

Harvard Forest Data Archive HF324-01

Data File:

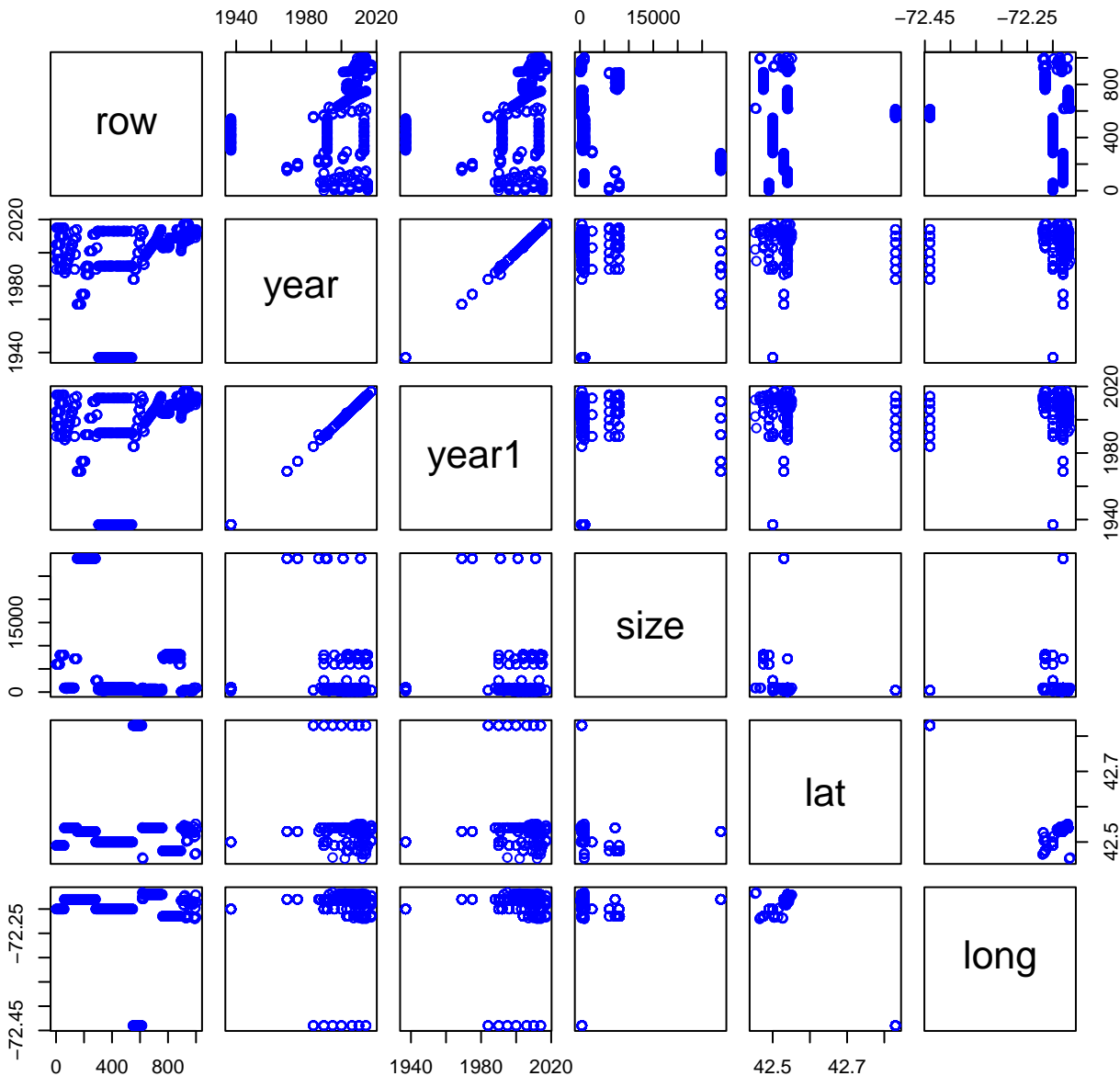
Name = hf324-01-tree-biomass.csv
Description = live trees biomass
Rows = 129348 Columns = 33
MD5 checksum = 8de433b6cd3107e7e8ab4b1dcd69afd6

Variables:

