Harvard Forest Data Archive HF069−08

Data File:

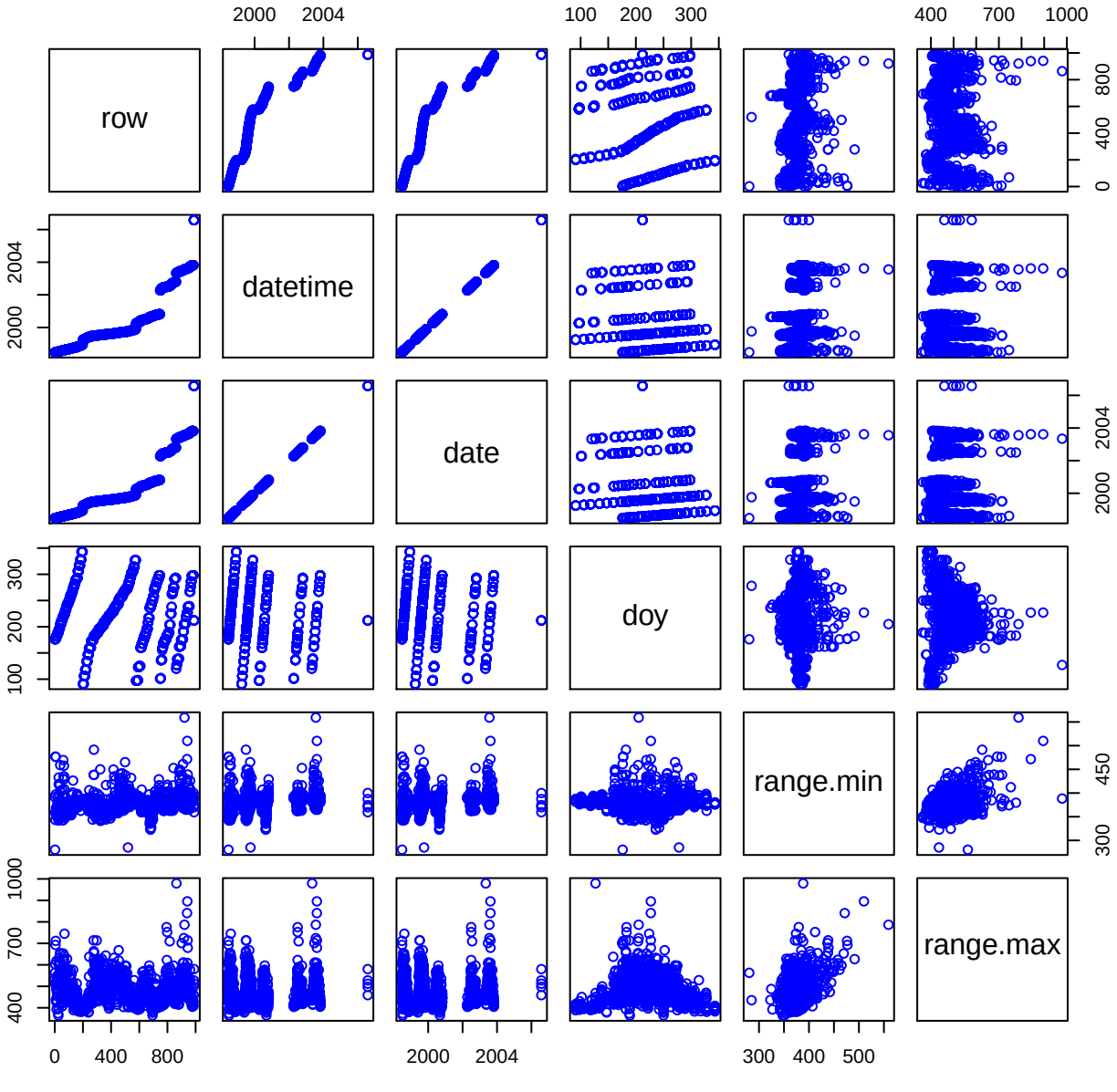
Name = hf069−08−soil.resp.csv
Description = soil respiration
Rows = 4947 Columns = 17
MD5 checksum = 5c773fcdf1cd3d9a48e229728ff1911a

Variables:

