

Table S1. Table version of the statistical test.

Independent variable	Dependent variable	Statistical test	Check for assumptions
Time (competition day)	SPUE (number of sharks observed per hour)	Student's t-test	Shapiro-Wilk normality test W = 0.887, p-value = 0.04995 Levene's Test for Homogeneity of Variance (center = median) Df = 1, F value = 0.0256 Pr(>F) group = 0.8752
Location (refer to Figure 1)	SPUE (number of sharks observed per hour)		Shapiro-Wilk normality test W = 0.96277, p-value = 0.7123 Levene's Test for Homogeneity of Variance (center = median) Df = 6, F value = 0.05085 Pr(>F) group = 0.7883
Time (competition day)	CPUE (fish catch per hour)	Mann-Whitney test	Shapiro-Wilk normality test W = 0.86958, p-value = 0.02679 Levene's Test for Homogeneity of Variance (center = median) Df = 1, F value = 0.0759 Pr(>F) group = 0.787 Mann-Whitney U-test W = 25, p-value = 0.5251
Location (refer to Figure 1)	CPUE (fish catch per hour)	Kruskal-Wallis	Shapiro-Wilk normality test W = 0.86958, p-value = 0.02679 Levene's Test for Homogeneity of Variance (center = median) Df = 6, F value = 3.1744 Pr(>F) group = 0.05864 Kruskal-Wallis rank sum test Kruskal-Wallis chi-squared = 8.987, df = 6, p-value = 0.1743
Shark species	SPUE (number of sharks observed per hour)	Kruskal-Wallis	Shapiro-Wilk normality test W = 0.46709, p-value < 2.2e-16 Levene's Test for Homogeneity of Variance (center = median) Df = 8, F value = 12.02 Pr(>F) group = 7.335e-13 Kruskal-Wallis rank sum test Kruskal-Wallis chi-squared = 64.879, df = 8, p-value = 5.1e-11
Depth	SPUE (number of sharks observed per hour)	Regression analysis	y = 0.0381x + 2.1291 R ² = 0.0323
SPUE (number of sharks observed per hour)	CPUE (fish catch per hour)	Regression analysis	y = 0.1437x + 0.8541 R ² = 0.0681
SPUE (number of sharks observed per hour)	Depredation rate	Regression analysis	y = 0.017x + 0.015 R ² = 0.1018

Time (competition day)	Depredation rate	Mann-Whitney test	Shapiro-Wilk normality test $W = 0.64463$, $p\text{-value} = 4.408e-05$ Levene's Test for Homogeneity of Variance (center = median) $Df = 1$, F value = 0.0451 $Pr(>F)$ group = 0.8348 Mann-Whitney U-test $W = 36$, $p\text{-value} = 0.6263$
Location (refer to Figure 1)	Depredation rate	Kruskal-Wallis	Shapiro-Wilk normality test $W = 0.64463$, $p\text{-value} = 4.408e-05$ Levene's Test for Homogeneity of Variance (center = median) $Df = 6$, F value = 0.6961 $Pr(>F)$ group = 0.6601 Kruskal-Wallis rank sum test $Kruskal\text{-Wallis chi-squared} = 7.3996$, $df = 6$, $p\text{-value} = 0.2855$
Location (days pooled)	SPUE (number of sharks observed per hour)	PERMANOVA and nMDS	