

Harvard Forest Data Archive HF113-01

Data File:

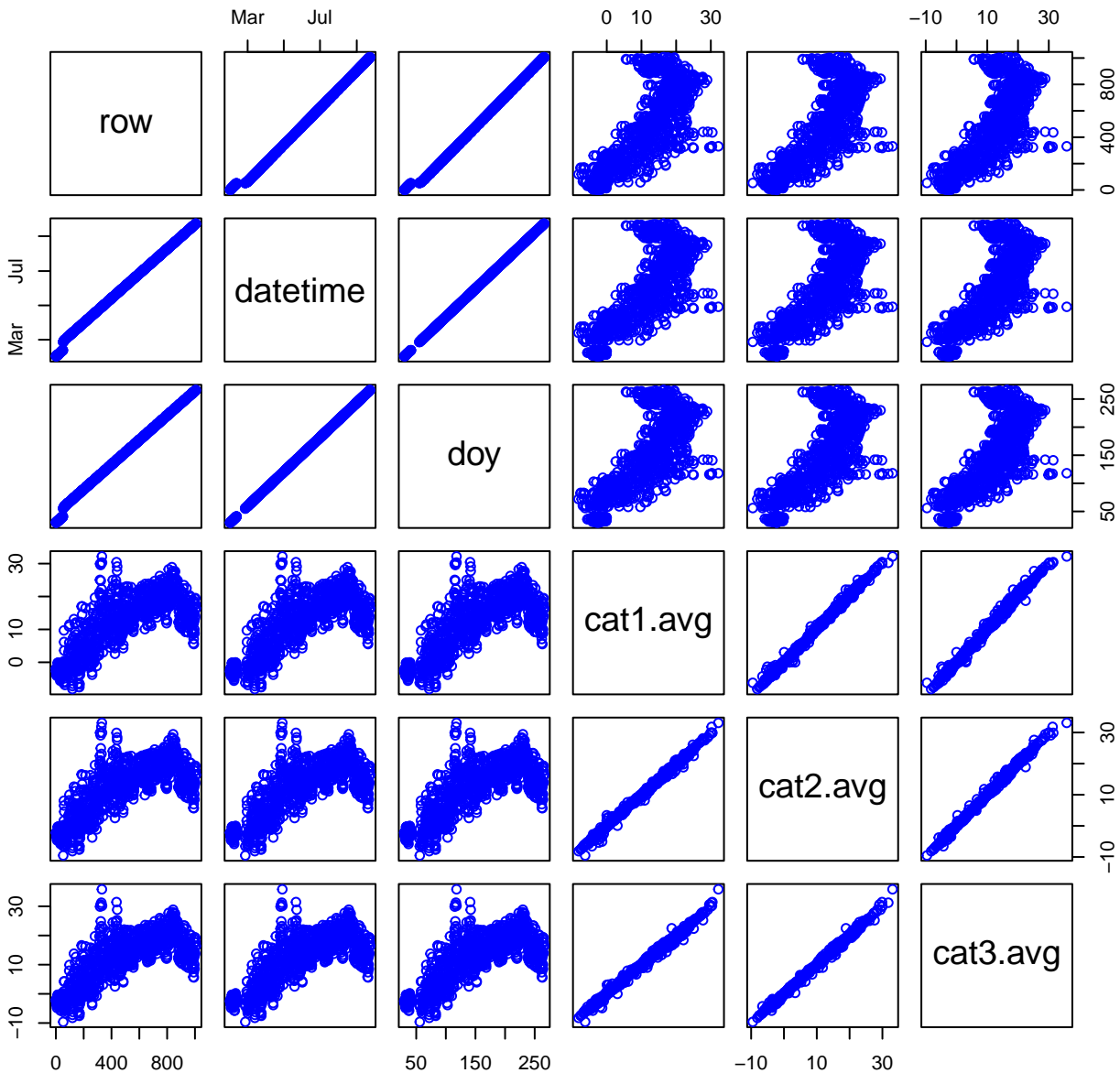
Name = hf113-01-hf-chamber.csv
Description = HF chamber data
Rows = 63348 Columns = 33
MD5 checksum = a9e30953dd648528c949d6faed8b4994

