

Harvard Forest Data Archive HF357-01

Data File:

Name = hf357-01-micrometeorology.csv
Description = micrometeorology data
Rows = 34297 Columns = 92
MD5 checksum = 26009a5bd9ca180465317ca4b7c6e431

Variables:

year = year of observation
doy = Julian day of year of observation (nominalDay)
datetime = date and time of observation
hf01.at.0 = plot hf01, air temperature 0 m from forest edge
(celsius)
hf01.rh.0 = plot hf01, relative humidity 0 m from forest edge
(dimensionless)
hf01.at.10 = plot hf01, air temperature 10 m from forest edge
(celsius)
hf01.rh.10 = plot hf01, relative humidity 10 m from forest edge
(dimensionless)
hf01.at.20 = plot hf01, air temperature 20 m from forest edge
(celsius)
hf01.rh.20 = plot hf01, air temperature 20 m from forest edge
(celsius)
hf01.at.30 = plot hf01, air temperature 30 m from forest edge
(celsius)
hf01.rh.30 = plot hf01, relative humidity 30 m from forest edge
(dimensionless)
hf02.at.0 = plot hf02, air temperature 0 m from forest edge
(celsius)
hf02.rh.0 = plot hf02, relative humidity 0 m from forest edge
(dimensionless)
hf02.at.10 = plot hf02, air temperature 10 m from forest edge
(celsius)
hf02.rh.10 = plot hf02, relative humidity 10 m from forest edge
(dimensionless)
hf02.at.20 = plot hf02, air temperature 20 m from forest edge
(celsius)
hf02.rh.20 = plot hf02, relative humidity 20 m from forest edge
(dimensionless)
hf02.at.30 = plot hf02, air temperature 30 m from forest edge
(celsius)
hf02.rh.30 = plot hf02, relative humidity 30 m from forest edge
(dimensionless)
hf03.at.0 = plot hf03, air temperature 0 m from forest edge
(celsius)
hf03.rh.0 = plot hf03, relative humidity 0 m from forest edge
(dimensionless)
hf03.at.10 = plot hf03, air temperature 10 m from forest edge
(celsius)
hf03.rh.10 = plot hf03, relative humidity 10 m from forest edge
(dimensionless)

hf03.at.20 = plot hf03, air temperature 20 m from forest edge
(celsius)
hf03.rh.20 = plot hf03, relative humidity 20 m from forest edge
(dimensionless)
hf03.at.30 = plot hf03, air temperature 30 m from forest edge
(celsius)
hf03.rh.30 = plot hf03, relative humidity 30 m from forest edge
(dimensionless)
hf04.at.0 = plot hf04, air temperature 0 m from forest edge
(celsius)
hf04.rh.0 = plot hf04, relative humidity 0 m from forest edge
(dimensionless)
hf04.at.10 = plot hf04, air temperature 10 m from forest edge
(celsius)
hf04.rh.10 = plot hf04, relative humidity 10 m from forest edge
(dimensionless)
hf04.at.20 = plot hf04, air temperature 20 m from forest edge
(celsius)
hf04.rh.20 = plot hf04, relative humidity 20 m from forest edge
(celsius)
hf04.at.30 = plot hf04, air temperature 30 m from forest edge
(celsius)
hf04.rh.30 = plot hf04, relative humidity 30 m from forest edge
(dimensionless)
hf05.at.0 = plot hf05, air temperature 0 m from forest edge
(celsius)
hf05.rh.0 = plot hf05, relative humidity 0 m from forest edge
(dimensionless)
hf05.at.10 = plot hf05, air temperature 10 m from forest edge
(celsius)
hf05.rh.10 = plot hf05, relative humidity 10 m from forest edge
(dimensionless)
hf05.at.20 = plot hf05, air temperature 20 m from forest edge
(celsius)
hf05.rh.20 = plot hf05, relative humidity 20 m from forest edge
(dimensionless)
hf05.at.30 = plot hf05, air temperature 30 m from forest edge
(celsius)
hf05.rh.30 = plot hf05, relative humidity 30 m from forest edge
(dimensionless)
hf06.at.0 = plot hf06, air temperature 0 m from forest edge
(celsius)
hf06.rh.0 = plot hf06, relative humidity 0 m from forest edge
(dimensionless)
hf06.at.10 = plot hf06, air temperature 10 m from forest edge
(celsius)
hf06.rh.10 = plot hf06, relative humidity 10 m from forest edge
(dimensionless)
hf06.at.20 = plot hf06, air temperature 20 m from forest edge
(celsius)
hf06.rh.20 = plot hf06, relative humidity 20 m from forest edge
(dimensionless)
hf06.at.30 = plot hf06, air temperature 30 m from forest edge
(celsius)

