

Harvard Forest Data Archive HF119-04

Data File:

Name = hf119-04-canopy-photos.csv

Description = canopy photos

Rows = 25 Columns = 11

MD5 checksum = 0d0eb18f886caac1d1460cf4eb435d93

Variables:

distance = location along transect in meters (meter)

gsf = estimated proportion of global radiation (direct plus diffuse)
under a plant canopy relative to that in the open (number)

dsf = estimated proportion of direct solar radiation reaching a
given location, relative to that in a
location with no sky obstruction
(number)

isf = estimated proportion of diffuse solar radiation reaching a
given location, relative to a
location with no sky obstruction
(number)

tot.be = estimated total radiation below the canopy
(megajoulePerMeterSquaredPerYear)

dir.be = estimated direct radiation below the canopy, corrected for
interception surface orientation (megajoulePerMeterSquaredPerYear)

lai = estimated leaf area index for the entire canopy (number)

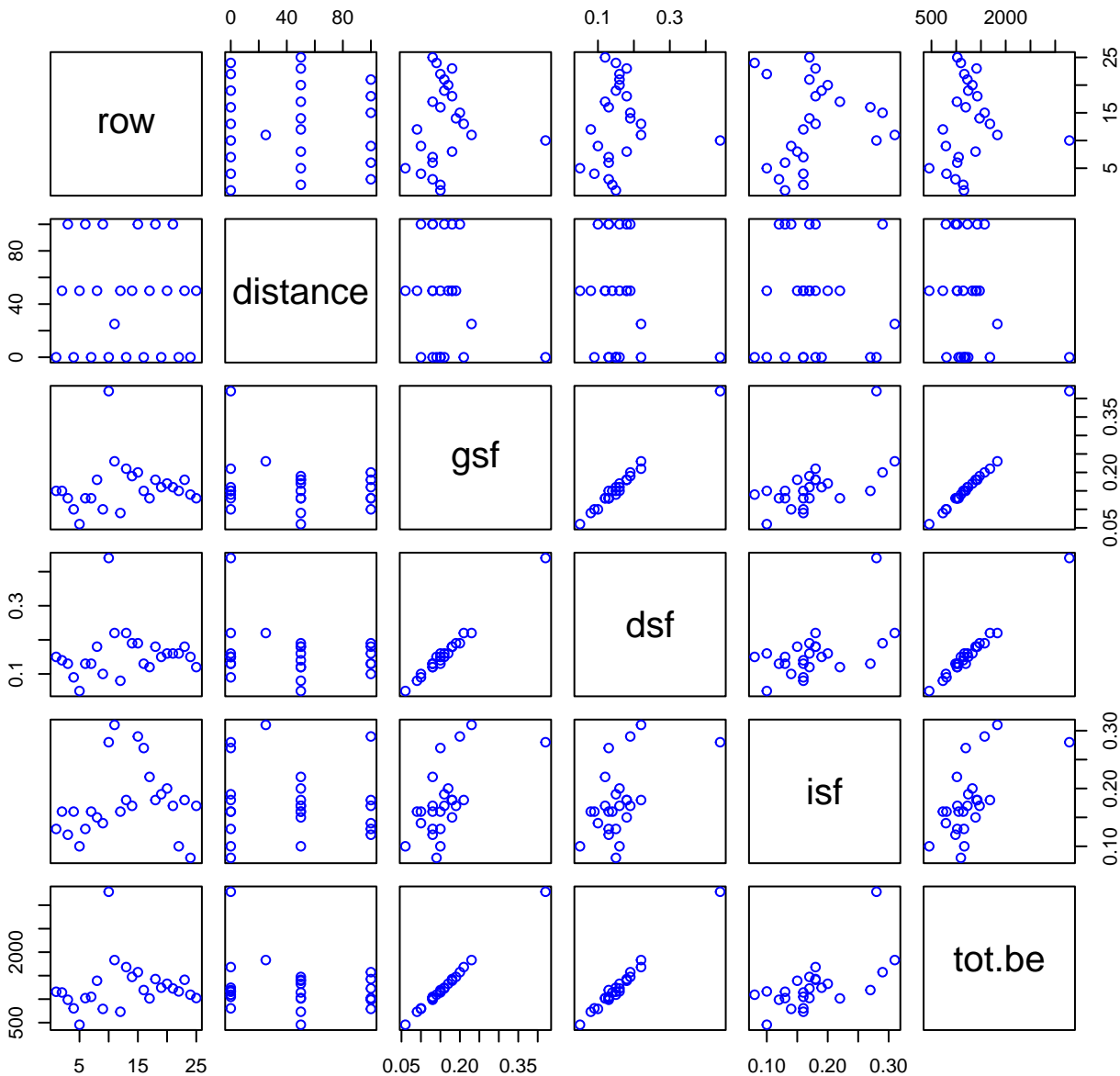
gnd.cover = estimated overall fraction of ground covered by canopy
(number)

laid.ev = estimated uniformity of the canopy across the image
(number)