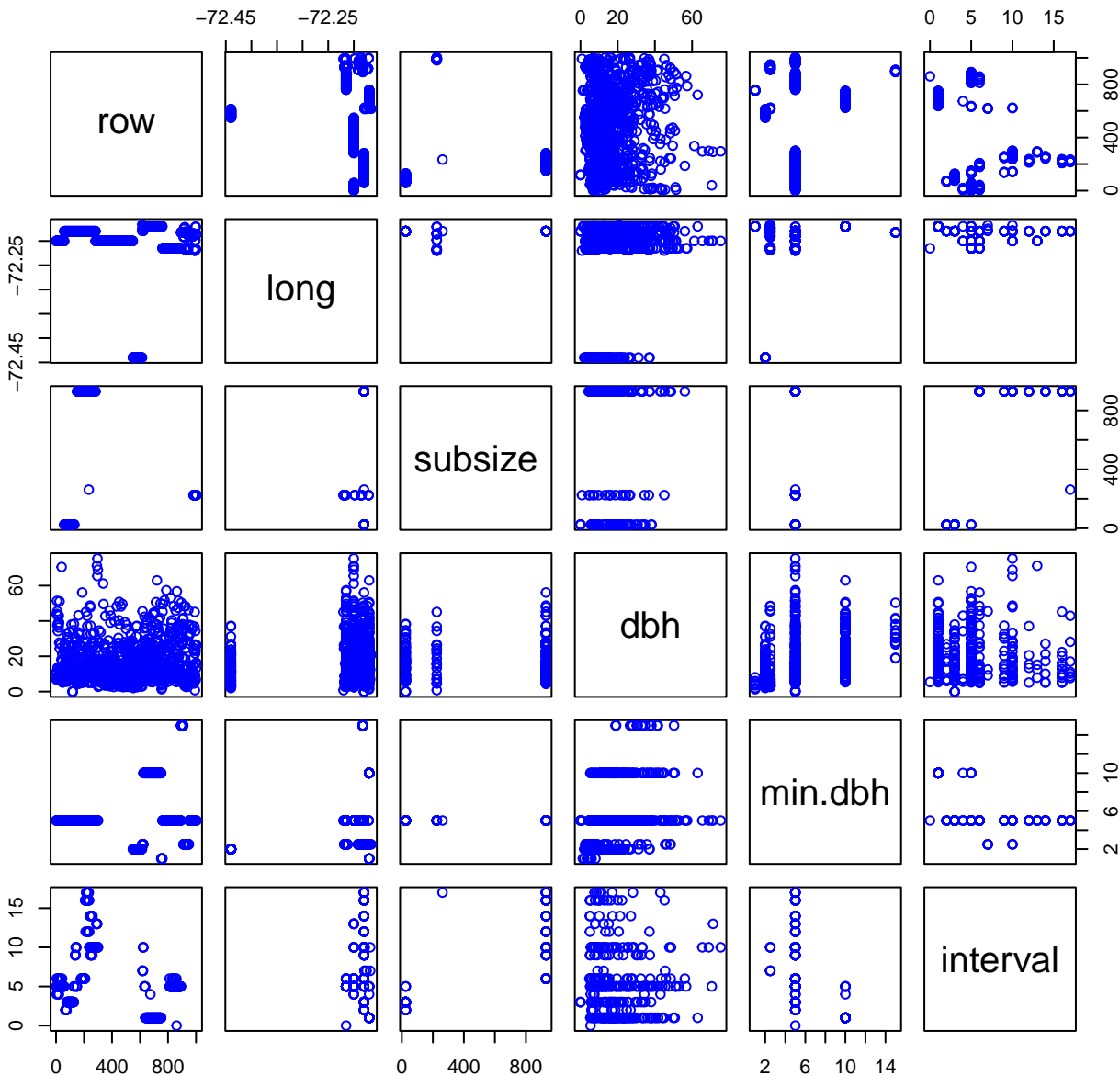
year = year of measurement
year1 = date used to scale up to plot-level measurements. For projects hf032, the years 1987, 1991 & 1992 are lumped as 1991; for project hf126, the years 2003, 2004, 2005, 2006 are lumped as 2004
doy = day of year (nominalDay)
size = plot area (m2). To scale up, use this area (m2) with trees grouped by project, plot and year1 (squareMeter)
lat = latitude (degree)
long = longitude (degree)
subsize = size in m2 of subplots (squareMeter)
dbh = diameter at breast height (centimeter)
min.dbh = minimum diameter tree measured in a study (centimeter)
interval = number of years between the current measurement and the prior measurement, where applicable (number)
dbhprior = diameter at breast height (cm), at the prior measurement, or for recruits, the minimum dbh in the study (centimeter)
biomass.af20 = biomass of the tree, calculated using species-specific allometry equations (kilogram)
biomassprior.af20 = biomass of the tree at its prior measurement, if any, calculated using species specific allometry equations (kilogram)
rootratio = estimated ratio of coarse root biomass to aboveground biomass at tree's prior measurement (if any) based on species group and tree diameter, based on Jenkins et al. 2004 (dimensionless)
rootratioprior = estimated ratio of coarse root biomass to aboveground biomass based on species group and tree diameter, based on Jenkins et al. 2005 (dimensionless)
coarseroot.kg = biomass.af20*rootratio, estimated coarse root biomass (kilogram)
coarseroot.kgprior = biomassprior.af20*rootratioprior, estimated coarse root biomass at tree's prior measurement, if any (kilogram)

Variable	Min	Median	Mean	Max	NAs
year	1937.000	2001.000	1993.770	2017.000	0
year1	1937.000	2001.000	1993.787	2017.000	0
doy					129348
size	113.097	900.000	5803.587	28800.000	0
lat	42.453	42.530	42.534	42.830	0
long	-72.440	-72.200	-72.208	-72.166	0
subsize	25.000	929.030	569.166	929.030	99947
dbh	0.000	13.000	16.653	116.840	3877
min.dbh	1.000	5.000	5.597	15.000	32006
interval	0.000	5.000	5.379	17.000	72573
dbhprior	0.000	15.100	18.288	105.400	72212
biomass.af20	0.000	52.268	187.834	10316.084	3877
biomassprior	0.000	74.826	224.998	8635.154	72200
rootratio	0.000	0.205	0.208	0.273	4977
rootratiopri	0.186	0.200	0.204	0.273	72239
coarseroot.k	0.000	10.856	37.591	1916.148	4977
coarseroot.k	0.242	15.004	44.169	1604.883	72239

HF324-01 Plot 1



HF324-01 Plot 2



HF324-01 Plot 3