hf06.rh.30 = plot hf06, relative humidity 30 m from forest edge
(dimensionless)

hf01.st.0 = plot hf01, soil temperature 0 m from forest edge
(celsius)

hf01.st.15 = plot hf01, soil temperature 15 m from forest edge
(celsius)

hf01.st.30 = plot hf01, soil temperature 30 m from forest edge
(celsius)

hf02.st.0 = plot hf02, soil temperature 0 m from forest edge
(celsius)

hf02.st.15 = plot hf02, soil temperature 15 m from forest edge
(celsius)

hf02.st.30 = plot hf02, soil temperature 30 m from forest edge
(celsius)

hf03.st.0 = plot hf03, soil temperature 0 m from forest edge
(celsius)

hf03.st.15 = plot hf03, soil temperature 15 m from forest edge
(celsius)

hf03.st.30 = plot hf03, soil temperature 30 m from forest edge
(celsius)

hf04.st.0 = plot hf04, soil temperature 0 m from forest edge
(celsius)

hf04.st.15 = plot hf04, soil temperature 15 m from forest edge
(celsius)

hf04.st.30 = plot hf04, soil temperature 30 m from forest edge
(celsius)

hf05.st.0 = plot hf05, soil temperature 0 m from forest edge
(celsius)

hf05.st.15 = plot hf05, soil temperature 15 m from forest edge
(celsius)

hf05.st.30 = plot hf05, soil temperature 30 m from forest edge
(celsius)

hf06.st.0 = plot hf06, soil temperature 0 m from forest edge
(celsius)

hf06.st.15 = plot hf06, soil temperature 15 m from forest edge
(celsius)

hf06.st.30 = plot hf06, soil temperature 30 m from forest edge
(celsius)

hf01.sm.0 = plot hf01, soil moisture 0 m from forest edge
(cubicCentimetersPerCubicCentimeters)

hf01.sm.10 = plot hf01, soil moisture 10 m from forest edge
(cubicCentimetersPerCubicCentimeters)

hf01.sm.20 = plot hf01, soil moisture 20 m from forest edge
(cubicCentimetersPerCubicCentimeters)

hf01.sm.30 = plot hf01, soil moisture 30 m from forest edge
(cubicCentimetersPerCubicCentimeters)

hf02.sm.0 = plot hf02, soil moisture 0 m from forest edge
(cubicCentimetersPerCubicCentimeters)

hf02.sm.10 = plot hf02, soil moisture 10 m from forest edge
(cubicCentimetersPerCubicCentimeters)

hf02.sm.20 = plot hf02, soil moisture 20 m from forest edge
(cubicCentimetersPerCubicCentimeters)

hf02.sm.30 = plot hf02, soil moisture 30 m from forest edge
(cubicCentimetersPerCubicCentimeters)

hf03.sm.0 = plot hf03, soil moisture 0 m from forest edge
(cubicCentimetersPerCubicCentimeters)

hf03.sm.10 = plot hf03, soil moisture 10 m from forest edge
(cubicCentimetersPerCubicCentimeters)

hf03.sm.20 = plot hf03, soil moisture 20 m from forest edge
(cubicCentimetersPerCubicCentimeters)

hf03.sm.30 = plot hf03, soil moisture 30 m from forest edge
(cubicCentimetersPerCubicCentimeters)

hf04.sm.0 = plot hf04, soil moisture 0 m from forest edge
(cubicCentimetersPerCubicCentimeters)

hf04.sm.10 = plot hf04, soil moisture 10 m from forest edge
(cubicCentimetersPerCubicCentimeters)

hf04.sm.20 = plot hf04, soil moisture 20 m from forest edge
(cubicCentimetersPerCubicCentimeters)

hf04.sm.30 = plot hf04, soil moisture 30 m from forest edge
(cubicCentimetersPerCubicCentimeters)

hf05.sm.0 = plot hf05, soil moisture 0 m from forest edge
(cubicCentimetersPerCubicCentimeters)

hf05.sm.10 = plot hf05, soil moisture 10 m from forest edge
(cubicCentimetersPerCubicCentimeters)

hf05.sm.20 = plot hf05, soil moisture 20 m from forest edge
(cubicCentimetersPerCubicCentimeters)

hf05.sm.30 = plot hf05, soil moisture 30 m from forest edge
(cubicCentimetersPerCubicCentimeters)

hf06.sm.0 = plot hf06, soil moisture 0 m from forest edge
(cubicCentimetersPerCubicCentimeters)

