

Harvard Forest Data Archive HF225-01

Data File:

Name = hf225-01-mature-trees.csv
Description = mature trees
Rows = 10 Columns = 22
MD5 checksum = 90d67fe02c4b2eafaf2fffb291f3270ef

Variables:

dbh = diameter at breast height (centimeter)
height = height (meter)
age = tree stump age in years (number)
sucrose = nonstructural carbohydrate concentrations extracted from 2
cm stemwood
cores in late summer (mg g-1 dry wood) (dimensionless)
glucose = nonstructural carbohydrate concentrations extracted from 2
cm stemwood
cores in late summer (mg g-1 dry wood) (dimensionless)
fructose = nonstructural carbohydrate concentrations extracted from
2 cm stemwood
cores in late summer (mg g-1 dry wood)
(dimensionless)
raffinose = nonstructural carbohydrate concentrations extracted from
2 cm stemwood
cores in late summer (mg g-1 dry wood)
(dimensionless)
stachyose = nonstructural carbohydrate concentrations extracted from
2 cm stemwood
cores in late summer (mg g-1 dry wood)
(dimensionless)
total.sugar = nonstructural carbohydrate concentrations extracted
from 2 cm stemwood
cores in late summer (mg g-1 dry wood)
(dimensionless)
starch = nonstructural carbohydrate concentrations extracted from 2
cm stemwood
cores in late summer (mg g-1 dry wood) (dimensionless)
total = nonstructural carbohydrate concentrations extracted from 2
cm stemwood
cores in late summer (mg g-1 dry wood) (dimensionless)
spring.stem.co2 = spring CO2 flux rate
(micromolePerMeterSquaredPerSecond)
summer.stem.co2 = summer CO2 flux rate
(micromolePerMeterSquaredPerSecond)
ring.cellulose.f14c = the F14C (in Fraction Modern) of cellulose
extracted from the innermost
(oldest) ring in the 2 cm stemwood core
(dimensionless)
ring.cellulose.d13c = the d13C (‰) of cellulose extracted from the
innermost (oldest) ring in
the 2 cm stemwood core (dimensionless)
stem.sugar.f14c = the F14C (in Fraction Modern) of extracted
stemwood
sugars (dimensionless)
stem.sugar.d13c = the d13C (‰) of extracted stemwood sugars
(dimensionless)
spring.stem.co2.f14c = the F14C (in Fraction Modern) of stem CO2
emitted in
spring (dimensionless)

