Harvard Forest Data Archive HF324−04

Data File:

Name = hf324−04−fwd.csv
Description = fine woody debris
Rows = 1635 Columns = 21
MD5 checksum = 08eaf80157261710e6f2adade3d2c68e

Variables:

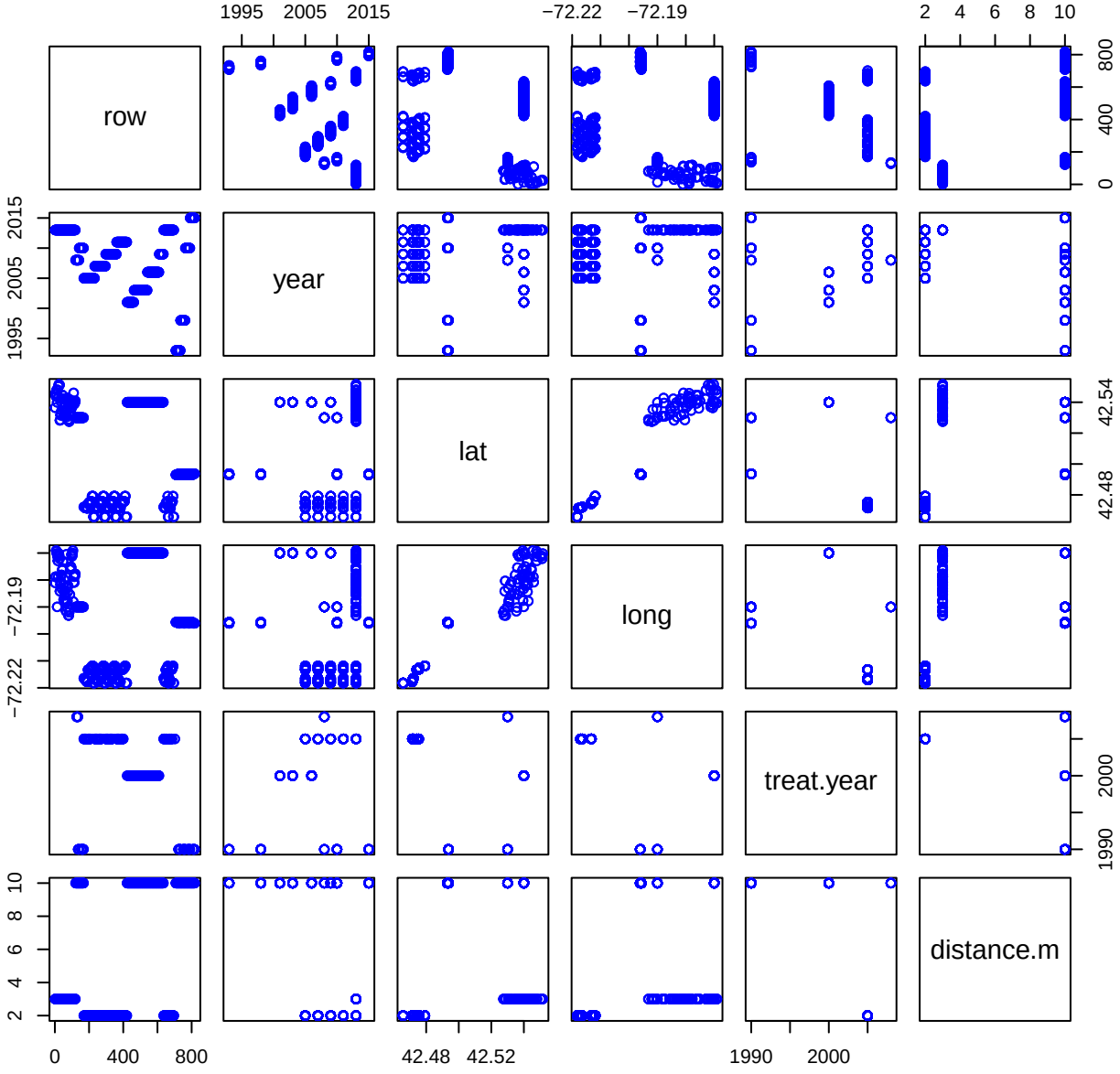
year = year of measurement
lat = latitude (degree)
long = longitude (degree)
treat.year = if experimental, treatment year
distance.m = distance measured (meter)
count = number of fwd pieces (number)
d2q = squared average quadratic mean diameter, m2, by
   species/species type and
 size class (Harmon and Sexton 1996) (squareMeter)
a = species−specific constant used to calculate volume (Harmon and
   Sexton
 1996) (dimensionless)
dens = species−specific density, g/cm3, used to calculate mass
   (Harmon and Sexton
 1996) (gramsPerCubicCentimeter)
volume = volume, m3/m2, calculated with the equation V=

