

Table S1. NMDS results with significant environmental variables for the gillnet. Environmental variables are listed in decreasing order of r-squared values.

Gear	Analysis Combination	Dimensions	Stress	Significant Environmental Factors	r², P
Gillnet	All species	2	0.1636	Depth Difference	0.18, < 0.01
				Clarity	0.18, < 0.01
				Salinity	0.15, < 0.01
				Dissolved Oxygen	0.12, < 0.01
	Rare species removed	2	0.1626	Clarity	0.19, < 0.01
				Depth Difference	0.18, < 0.01
				Salinity	0.12, < 0.01
				Dissolved Oxygen	0.09, 0.02
				Maximum Depth	0.08, 0.03
	Ubiquitous species removed	2	0.2062	Minimum Depth	0.14, < 0.01
				Maximum Depth	0.14, < 0.01
				Salinity	0.13, < 0.01
				Dissolved Oxygen	0.12, 0.02
		3	0.1612	Clarity	0.09, 0.03
				Maximum Depth	0.24, < 0.01
				Salinity	0.22, < 0.01
Minimum Depth				0.20, < 0.01	
Rare and Ubiquitous species removed	2	0.2057	Clarity	0.12, 0.01	
			Salinity	0.17, < 0.01	
			Dissolved Oxygen	0.16, < 0.01	
			Maximum Depth	0.14, < 0.01	
	3	0.1601	Minimum Depth	0.13, < 0.01	
			Clarity	0.13, < 0.01	
			Maximum Depth	0.25, < 0.01	
			Salinity	0.22, < 0.01	
			Minimum Depth	0.21, < 0.01	
			Clarity	0.12, 0.01	
			Temperature	0.07, 0.04	

Table S2. NMDS results with significant environmental variables for the longline. Environmental variables are listed in decreasing order of r-squared values.

Gear	Analysis Combination	Dimensions	Stress	Significant Environmental Factors	r², P
Longline	All species	2	0.1431	Maximum Depth	0.51, < 0.01
				Clarity	0.49, < 0.01
				Salinity	0.44, < 0.01
				Depth Difference	0.29, < 0.01
				Minimum Depth	0.28, < 0.01
				Temperature	0.17, < 0.01
				Dissolved Oxygen	0.12, < 0.01
	Rare species removed	2	0.1423	Maximum Depth	0.51, < 0.01
				Clarity	0.49, < 0.01
				Salinity	0.44, < 0.01
				Depth Difference	0.29, < 0.01
				Minimum Depth	0.28, < 0.01
				Temperature	0.16, < 0.01
				Dissolved Oxygen	0.11, < 0.01
	Ubiquitous species removed	2	0.1676	Salinity	0.45, < 0.01
				Maximum Depth	0.21, < 0.01
				Clarity	0.21, < 0.01
				Dissolved Oxygen	0.19, < 0.01
				Minimum Depth	0.17, < 0.01
				Temperature	0.12, < 0.01
	Rare and Ubiquitous species removed	2	0.1672	Salinity	0.35, < 0.01
				Maximum Depth	0.23, < 0.01
				Clarity	0.20, < 0.01
				Minimum Depth	0.19, < 0.01
Temperature				0.17, < 0.01	
Depth Difference				0.11, 0.01	
Dissolved Oxygen				0.08, 0.03	