

Harvard Forest Data Archive HF125-03

Data File:

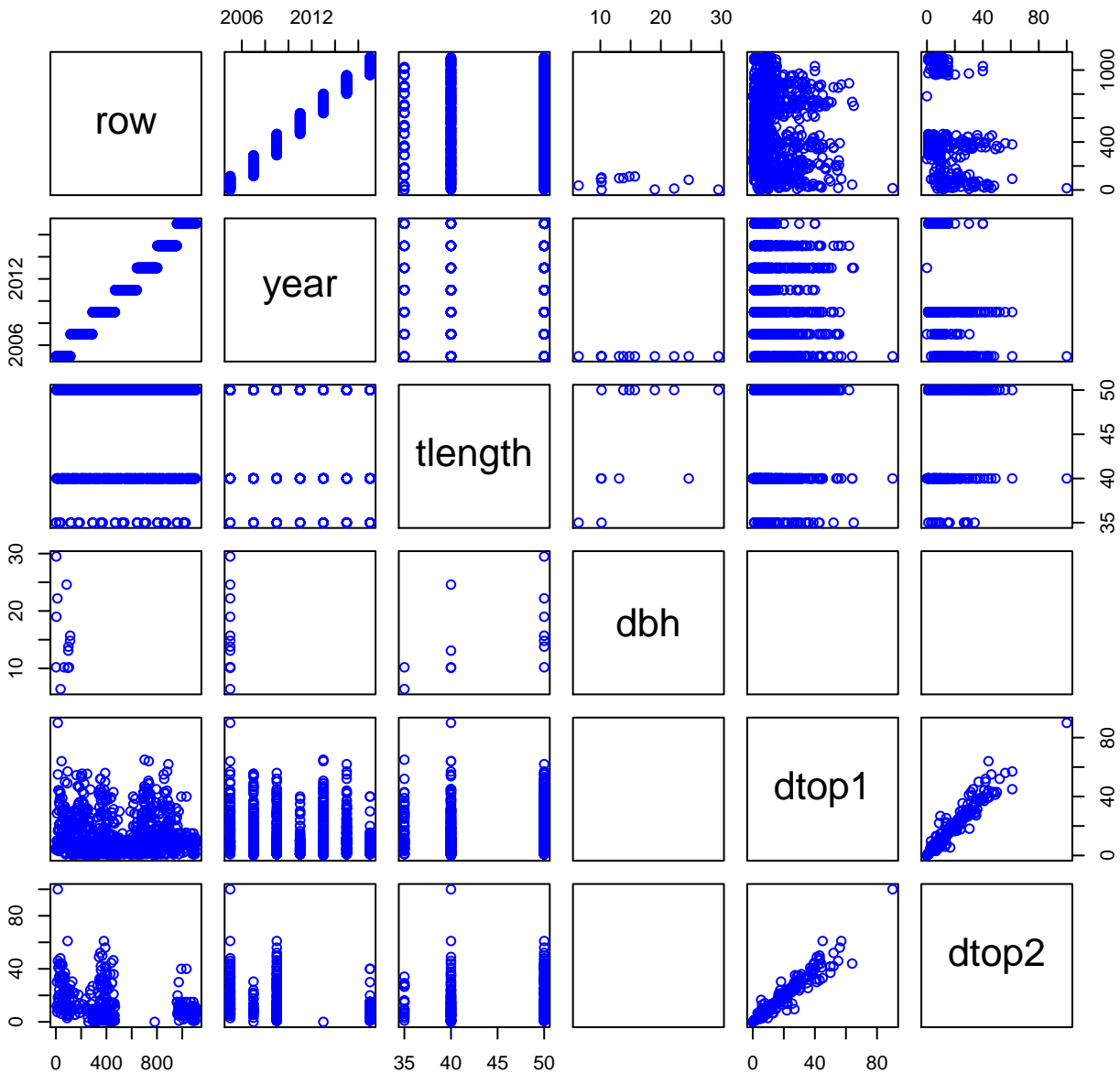
Name = hf125-03-snag.csv
Description = snags and stumps
Rows = 4427 Columns = 26
MD5 checksum = 7893d6ce8a603b42650d3147a9a5b8cc

Variables:

