

附录 4 环境因子 RDA 与显著性分析

Appendix 4 Significance and RDA analysis of each environmental factor

环境因素 Environmental factors	方差膨胀因子 Variance inflation factor	RDA ₁	RDA ₂	R ²	P	显著性 Significance
海拔 Altitude (A)	9.401274	0.98096	-0.19423	0.8449	0.001	***
温度 Temperature (T)	2.520380	-0.98794	-0.15482	0.3629	0.002	**
总盐度 Total salinity (TS)	87.482073	-0.95925	0.28257	0.6557	0.001	***
Na ⁺	10.619191	-0.88449	0.46655	0.4405	0.001	***
K ⁺	14.415954	-0.99972	-0.02384	0.2873	0.011	*
Ca ²⁺	2.715590	-0.91618	0.40076	0.2182	0.026	*
Mg ²⁺	20.612625	-0.99536	0.09622	0.7002	0.001	***
Cl ⁻	26.743747	-0.94643	0.32291	0.7415	0.001	***
SO ₄ ²⁻	2.563942	-0.37342	0.92766	0.4701	0.001	***
CO ₃ ²⁻	3.147889	0.99852	0.05438	0.0409	0.529	
HCO ₃ ⁻	27.166789	0.95193	-0.30633	0.8715	0.001	***
总氮 Total nitrogen (TN)	4.846279	-0.94713	-0.32084	0.2134	0.041	*
总磷 Total phosphate (TP)	5.382726	0.98873	-0.14972	0.2183	0.029	*
总有机碳 Total organic carbon (TOC)	3.576511	-0.13836	0.99038	0.0832	0.280	
pH	16.052384	0.99206	-0.12577	0.8118	0.001	***

* 为显著性低; **显著性高; *** 为显著性极高

* indicated low significance; ** indicated high significance; *** indicated extremely high significance.