Harvard Forest Data Archive HF372−06

Data File:

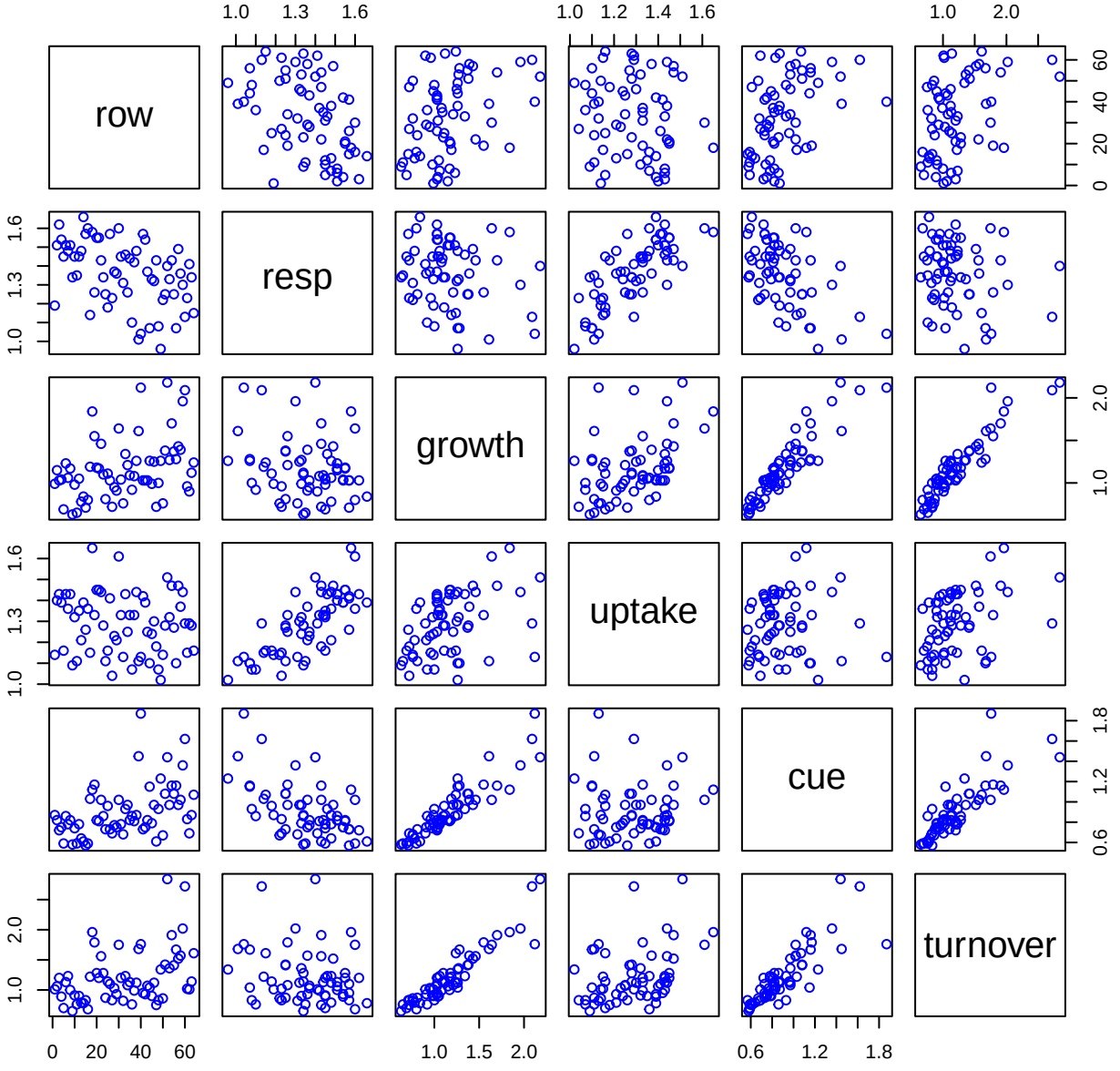
Name = hf372−06−microbial−activity−temp−sens.csv
Description = temperature sensitivity of microbial activity
Rows = 64 Columns = 19
MD5 checksum = d2b59410aed086d69adeee73ff4a6e68

Variables:

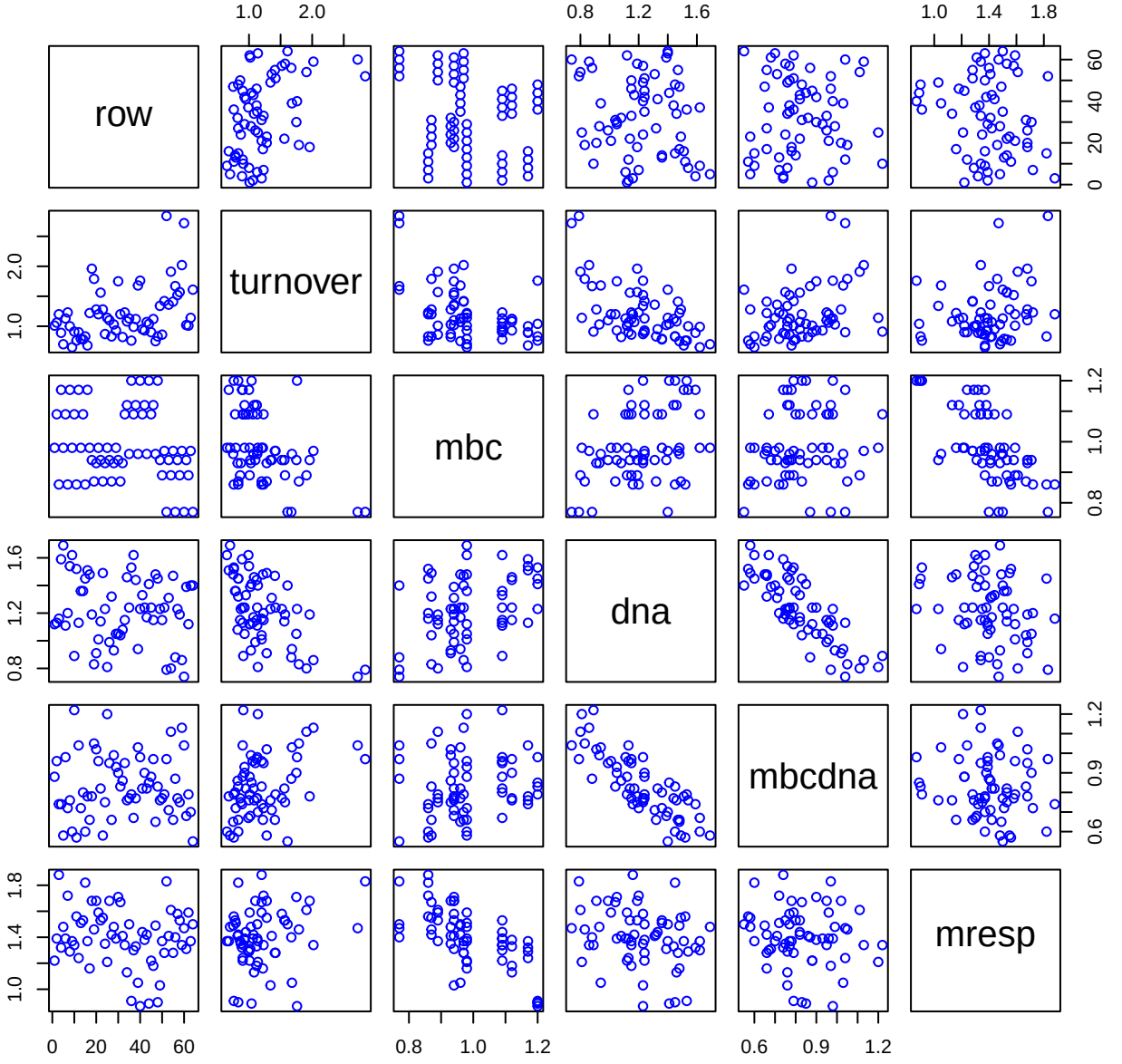
resp = microbial respiration (µg CO2−C g−1 soil) (microgramsPerGram)
growth = microbial growth (µg C g−1 soil) (microgramsPerGram)
uptake = microbial organic carbon uptake (µg C g−1 soil)
   (microgramsPerGram)
cue = microbial carbon use efficiency (%) (dimensionless)
turnover = microbial turnover rate (per day) (number)
mbc = microbial biomass carbon (microgramsPerGram)
dna = soil DNA content (microgramsPerGram)
mbcdna = ratio of mbc and dna (dimensionless)
mresp = mass−specific respiration (µg CO2−C g−1 mbc)
   (microgramsPerGram)
mgrowth = mass−specific growth (µg C g−1 mbc) (microgramsPerGram)
muptake = mass−specific uptake (µg C g−1 mbc) (microgramsPerGram)
dresp = mass−specific respiration (µg CO2−C g−1 dna)
   (microgramsPerGram)
dgrowth = mass−specific growth (µg C g−1 dna) (microgramsPerGram)
duptake = mass−specific uptake (µg C g−1 dna) (microgramsPerGram)