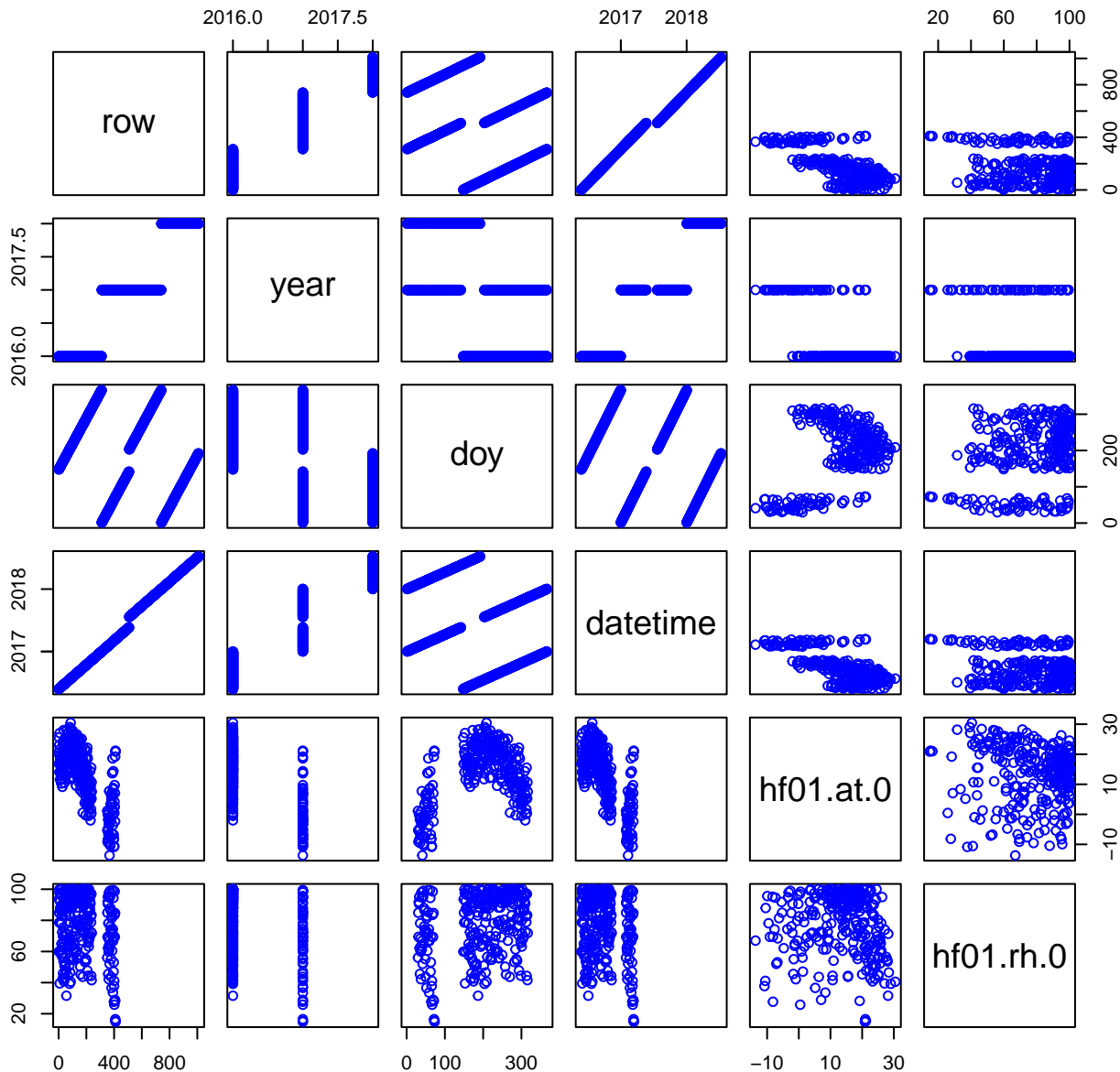
hf06.sm.10 = plot hf06, soil moisture 10 m from forest edge
(cubicCentimetersPerCubicCentimeters)

hf06.sm.30 = plot hf06, soil moisture 30 m from forest edge
(cubicCentimetersPerCubicCentimeters)