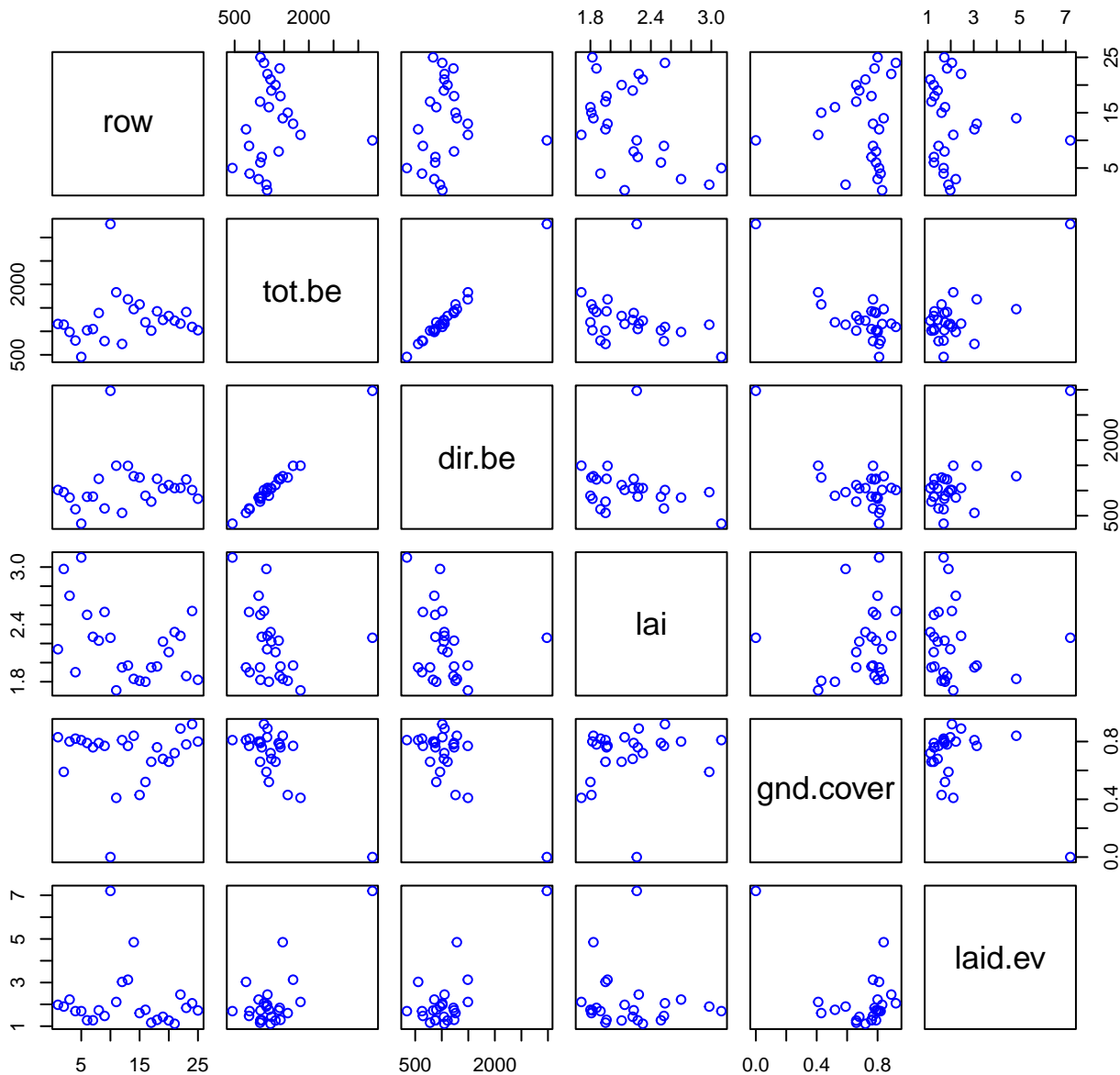
threshold = user-specified value used to classify the image into
black and white pixels (number)

Variable	Min	Median	Mean	Max	NAs
distance	0.000	50.000	43.000	100.000	0
gsf	0.060	0.150	0.161	0.420	0
dsf	0.050	0.150	0.158	0.440	0
isf	0.080	0.170	0.176	0.310	0
tot.be	455.000	1164.000	1260.000	3286.000	0
dir.be	343.000	1012.000	1069.400	2980.000	0
lai	1.710	2.140	2.190	3.100	0
gnd.cover	0.000	0.770	0.704	0.920	0
laid.ev	1.110	1.730	2.128	7.200	0
threshold	104.000	143.000	140.560	166.000	0

HF119-04 Plot 1



HF119-04 Plot 2



HF119-04 Plot 3