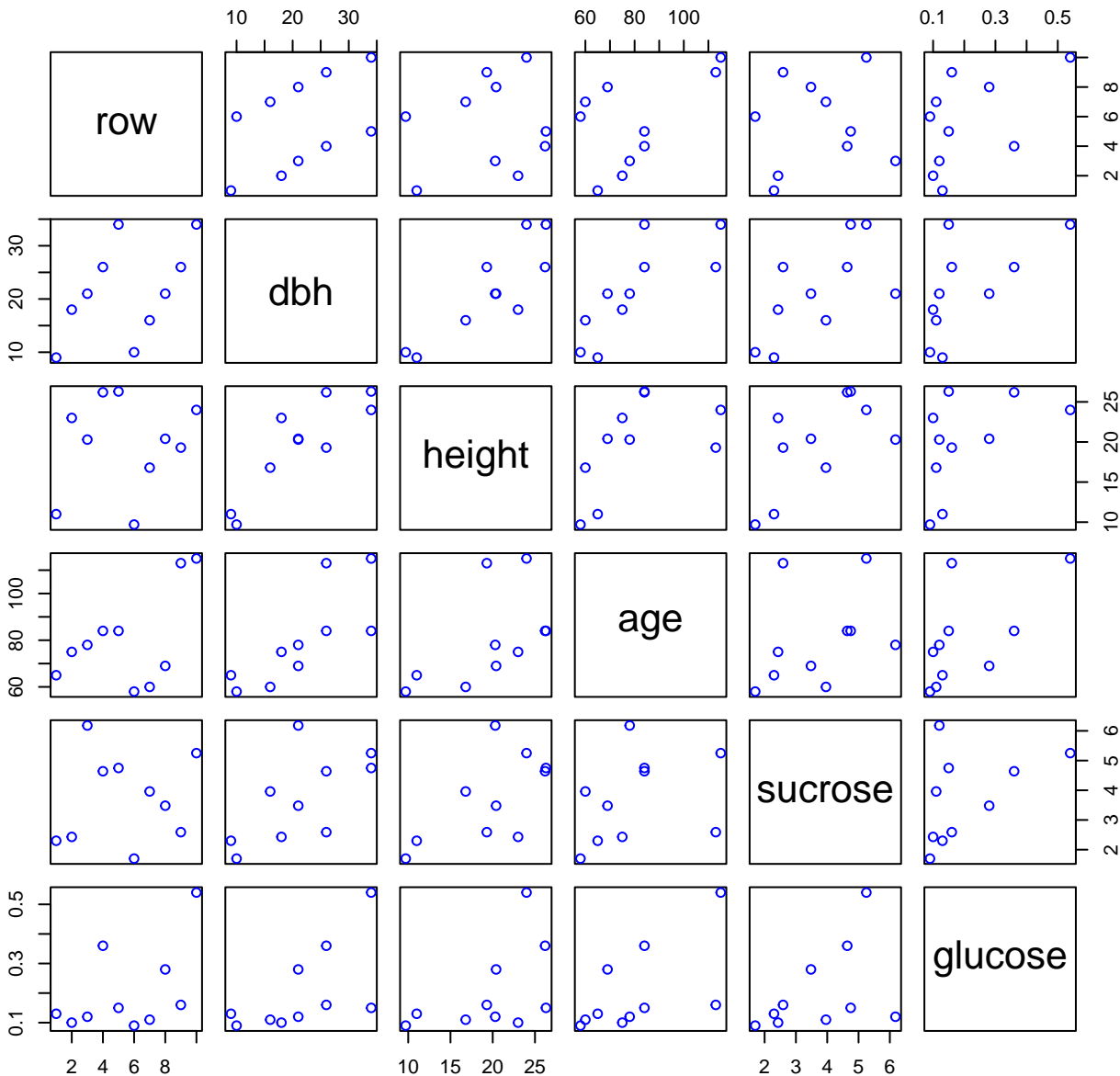
spring.stem.co2.d13c = the d13C (‰) of stem CO2 emitted in spring
(dimensionless)

summer.stem.co2.f14c = the F14C (in Fraction Modern) of stem CO2
emitted in
summer (dimensionless)