Variables:

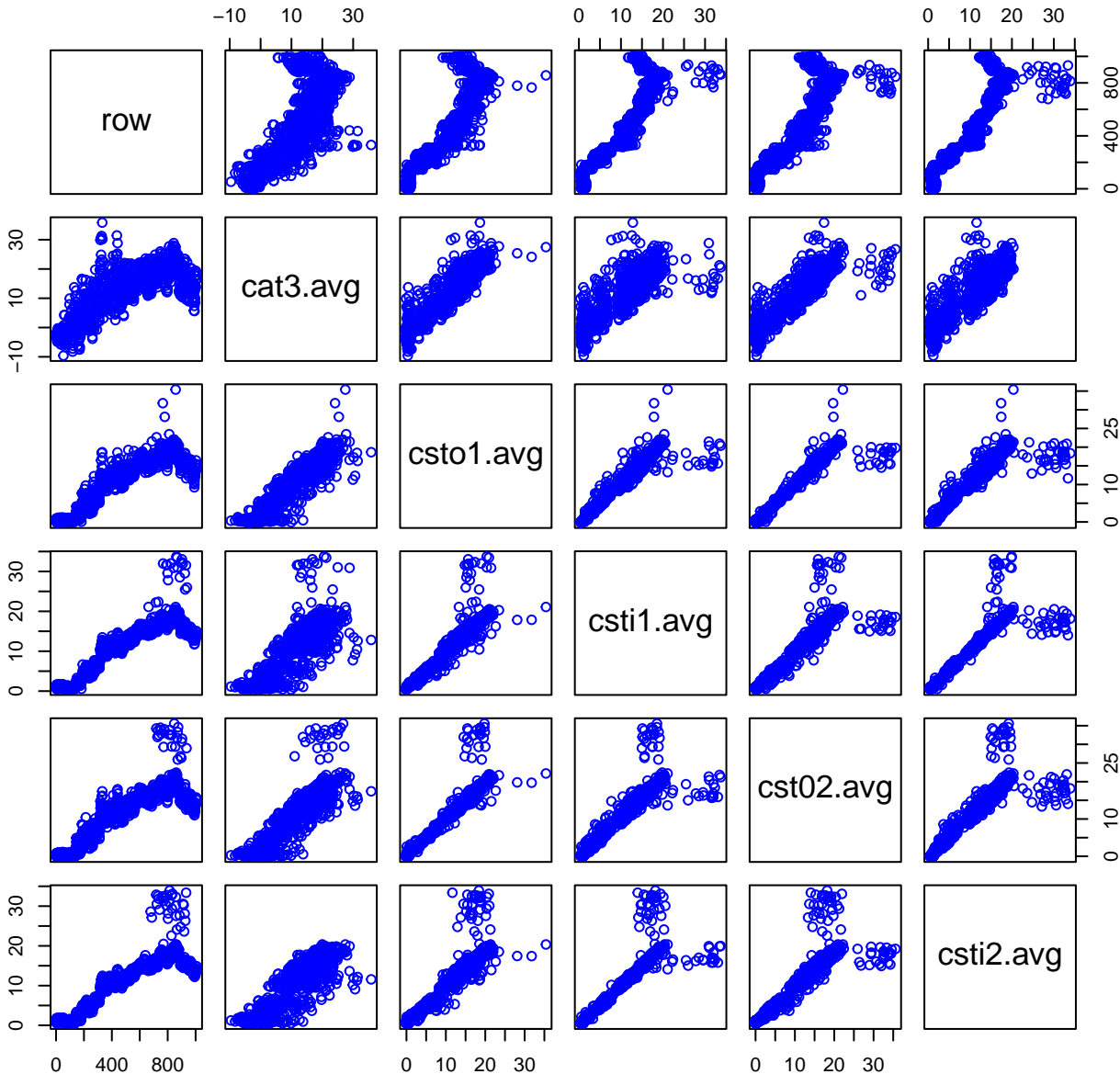
datetime = time stamp
doy = Julian Day (nominalDay)
cat1.avg = chamber air temperature 1 - average (celsius)
cat2.avg = chamber air temperature 2 - average (celsius)
cat3.avg = air temperature in heating duct - average (celsius)
cstol.avg = chamber soil temperature - organic 1 - average (celsius)
cstil.avg = chamber soil temperature - organic 2 - average (celsius)
cst02.avg = chamber soil temperature - inorganic 1 - average
(celsius)
csti2.avg = chamber soil temperature - inorganic 2 - average
(celsius)
cq.avg = chamber quantum sensor flux density - average
(micromolePerMeterSquaredPerSecond)
crh.avg = chamber relative humidity - average (dimensionless)
csm.avg = chamber soil moisture - average (dimensionless)
cat1.min = chamber air temperature 1 - minimum (celsius)
cat2.min = chamber air temperature 2 - minimum (celsius)
cat3.min = air temperature in heating duct - minimum (celsius)
cstol.min = chamber organic soil temperature 1 - minimum (celsius)
csti2.min = chamber inorganic soil temperature 1 - minimum (celsius)
csto2.min = chamber organic soil temperature 2 - minimum (celsius)
cstil.min = chamber inorganic soil temperature 2 - minimum (celsius)
cq.min = chamber quantum sensor flux density - minimum
(micromolePerMeterSquaredPerSecond)
crh.min = chamber relative humidity - minimum (dimensionless)
csm.min = chamber soil moisture - minimum (dimensionless)
cat1.max = chamber air temperature 1 - maximum (celsius)
cat2.max = chamber air temperature 2 - maximum (celsius)
cat3.max = air temperature in heating duct - maximum (celsius)
cstol.max = chamber organic soil temperature 1 - maximum (celsius)
cstil.max = chamber inorganic soil temperature 1 - maximum (celsius)
csto2.max = chamber organic soil temperature 2 - maximum (celsius)
csti2.max = chamber inorganic soil temperature 1 - maximum (celsius)
cq.max = chamber quantum sensor flux density - maximum
(micromolePerMeterSquaredPerSecond)
crh.max = chamber relative humidity - maximum (dimensionless)
csm.max = chamber soil moisture - maximum (dimensionless)