Variable	Min	Median	Mean	Max	NAs
resp	0.960	1.370	1.361	1.660	0
growth	0.630	1.095	1.164	2.180	0
uptake	1.020	1.290	1.288	1.650	0
cue	0.570	0.825	0.903	1.870	0
turnover	0.650	1.110	1.207	2.840	0
mbc	0.770	0.965	0.985	1.200	0
dna	0.740	1.230	1.222	1.690	0
mbcdna	0.550	0.795	0.830	1.220	0
mresp	0.870	1.395	1.401	1.880	0
mgrowth	0.650	1.110	1.207	2.840	0
muptake	0.890	1.290	1.326	1.970	0
dresp	0.720	1.140	1.158	1.790	0
dgrowth	0.390	0.890	1.027	2.820	0
duptake	0.670	1.060	1.105	1.900	0

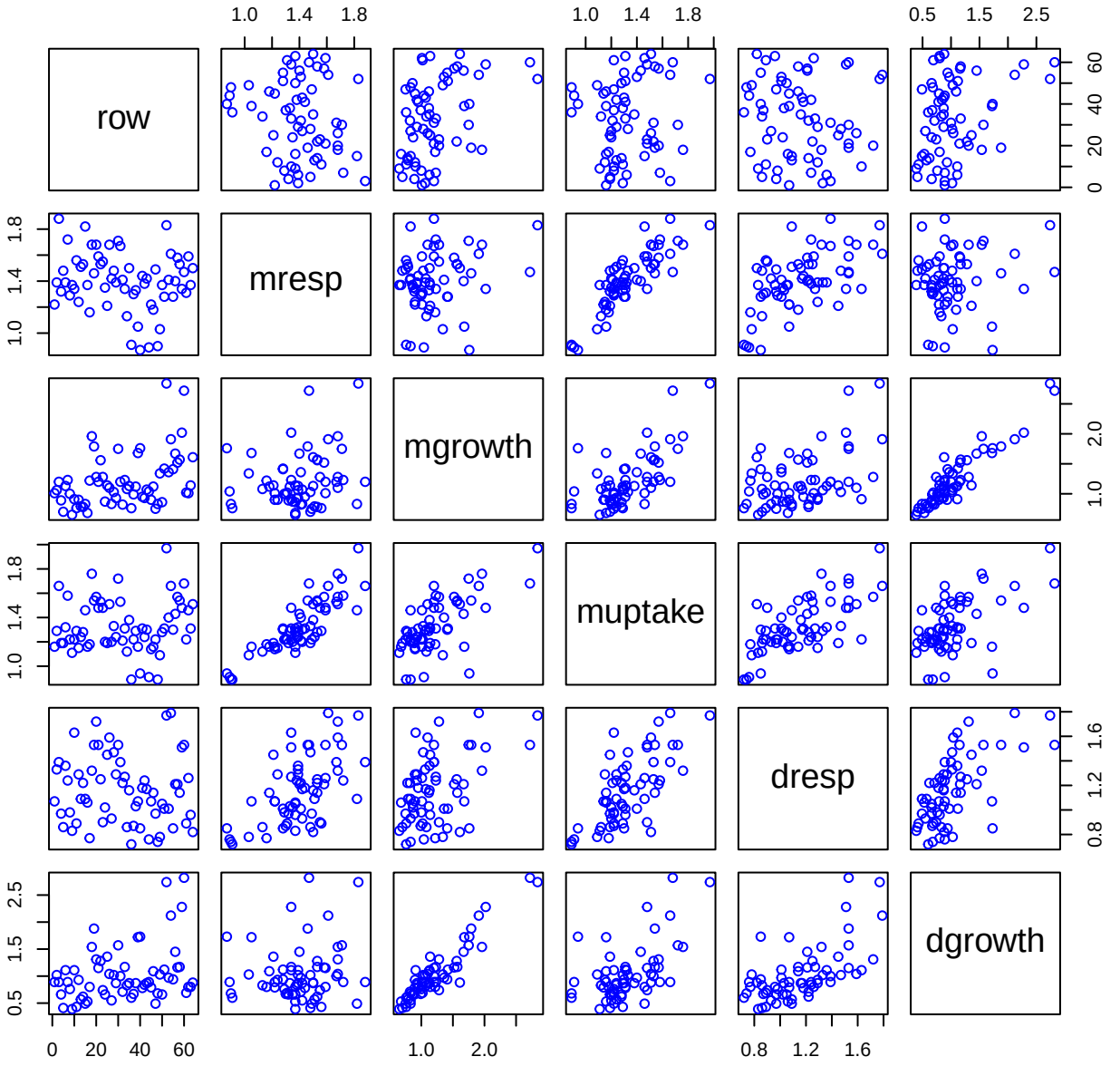
HF372−06 Plot 1



HF372−06 Plot 2



HF372−06 Plot 3



HF372−06 Plot 4