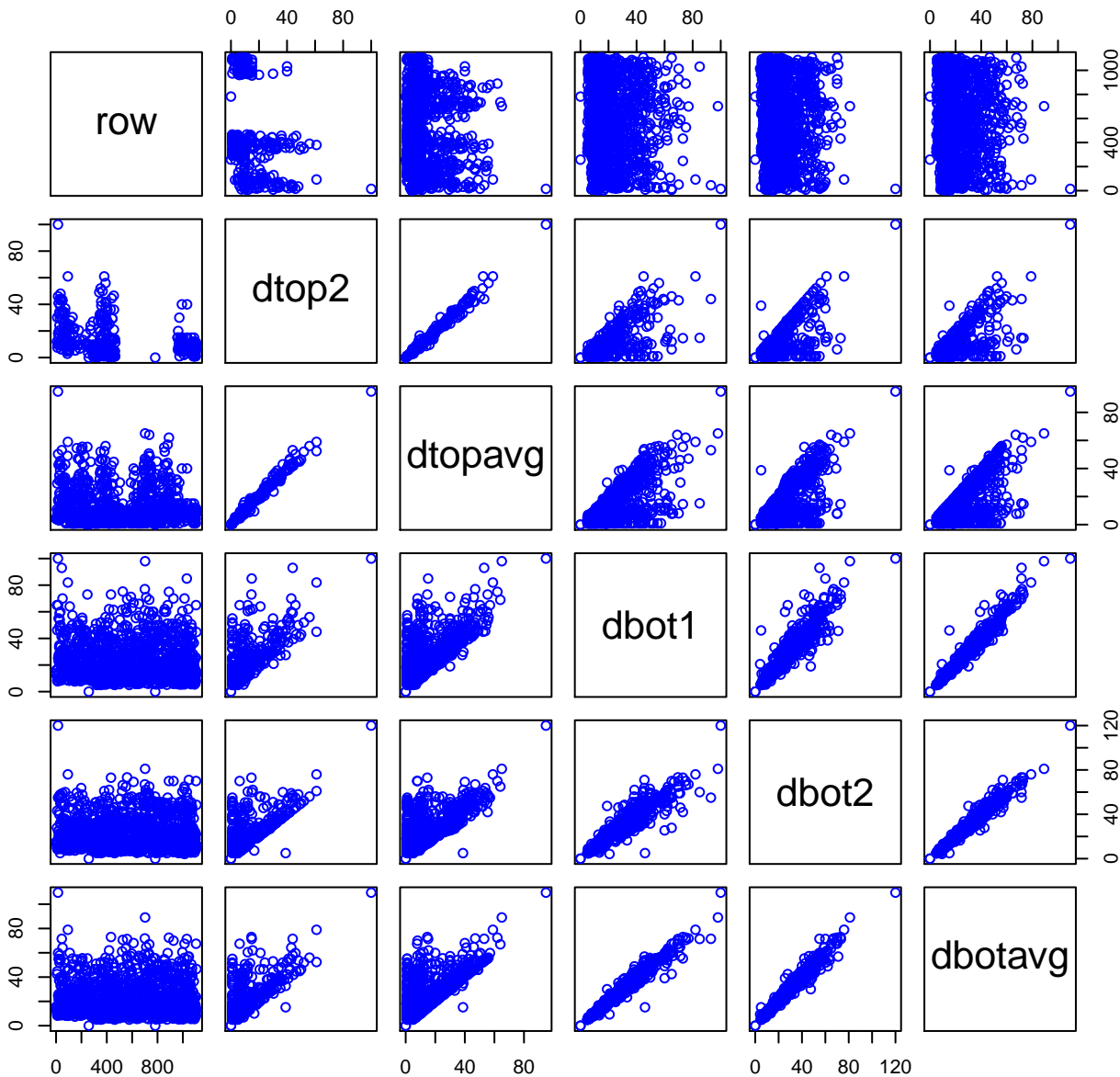
year = year
tlength = transect length (meter)
dbh = diameter at breast height used in allometric biomass equations
for intact trees in 2005 only (centimeter)
dtop1 = top diameter 1, measured with calipers or estimated visually
if beyond reach (centimeter)
dtop2 = top diameter 2, measured perpendicular to first diameter, if
possible (centimeter)
dtopavg = diameter average, formula: $\text{SQRT}(\text{diam1} * \text{diam2})$ (centimeter)
dbot1 = bottom diameter 1, measured with calipers (centimeter)
dbot2 = bottom diameter 2, measured perpendicular to first diameter,
if possible (e.g.; not possible if wood is sunk in ground)
(centimeter)
dbotavg = diameter average, formula: $\text{SQRT}(\text{diam1} * \text{diam2})$ (centimeter)
clindist = distance to tree used to calculate height with clinometer
(meter)
clinbot = bottom clinometer reading, percent scale, used to
calculate height with clinometer (dimensionless)
clintop = top clinometer reading, percent scale, used to calculate
height with clinometer (dimensionless)
clinht = snag/stump height, formula: $\text{tree height} =$
 $\text{clindist} * (\text{clintop} - \text{clinbot})$ (centimeter)
height = snag/stump height, copied from clinht or measured directly
with tape in field (centimeter)
volm3m2 = dead wood volume (meterCubedPerMeterSquared)
densitygcm3 = density by species and decay class; see methods; from
Liu et al. (2006) (centimeterCubed)
massgm2 = mass, formula: $\text{volumem3m2} * \text{densitygcm3}$
(gramsPerSquareMeter)

