

Source	Bottom-Water		Deep-Water		Density Errors
	\mathcal{S}	\mathcal{T}	\mathcal{S}	\mathcal{T}	
No Constraint	$35.2 \pm 5.3\text{e-}2$	4.7 ± 0.3	$35.3 \pm 6.1\text{e-}2$	3.6 ± 0.6	19.0 ± 6.8

Table 1: Statistical analysis of water masses and density errors. Values are presented as mean \pm standard deviation.

Source	Bottom-Water		Deep-Water		Density Errors
	\mathcal{S}	\mathcal{T}	\mathcal{S}	\mathcal{T}	
No Constraint	$35.2 \pm 4.5\text{e-}2$	3.4 ± 0.2	$35.2 \pm 6.1\text{e-}2$	6.1 ± 0.5	19.0 ± 6.8

Table 2: Corrected statistical analysis of water masses and density errors. Values are presented as mean \pm standard deviation.