Variable	Min	Median	Mean	Max	NAs
datetime	2009-01-30T10:00		2009-09-23T09:00		0
doy	30.000	156.000	155.094	266.000	0
cat1.avg	-9.340	13.590	11.901	36.410	2607
cat2.avg	-10.830	13.750	11.985	36.270	2449
cat3.avg	-10.910	13.500	11.825	36.210	2615
cstol.avg	-0.297	12.970	11.160	37.740	2057
cstil.avg	-24.290	12.550	11.290	36.950	296
cst02.avg	-114.000	13.030	10.972	36.130	62
csti2.avg	-113.100	12.225	10.665	37.260	6
cq.avg	-580.400	2195.000	2144.753	7758.000	2
crh.avg					63348
csm.avg	0.051	0.163	0.167	0.463	2
cat1.min	-9.790	13.110	11.420	35.100	2629
cat2.min	-11.080	13.290	11.512	34.690	2463
cat3.min	-11.180	13.300	11.838	42.810	2597
cstol.min	-273.200	12.800	10.596	37.100	1882
csti2.min	-273.200	12.160	10.398	35.810	2
csto2.min	-273.200	12.880	10.629	35.450	8
cstil.min	-273.200	12.450	10.624	36.190	114
cq.min	-3463.000	1921.000	1939.476	7544.000	2
crh.min					63348
csm.min	0.000	0.163	0.166	0.459	2
cat1.max	-9.140	14.120	12.437	38.150	2680
cat2.max	-10.500	14.290	12.506	37.720	2422
cat3.max	-10.630	14.010	12.357	37.390	2604
cstol.max	-273.200	13.310	11.657	42.520	119
cstil.max	-273.200	12.590	11.131	41.980	115
csto2.max	-111.600	13.160	11.095	41.440	3
csti2.max	-111.600	12.290	10.908	45.080	3
cq.max	-384.000	2449.000	2355.165	7982.000	8
crh.max					63348
csm.max	0.051	0.164	0.167	0.469	3

