

TABLE S1 | Results of pair-wise PERMANOVA analysis for the transparency, depth and salinity between Tubarão and Casqueira river estuaries, as well as their respective dry and rain periods and their different zones (Lower, Middle, Upper). Significant values in bold.

	Parameters	Transparency		Depth		Salinity	
		t	p	t	p	t	p
	Estuary	2.2737	0.026	7.9117	0.001	3.6901	0.000
Tubarão	Period Zone	2.6926	0.009	1.6389	0.106	4.1386	0.000
	Lower, Middle	3.9419	0.000	1.1808	0.236	1.0637	0.296
	Lower, Upper	2.1440	0.034	2.9636	0.003	2.7960	0.007
	Middle, Upper	1.8326	0.069	2.1799	0.027	1.1987	0.241
Casqueira	Period Zone	5.0423	0.000	3.1695	0.005	0.4315	0.667
	Lower, Middle	1.8446	0.069	0.4234	0.668	0.4644	0.644
	Lower, Upper	7.0402	0.000	1.5480	0.130	1.9507	0.055
	Middle, Upper	6.3902	0.000	1.8371	0.083	1.6806	0.104



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