

Harvard Forest Data Archive HF235-01

Data File:

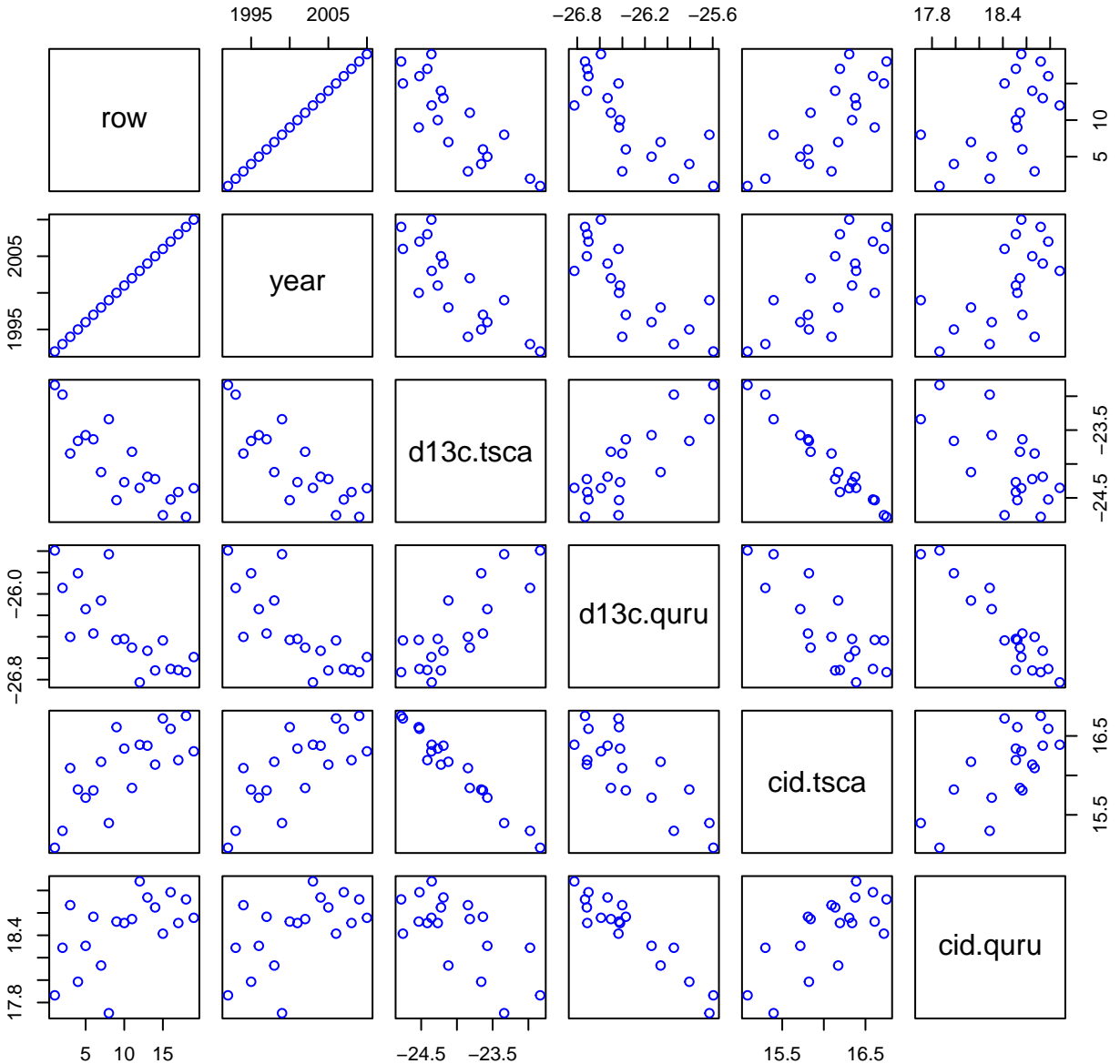
Name = hf235-01-carbon-isotope.csv
Description = carbon isotope data
Rows = 19 Columns = 13
MD5 checksum = 631bc517f2925851a83c0f496161df19

Variables:

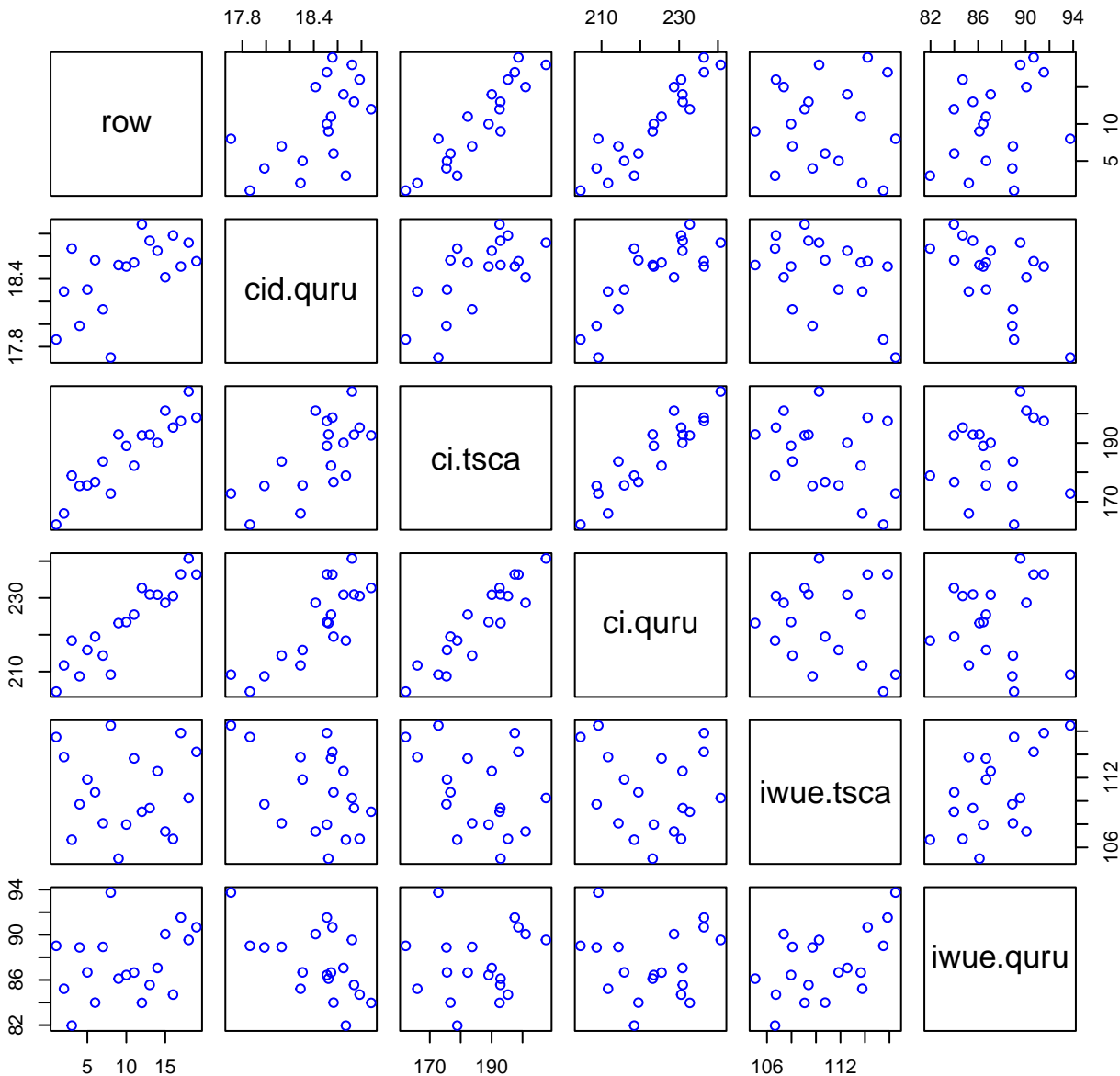
year = year
dl3c.tsca = delta-13 C of isotope analysis of *Tsuga canadensis*
(TSCA) measured from four
trees/cores (parts per thousand)
(dimensionless)
dl3c.quru = delta-13 C of *Quercus rubra* (QURU) measured from five
trees
(parts per thousand) (dimensionless)
cid.tsca = carbon isotope discrimination by the plant against
atmospheric delta-13 C
for *Tsuga Canadensis* (parts per thousand)
(dimensionless)
cid.quru = carbon isotope discrimination by the plant against
atmospheric delta-13 C
for *Quercus rubra* (parts per thousand)
(dimensionless)
ci.tsca = intercellular space CO2 concentration for *Tsuga*
canadensis
(ppm) (dimensionless)
ci.quru = intercellular space CO2 concentration for *Quercus*
rubra
(ppm) (dimensionless)
iwue.tsca = intrinsic water use efficiency for *Tsuga*
canadensis
($\mu\text{mol/mol}$) (dimensionless)
iwue.quru = intrinsic water use efficiency for *Quercus*
rubra
($\mu\text{mol/mol}$) (dimensionless)
cica.tsca = stomatal conductance for *Tsuga canadensis* (ci/ca)
(dimensionless)
cica.quru = stomatal conductance for *Quercus rubra* (ci/ca)
(dimensionless)
bai.tsca = basal area increment for all sampled trees of
Tsuga
canadensis (centimeterSquaredPerYear)
bai.quru = basal area increment for all sampled trees of
Quercus
rubra (centimeterSquaredPerYear)

Variable	Min	Median	Mean	Max	NAs
year	1992.000	2001.000	2001.000	2010.000	0
dl3c.tsca	-24.780	-24.189	-24.011	-22.835	0
dl3c.quru	-26.825	-26.430	-26.344	-25.594	0
cid.tsca	15.083	16.173	16.087	16.754	0
cid.quru	17.705	18.523	18.439	18.881	0
ci.tsca	162.209	189.009	185.833	207.572	0
ci.quru	204.571	223.462	223.241	240.711	0
iwue.tsca	105.040	110.256	110.785	116.491	0
iwue.quru	81.954	86.673	87.406	93.744	0
cica.tsca	0.467	0.515	0.511	0.541	0
cica.quru	0.582	0.618	0.615	0.634	0
bai.tsca	8.932	13.333	13.685	17.089	0
bai.quru	15.585	20.710	21.711	26.968	0

HF235-01 Plot 1



HF235-01 Plot 2



HF235-01 Plot 3

