

Supplementary Table 3 Statistics and distribution intervals for vegetation indices ($n = 800$).

Index	Mean	SD	CV (%)	95% Confidence interval (mean)	95% Prediction interval (individual)	Observed range
SIPI	0.8157	0.0337	4.13%	[0.8138, 0.8176]	[0.7497, 0.8817]	0.6855 – 0.8696
NDVI	0.7736	0.0517	6.64%	[0.7703, 0.7769]	[0.6605, 0.8868]	0.5555 – 0.8587
NDRE	0.3392	0.0304	8.96%	[0.3375, 0.3410]	[0.2797, 0.3988]	0.2298 – 0.4261
PSRI	0.0736	0.0464	62.98%*	[0.0710, 0.0762]	[–0.0173, 0.1645]	0.0117 – 0.2476

Summary of index stability and spread. The 95% Confidence Interval (CI) defines the precision of the mean, while the 95% Prediction Interval (PI) and Observed Range characterize the volatility of individual data points. * CV for PSRI is inflated due to a mean near zero.