

Harvard Forest Data Archive HF207-01

Data File:

Name = hf207-01-cwd.csv

Description = coarse woody debris

Rows = 479 Columns = 11

MD5 checksum = ffa5fbfa0c06839853da5d755f4f766d

Variables:

year = year

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

diameter = 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)

diamavgcm = 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

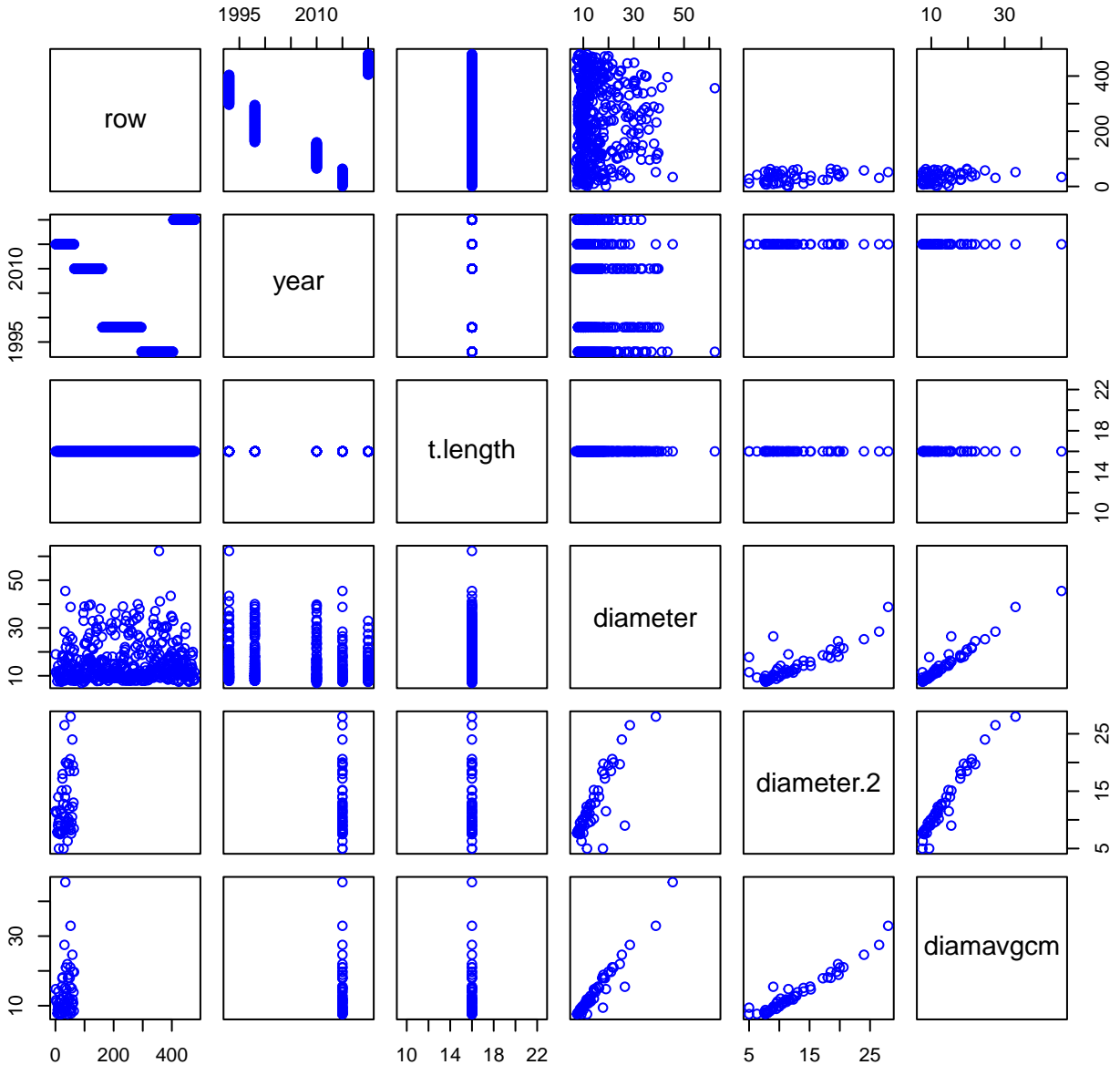
V is volume (m<sup>3</sup>/m<sup>2</sup>)

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

L is transect length (m)  
(meterCubedPerMeterSquared)

Variable	Min	Median	Mean	Max	NAs
year	1993.000	1998.000	2004.983	2020.000	0
t.length	16.000	16.000	16.000	16.000	1
diameter	7.000	12.650	15.668	62.230	27
diameter.2	5.000	10.600	12.374	28.000	426
diamavgcm	7.583	11.750	13.766	45.500	422
volume	0.000	0.001	0.002	0.030	0

# HF207-01 Plot 1



# HF207-01 Plot 2