| Variable | Min | Median | Mean | Max | NAs |
|-------------|----------|----------|----------|-----------|------|
| year | 2005.000 | 2011.000 | 2011.095 | 2017.000 | 0 |
| tlength | 35.000 | 50.000 | 45.020 | 50.000 | 12 |
| dbh | 0.000 | 13.000 | 13.974 | 29.600 | 4393 |
| dtop1 | 0.000 | 9.000 | 13.364 | 90.000 | 547 |
| dtop2 | 0.000 | 9.000 | 13.460 | 100.000 | 2984 |
| dtopavg | 0.000 | 9.000 | 13.323 | 94.868 | 547 |
| dbot1 | 0.000 | 19.900 | 24.087 | 164.000 | 45 |
| dbot2 | 0.000 | 19.800 | 23.834 | 120.000 | 107 |
| dbotavg | 0.000 | 20.000 | 23.894 | 109.545 | 45 |
| clindist | 0.000 | 13.000 | 13.805 | 30.000 | 3392 |
| clinbot | -88.000 | -15.000 | -14.862 | 35.000 | 3392 |
| clintop | 0.000 | 86.000 | 83.618 | 150.000 | 3392 |
| clinht | 0.000 | 1296.000 | 1354.792 | 3060.000 | 3392 |
| height | -900.000 | 70.000 | 451.647 | 3060.000 | 12 |
| volm3m2 | -0.003 | 0.000 | 0.001 | 0.025 | 12 |
| densitygcm3 | 0.260 | 0.300 | 0.344 | 0.580 | 22 |
| massgm2 | -940.667 | 42.133 | 302.213 | 10033.369 | 13 |

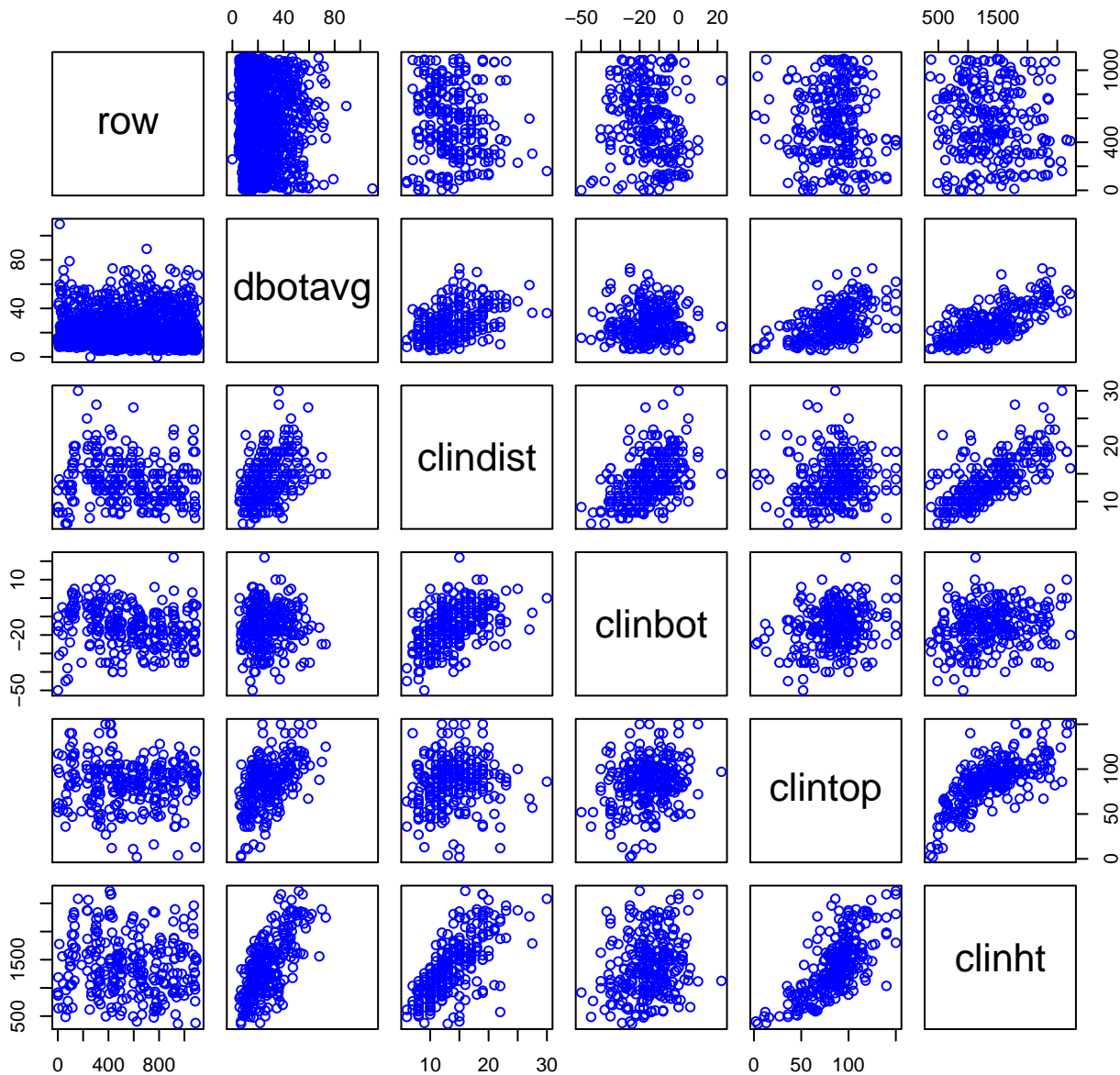
HF125-03 Plot 1



HF125-03 Plot 2



HF125-03 Plot 3



HF125-03 Plot 4

