Table S1. Metrics derived from the height distribution of LiDAR data

Predictor	Description
TOTAL	total number of returns
TOTAL_R1, TOTAL_R2, TOTAL_R3	count of returns by return number (support for 1 to 3 discrete returns)
H_MIN	top height within a plot
H_MAX	maximum of heights
H_MEAN	mean of heights
H_MED	median of heights (output as the 50th percentile)
H_MODE	mode of heights
H_STD	standard deviation of heights
H_VAR	variance of heights
H_CV	coefficient of variation of heights
H_KURT	kurtosis of heights
H_MAD_MED	median of the absolute deviations from the overall median
H_MAD_MODE	median of the absolute deviations from the overall mode
H_L1, L2, L3, L4	L-moments
H_L_CV	L-moment coefficient of variation
H_L_SKEW	L-moment skewness
L_KURT	L-moment kurtosis
H_P01, P05, …, P99	percentile heights (1st, 5th, 10th, 20th, 25th, 30th, 40th, 50th, 60th, 70th, 75th, 80th, 90th, 95th, 99th percentiles)
H_QUAD_MEAN, H_CUBIC_MEAN	generalized means for the 2nd and 3rd power (quadratic mean and cubic mean, only for elevation)
I_P01, P05, …, P99	intensity of percentile values (1st, 5th, 10th, 20th, 25th, 30th, 40th, 50th, 60th, 70th, 75th, 80th, 90th, 95th, 99th percentiles)
I_SKEW	skewness
I_MODE	intensity mode