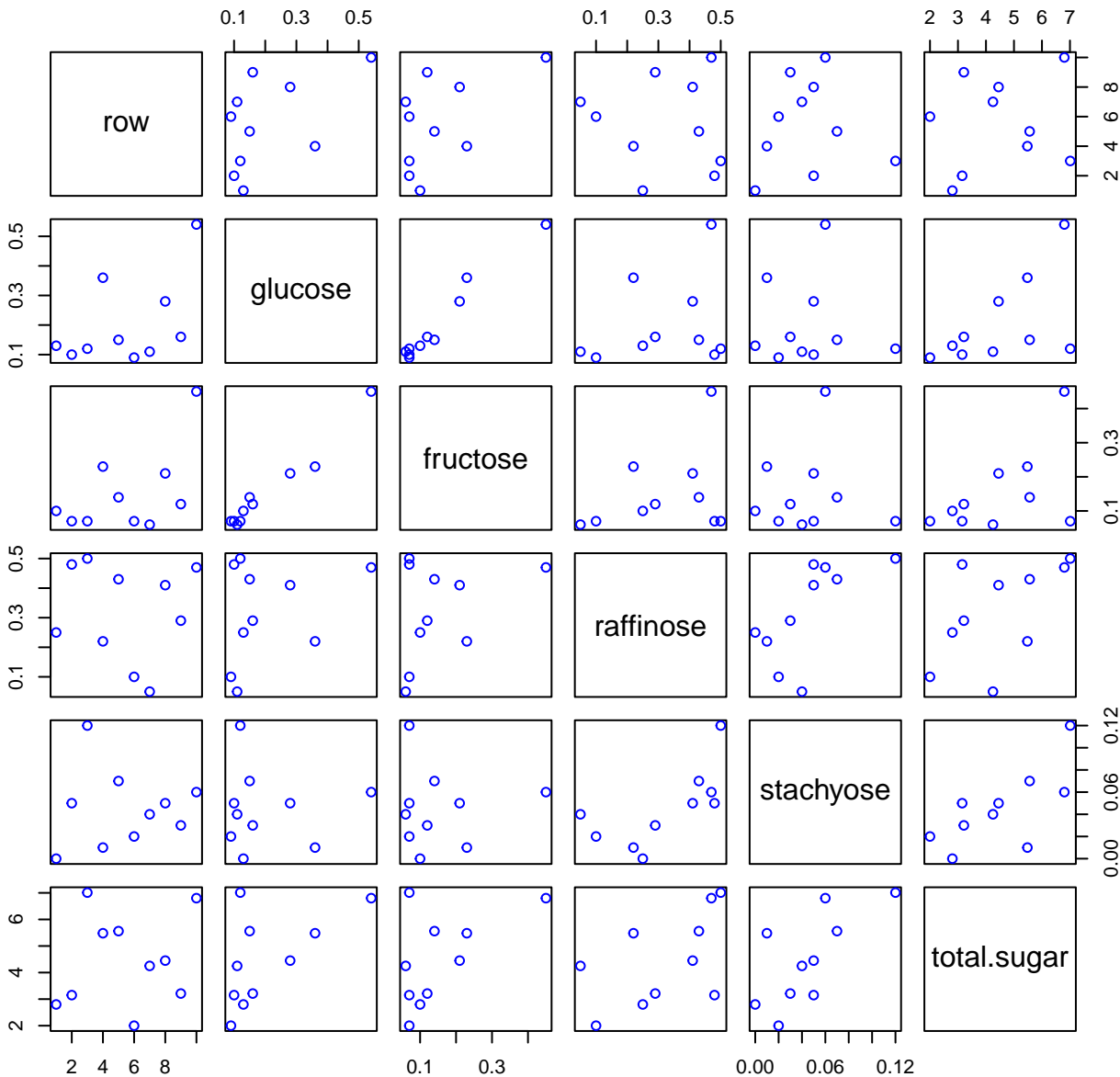
summer.stem.co2.d13c = the Fd13C (‰) of stem CO2 emitted in summer
(dimensionless)

Variable	Min	Median	Mean	Max	NAs
dbh	9.000	21.000	21.500	34.000	0
height	9.700	20.350	19.700	26.300	0
age	58.000	76.500	80.100	115.000	0
sucrose	1.700	3.720	3.728	6.180	0
glucose	0.090	0.140	0.204	0.540	0
fructose	0.060	0.110	0.152	0.450	0
raffinose	0.050	0.350	0.320	0.500	0
stachyose	0.000	0.045	0.045	0.120	0
total.sugar	2.000	4.350	4.471	7.010	0
starch	8.620	14.865	14.143	18.540	0
total	11.420	19.710	18.614	24.100	0
spring.stem.	0.140	0.320	0.443	0.960	0
summer.stem.	0.230	1.090	0.935	1.490	0
ring.celluos	1.096	1.170	1.227	1.461	1
ring.celluos	-28.600	-25.600	-25.722	-22.800	1
stem.sugar.f	1.050	1.089	1.088	1.123	1
stem.sugar.d	-30.600	-28.900	-28.722	-26.900	1
spring.stem.	1.039	1.045	1.045	1.052	1
spring.stem.	-26.300	-24.900	-24.878	-22.900	1
summer.stem.	1.030	1.032	1.035	1.040	1
summer.stem.	-25.800	-24.000	-23.822	-22.400	1