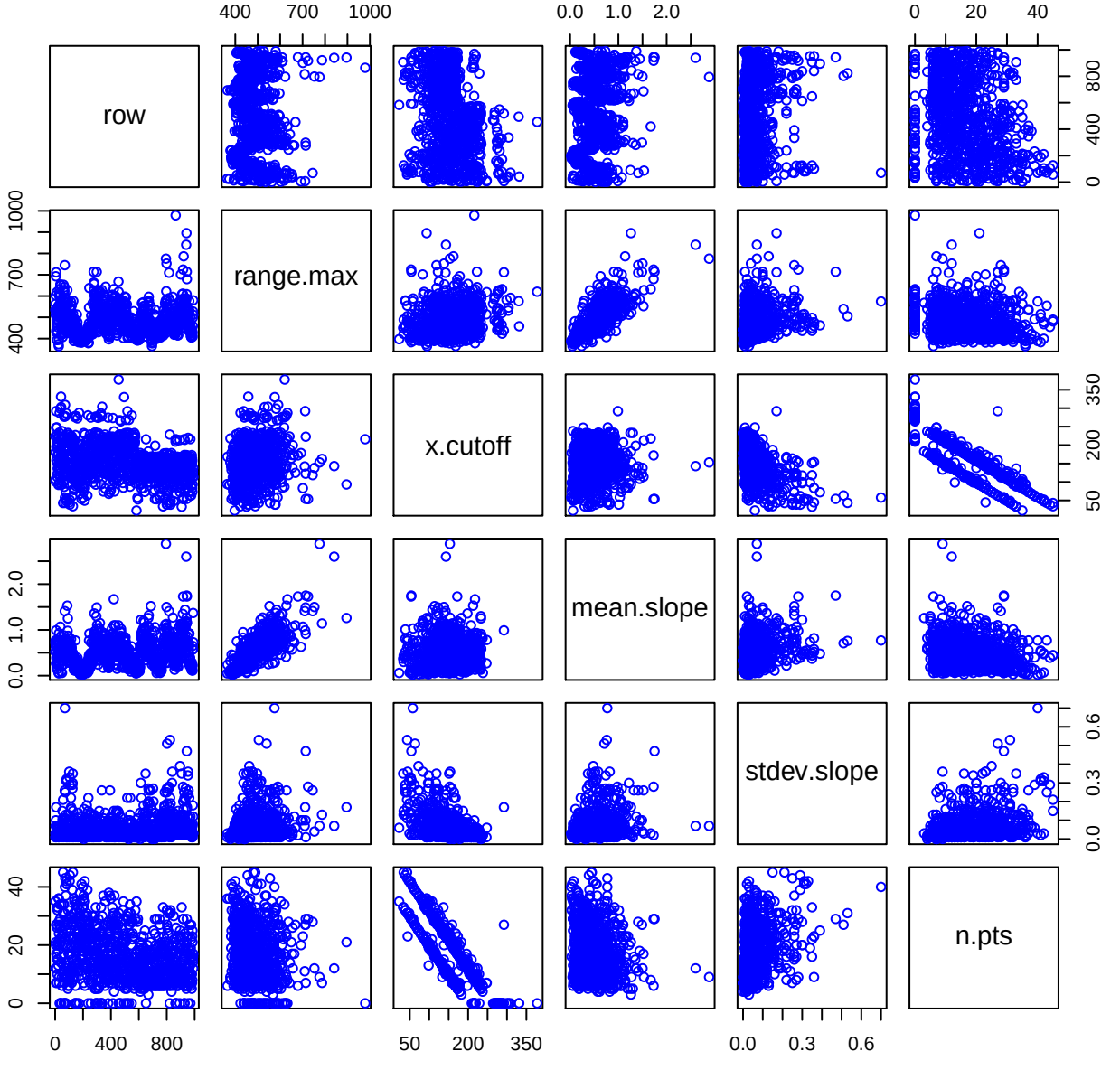
datetime = date and time
date = date
doy = Julian day (nominalDay)
range.min = minimum CO2 concentration measured (ppm) (dimensionless)
range.max = final [maximum] CO2 concentration measured (ppm)
   (dimensionless)
x.cutoff = time (s) on the curve after which the mean of the 1st
   derivative was calculated (second)
mean.slope = mean of the 1st derivative (ppm/s) (dimensionless)
stdev.slope = standard deviation of the 1st derivative (ppm/s)
   (dimensionless)
n.pts = N points used to calculate the mean of the 1st derivative
   (number)
tair = air temperature (celsius)
tsoil = soil temperature (celsius)
collar.height = average collar height (meter)
flux = soil CO2 flux (micromole CO2/m2/s)
   (micromolePerMeterSquaredPerSecond)

Variable	Min	Median	Mean	Max	NAs
datetime	1998-06-25T10:00		2006-07-31T11:06		0
date	1998-06-25	1999-09-24	2000-06-16	2006-07-31	0
doy	91.000	219.000	220.660	343.000	0
range.min	51.750	377.610	379.596	573.260	0
range.max	364.120	472.190	487.354	979.130	0
x.cutoff	22.590	157.830	158.572	377.630	1
mean.slope	0.000	0.480	0.527	3.540	272
stdev.slope	0.000	0.040	0.061	0.850	272
n.pts	0.000	14.000	15.395	58.000	0
tair	−0.700	19.000	17.896	33.600	0
tsoil	0.400	15.300	13.996	28.600	261
collar.heigh	0.120	0.160	0.157	0.210	0
flux	0.090	3.070	3.351	22.000	292

HF069−08 Plot 1



HF069−08 Plot 2



HF069−08 Plot 3