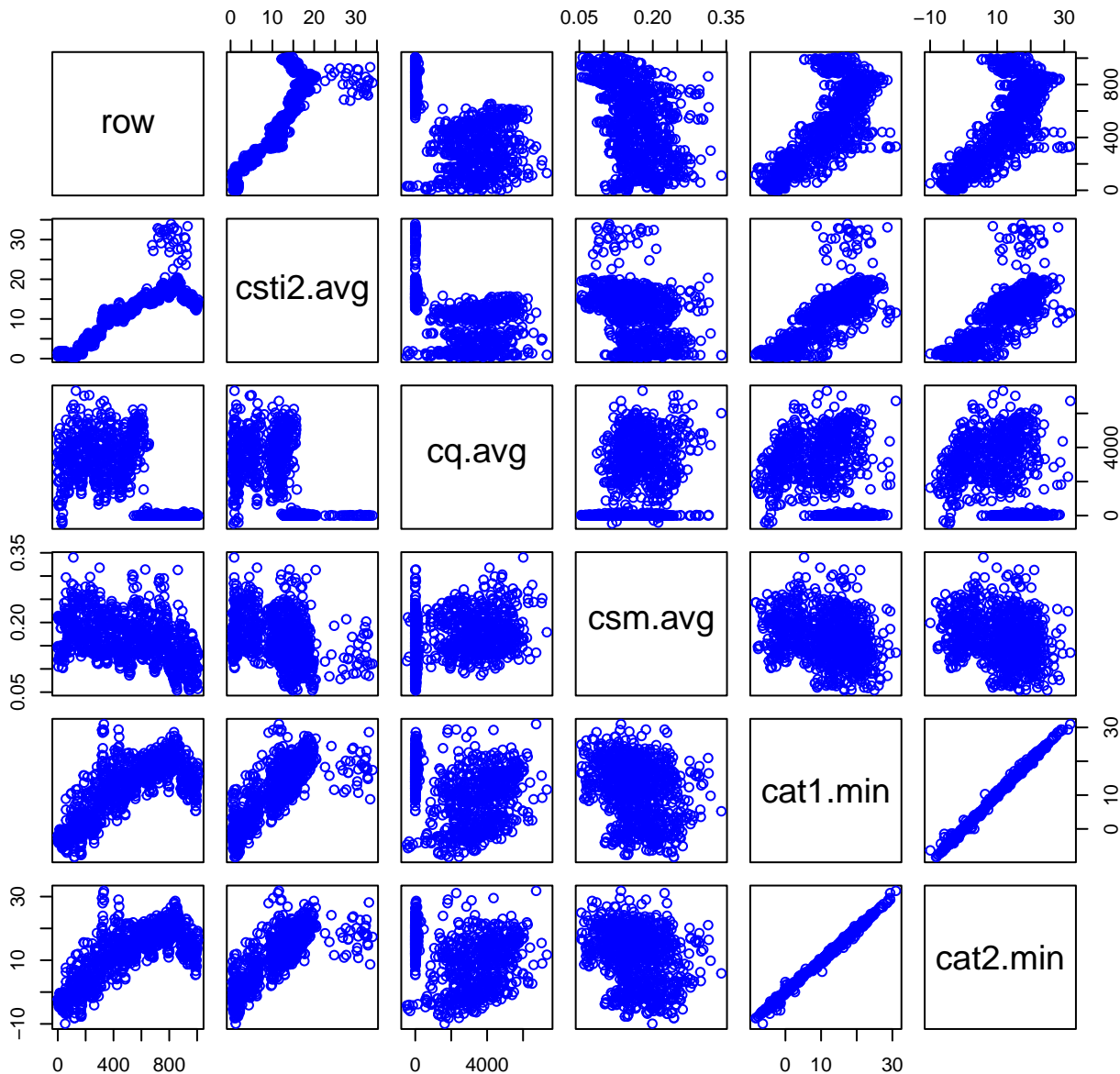
HF113-01 Plot 1



