Table 6. Goodness-of-fit statistics for SSY_{EV} - storm metric relationships. Pearson and Spearman correlation coefficients signifcant at $p<0.01$.

Model	Pearson	Spearman	r^2	RMSE(tons)	Intercept(α)	Slope(β)
Psum_upper	-	0.70	0.39	4.31	0.003	1.10
Psum_total	0.84	0.88	0.71	2.43	0.033	1.11
EI_upper	0.42	0.48	0.18	5.48	0.001	0.97
EI_total	0.74	0.73	0.55	2.98	0.001	1.32
Qsum_upper	0.91	0.91	0.83	2.15	0.000	1.65
Qsum_total	0.84	0.83	0.70	2.46	0.000	1.29
Qmax_upper	0.89	0.90	0.79	2.36	0.398	1.51
Qmax_total	0.82	0.80	0.67	2.59	2.429	1.41