ($n = 93$)*
WGY	1.57 ± 0.18 ($n = 31$)*	1.57 ± 0.23 ($n = 25$)*	0.23 ± 0.29 ($n = 40$)	0.23 ± 0.29 ($n = 36$)
Trend on C_ANT in $\mu\mathrm{mol\,kg^{-1}\,a^{-1}}$				
OUTPACE	1.12 ± 0.07 ($n = 166$)*	1.25 ± 0.06 ($n = 142$)*	0.32 ± 0.05 ($n = 179$)*	0.25 ± 0.04 ($n = 174$)*
MA	1.18 ± 0.08 ($n = 84$)*	1.31 ± 0.08 ($n = 70$)*	0.40 ± 0.06 ($n = 98$)*	0.40 ± 0.06 ($n = 92$)*
WGY	1.20 ± 0.09 ($n = 28$)*	1.18 ± 0.10 ($n = 22$)*	0.13 ± 0.09 ($n = 35$)	0.11 ± 0.08 ($n = 31$)
Trend on $\mathrm{pH_{TINSI}}$ in $\mathrm{a^{-1}}$				
OUTPACE	-0.0022 ± 0.0003 ($n = 167$)*	-0.0031 ± 0.0002 ($n = 142$)*	-0.0001 ± 0.0003 ($n = 181$)	-0.0002 ± 0.0002 ($n = 175$)
MA	-0.0022 ± 0.0004 ($n = 85$)*	-0.0033 ± 0.0004 ($n = 70$)*	-0.0004 ± 0.0003 ($n = 100$)	-0.0007 ± 0.0003 ($n = 93$)*
WGY	-0.0027 ± 0.0004 ($n = 28$)*	-0.0030 ± 0.0004 ($n = 22$)*	-0.00008 ± 0.0006 ($n = 35$)	-0.0007 ± 0.0006 ($n = 31$)