Biometrics

Metrics for each pixel are computed from the Lidar points recorded within the bounding region of each pixel. If the output pixel size is at least 20 meters, 75 Lidar points greater than or equal to the z-threshold are required to populate bands 1-7. If the pixel size is less than 20 meters only 20 points are required.

Band 1: Rugosity, calculated as the standard deviation of height values of the points greater than or equal to the z-threshold.

Band 2: Gap fraction, calculated as the fraction of points below the z-threshold (1 – n\_pts\_above\_z\_threshold / n\_pts).

Band 3: Average height of all points above the 85-th percentile.

Band 4: Bands 4-7 are the L-Moments mean, covariance, skew, and kurtosis respectively.

Band 8: The 85-th percentile height or points greater than or equal to the z-threshold.

Band 9: The number of points with height greater than or equal to the z-threshold.

Band 10: The total number of points.

LHQ

Unlike biometrics and CCF, LHQ is computed with the z-values of all Lidar points collected (not just those greater than or equal to the z-threshold).