

Harvard Forest Data Archive HF207-01

Data File:

Name = hf207-01-cwd.csv

Description = coarse woody debris

Rows = 404 Columns = 11

MD5 checksum = 90f2def38b8d0ff05a256eeec9ced586

Variables:

year = year

t.length = transect length, which is 16 m in all cases (meter)

diameter.1 = diameter of the downed wood piece where it intersects
the transect (centimeter)

diameter.2 = diameter of the downed wood piece measured
perpendicular to diameter.1 (centimeter)

diameter.avg = elliptical average of diameter.1 and diameter.2
(centimeter)

volume = volume. Calculated using equation 7 from Harmon & Sexton
(Harmon, M.E. and J. Sexton. 1996. Guidelines for measurements of woody
detritus in forest ecosystems) to determine the volume:

$V = 9.869 * \text{Sum of}$
 $(d^2/8L)$, where

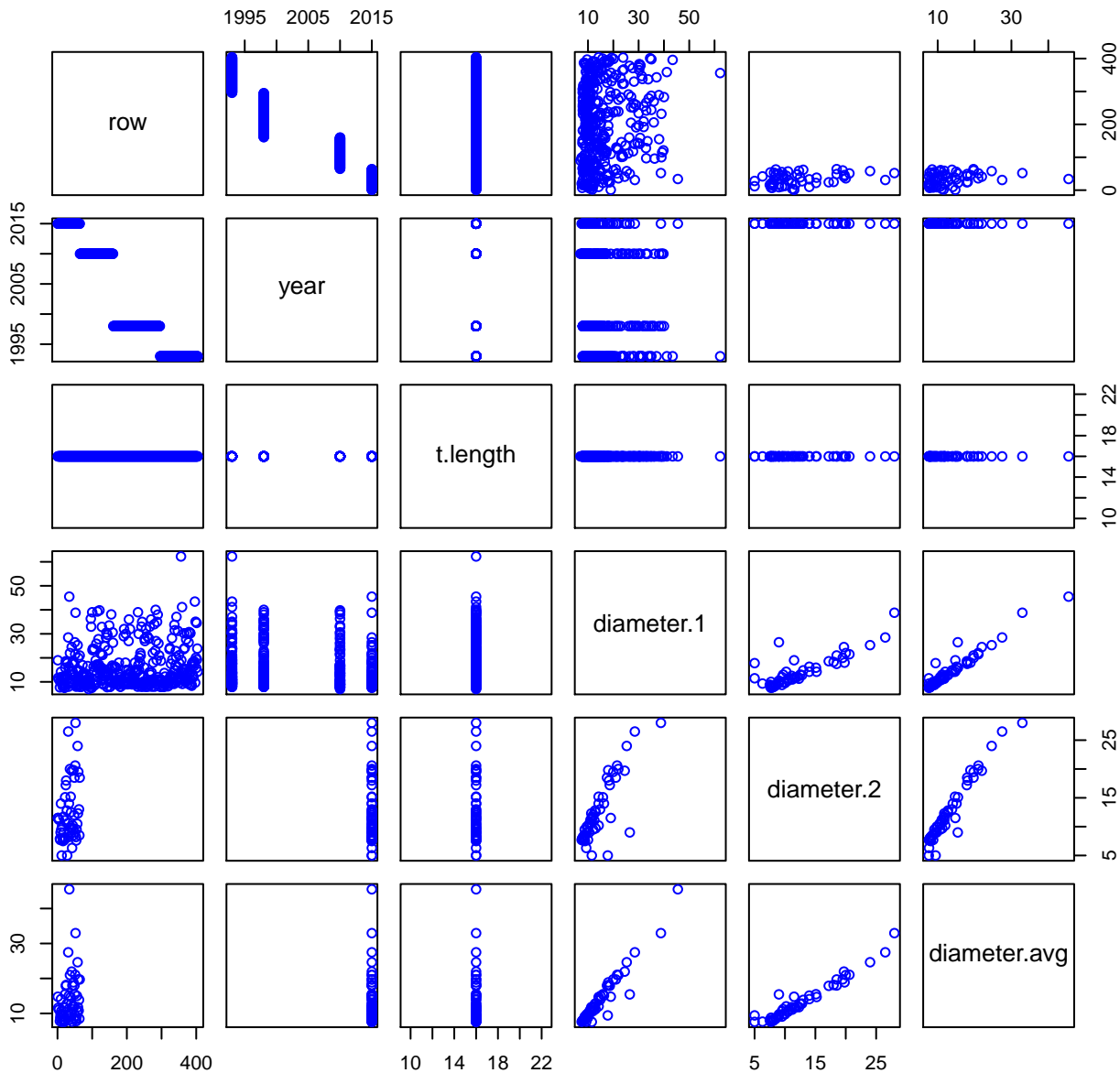
V is volume (m³/m²)

d is round diameter divided by 100 (to
give diameter in meters)

L is transect length (m)
(cubicMeterPerSquareMeter)

Variable	Min	Median	Mean	Max	NAs
year	1993.000	1998.000	2002.196	2015.000	0
t.length	16.000	16.000	16.000	16.000	1
diameter.1	7.000	12.700	15.969	62.230	23
diameter.2	5.000	10.600	12.374	28.000	351
diameter.avg	7.583	11.750	13.766	45.500	347
volume	0.000	0.001	0.002	0.030	0

HF207-01 Plot 1



HF207-01 Plot 2

