

Table 7: Summarised PCA values on Physico-chemical parameters that relate with species abundance in the two fisheries for both seasons

Variables	PC1	PC2
Total alkalinity ($\mu\text{mol/kg}$)	0.235	-0.684*
pH	-0.504*	0.204
Carbonate ion concentration ($\mu\text{mol/kg}$)	-0.458*	-0.168
Nitrates (mg/l)	0.396*	0.505*
Phosphates (mg/l)	0.293	0.378
Revelle factor	0.489*	-0.255
Eigenvalue	3.420	1.370
% variance explained	56.90	22.80
Cummulative % variance	56.90	79.80

Values with * are significant at 5% significance level.