

Table S4. PERMANOVA statistical output for phytoplankton and crustacean zooplankton proportional composition.

Phytoplankton PERMANOVA output

Call:
adonis(formula = phyto ~ season, data = phyto.env, permutations = 99,
na.rm = TRUE)

Permutation: free
Number of permutations: 99

Terms added sequentially (first to last)

	Df	SumsOfSqs	MeanSqs	F.Model	R2	Pr(>F)
season	1	0.1163	0.11633	0.4978	0.01532	0.77
Residuals	32	7.4780	0.23369		0.98468	
Total	33	7.5943			1.00000	

Crustacean zooplankton PERMANOVA output

Call:
adonis(formula = zoop ~ season, data = zoop.env, permutations = 99,
na.rm = TRUE)

Permutation: free
Number of permutations: 99

Terms added sequentially (first to last)

	Df	SumsOfSqs	MeanSqs	F.Model	R2	Pr(>F)
season	1	0.3938	0.39376	2.781	0.03821	0.05 *
Residuals	70	9.9113	0.14159		0.96179	
Total	71	10.3051			1.00000	

Signif. codes: 0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1