   9.869*count*a*(d2q/(8*distance.m)), where V is volume per unit area, d is the quadratic mean
 piece
   diameter for a size class, and a is the average secant piece along the
   transect (Harmon
 and Sexton 1996) (litersPerSquareMeter)
mass = mass, g/m2, calculated from the equation

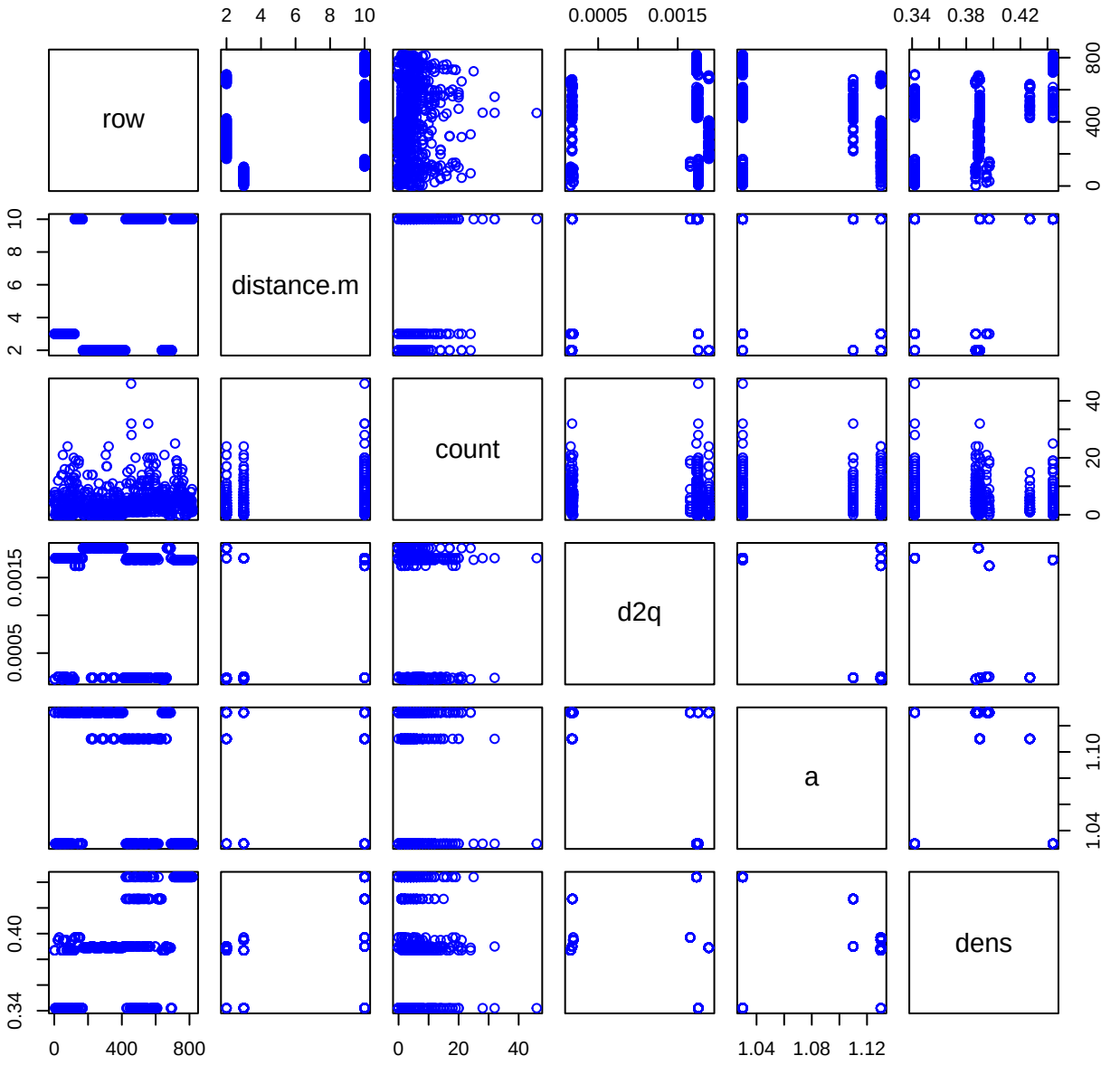
   dens*(1/0.000001))*volume) (gramsPerSquareMeter)

Variable	Min	Median	Mean	Max	NAs
year	1993.000	2009.000	2007.641	2015.000	20
lat	42.466	42.494	42.507	42.552	20
long	−72.218	−72.196	−72.194	−72.169	20
treat.year	1990.000	2000.000	2000.537	2008.000	938
distance.m	2.000	3.000	5.849	10.000	20
count	0.000	4.000	6.367	143.000	20
d2q	0.000	0.002	0.001	0.002	20
a	1.030	1.110	1.091	1.130	20
dens	0.342	0.389	0.392	0.444	20
volume	0.000	0.001	0.001	0.032	20
mass	0.000	241.414	456.303	12298.560	0

HF324−04 Plot 1



HF324−04 Plot 2



HF324−04 Plot 3