

		WINTER				SUMMER			
		<u>Abundance</u>		<u>Production</u>		<u>Abundance</u>		<u>Production</u>	
		r _s	P-value	r _s	P-value	r _s	P-value	r _s	P-value
Physical	Latitude	0.743	< 0.001	- 0.139	0.681	0.647	< 0.001	- 0.077	0.785
	Temperature	-0.794	< 0.001	0.188	0.583	- 0.809	< 0.001	0.024	0.928
	Salinity	0.740	< 0.001	0.127	0.707	- 0.814	< 0.001	0.215	0.469
	pH	-0.768	< 0.001	0.127	0.707	- 0.638	0.002	0.213	0.469
	K _d	0.809	< 0.001	0.188	0.583	0.504	0.014	0.091	0.751
Biological	Viral Production	-0.070	0.844	---	----	-0.165	0.578	----	----
	<i>Prochlorococcus</i> abundance	-0.068	0.001	0.433	0.917	-0.575	<0.001	0.024	0.928
	<i>Synechococcus</i> abundance	0.549	0.015	-0.233	0.520	0.035	0.873	-0.157	0.583
	Total Bacteria	0.676	0.004	0.533	0.124	-0.082	0.773	0.0596	0.832
	Picoeukaryote abundance	0.721	< 0.001	-0.4	0.75	0.583	0.004	-0.208	0.338
	Total Chlorophyll (.22 μm)	0.769	< 0.001	0.236	0.490	-0.058	0.788	0.307	0.279
	Chlorophyll (.8 μm)	0.943	< 0.001	< 0.001	0.983	-0.020	0.934	0.756	0.021
Secondary Production	0.253	0.390	0.297	0.384	-0.222	0.316	0.155	0.603	
Nutrients	PO ₄	0.767	< 0.001	-0.356	0.331	0.717	<0.001	0.130	0.656
	SiOH ₄	0.581	0.011	0.238	0.434	-0.103	0.210	-0.249	0.403
	NO ₂	0.566	0.009	BDL	BDL	0.210	0.331	0.035	0.904
	NO ₃	0.825	<0.001	0.032	0.919	0.216	0.317	-0.107	0.704
	NH ₄	0.836	<0.001	0.018	0.946	0.391	0.071	-0.078	0.785