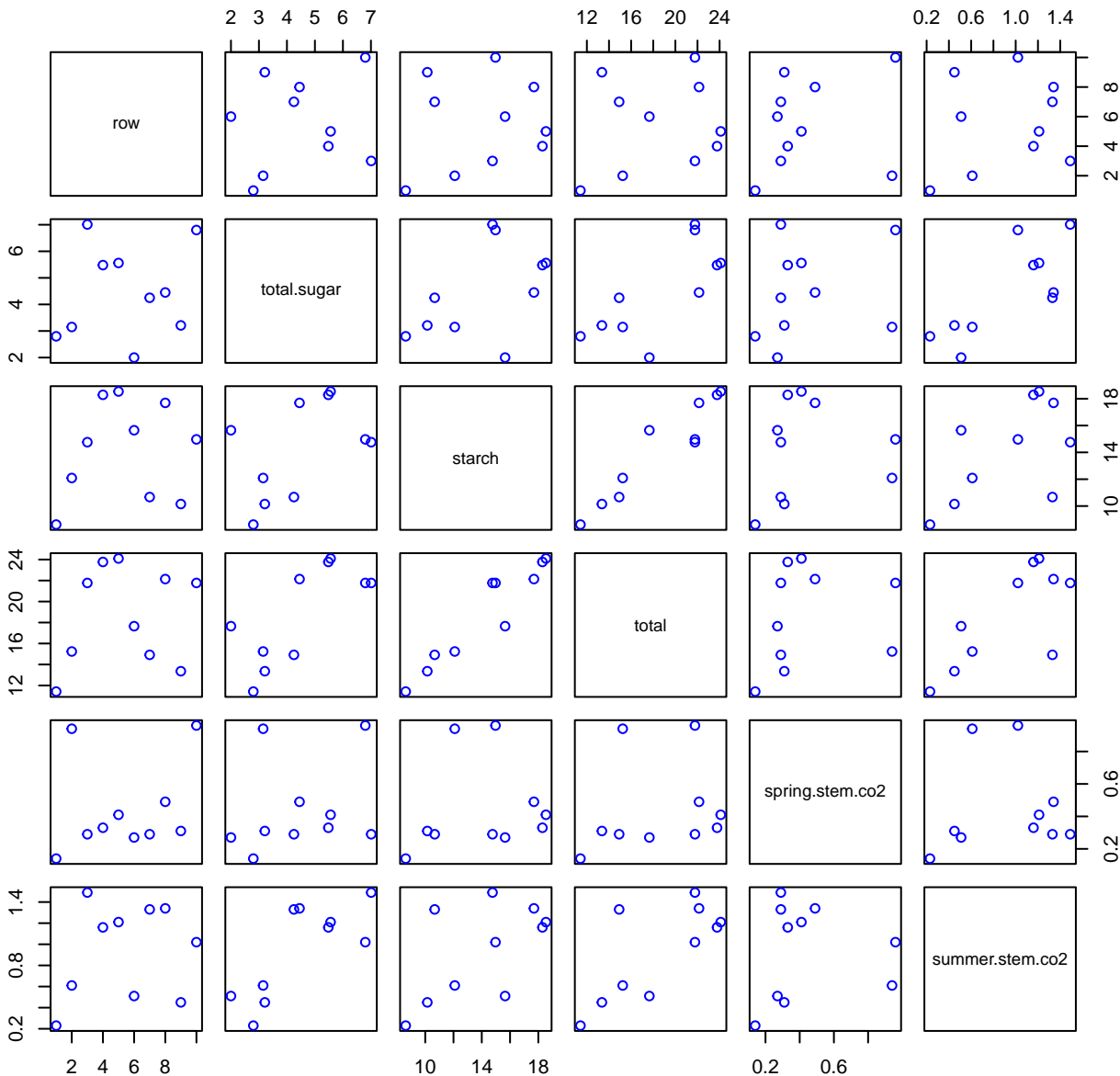
HF225-01 Plot 1



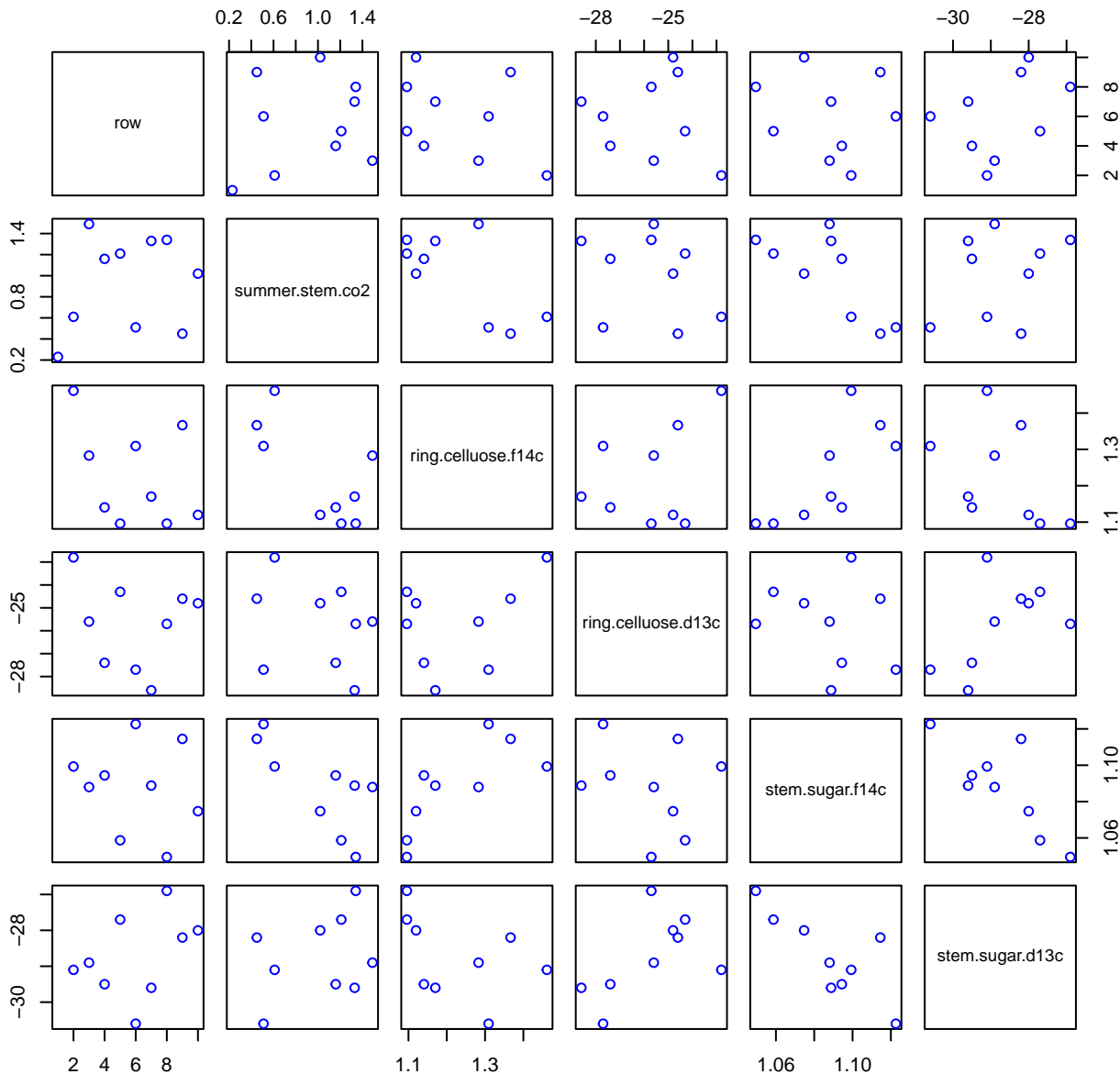
HF225-01 Plot 2



HF225-01 Plot 3



HF225-01 Plot 4



HF225-01 Plot 5