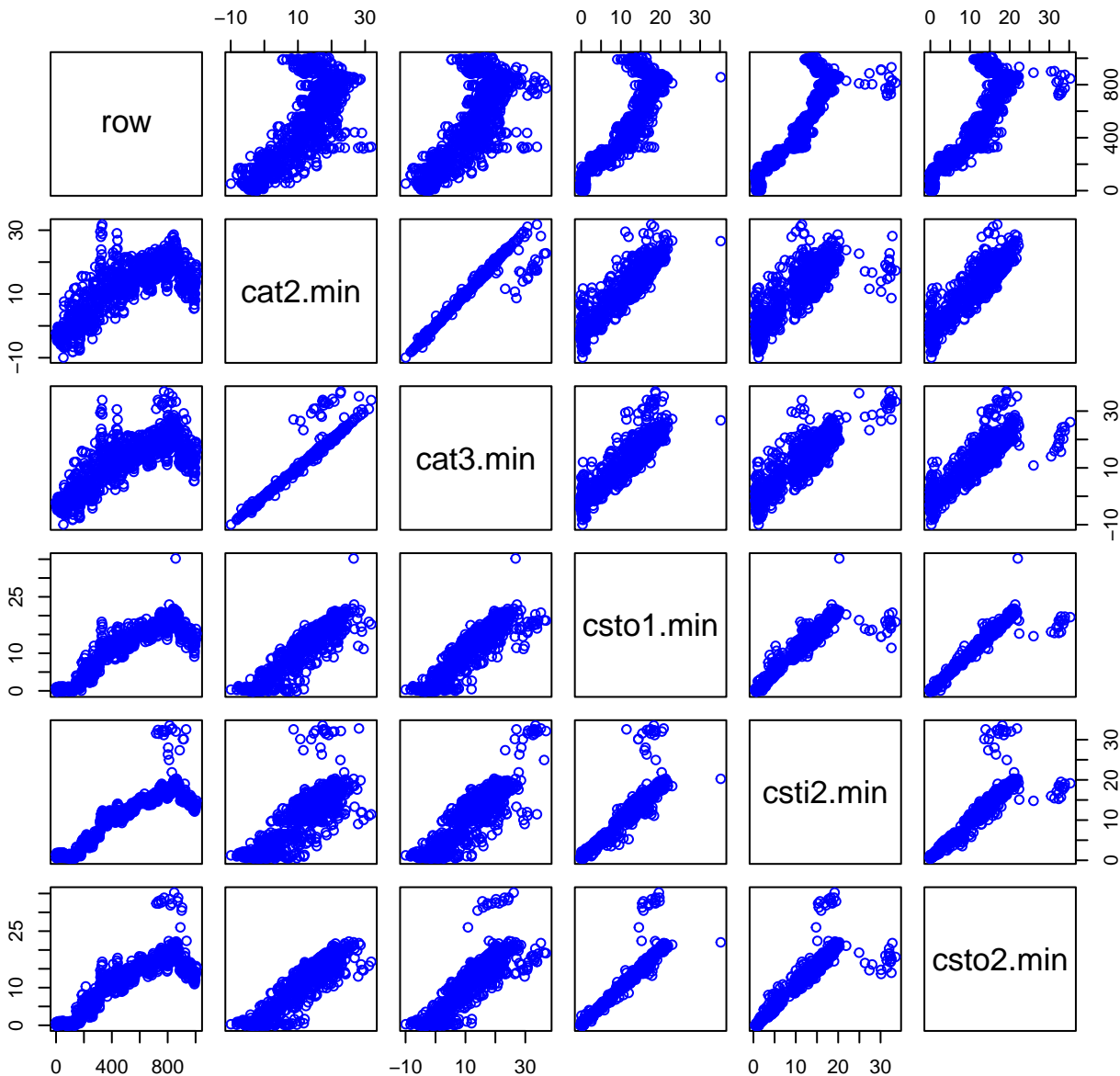
HF113-01 Plot 2



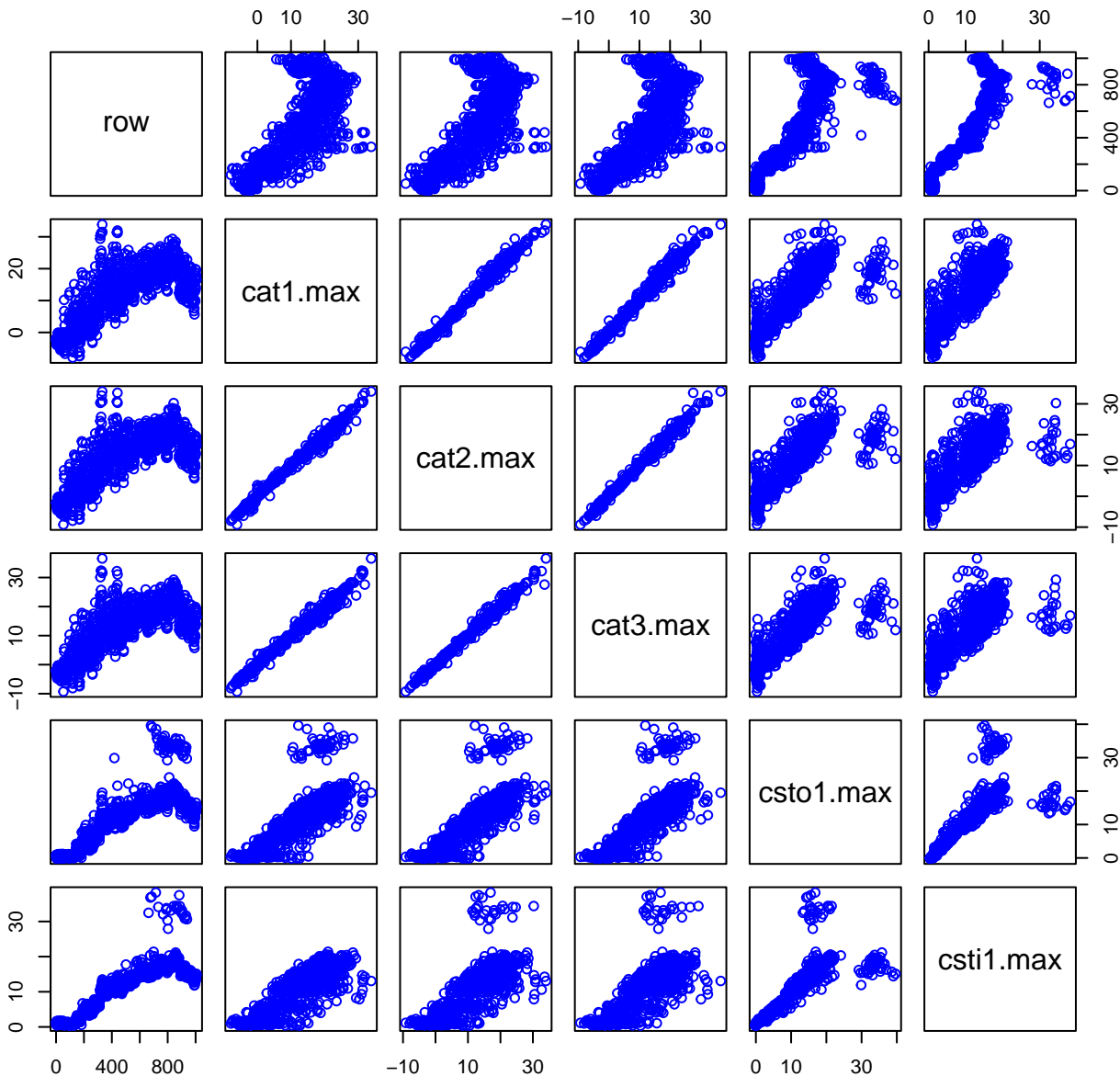
HF113-01 Plot 3



HF113-01 Plot 4



HF113-01 Plot 6



HF113-01 Plot 7