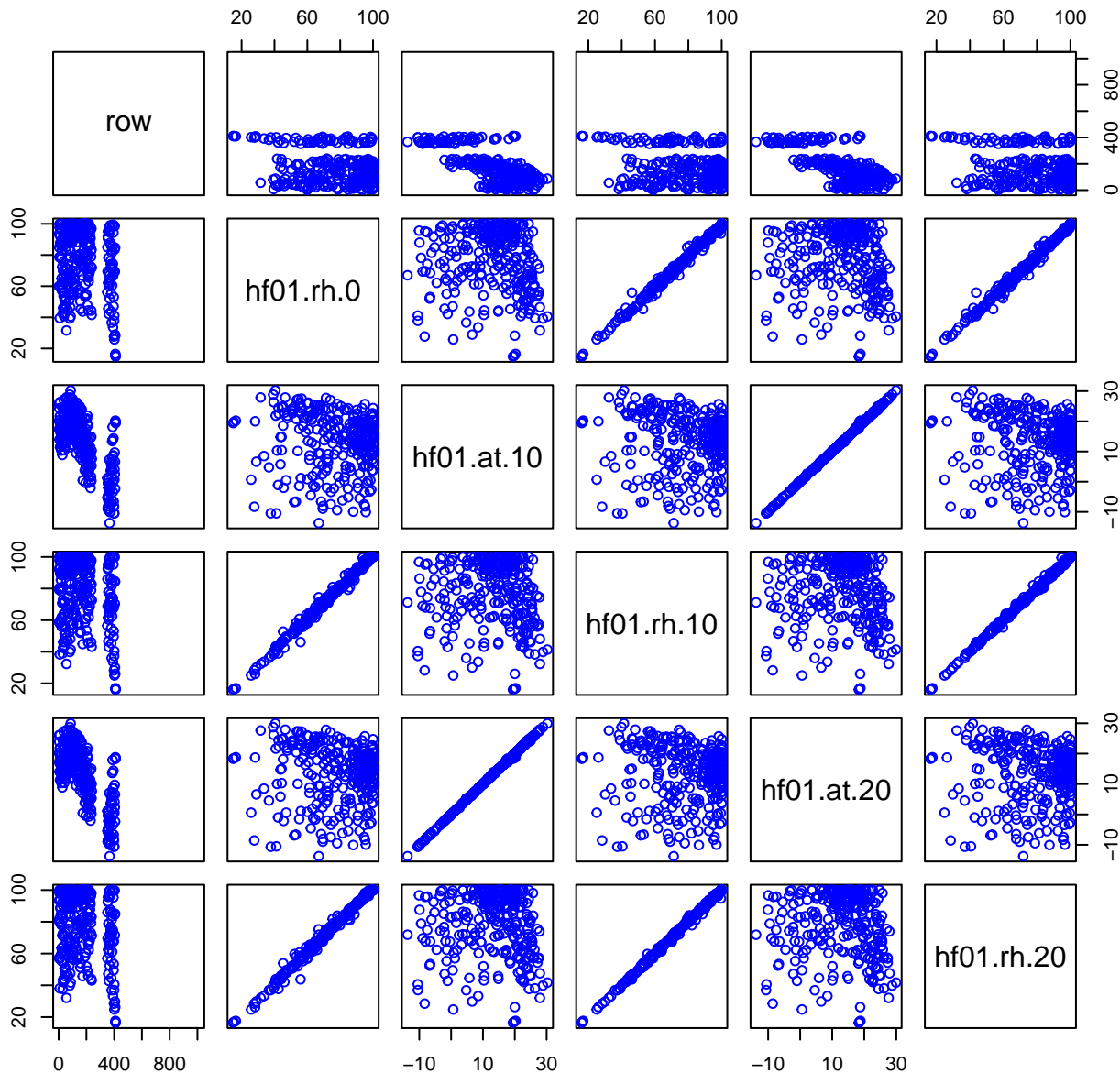
Variable	Min	Median	Mean	Max	NAs
year	2016.000	2017.000	2016.960	2018.000	0
doy	1.000	183.375	184.448	367.000	0
datetime	2016-05-26T18:30			2018-07-11T14:30	0
hf01.at.0	-16.562	15.376	13.428	33.283	24085
hf01.rh.0	12.754	82.880	77.154	100.000	24085
hf01.at.10	-16.099	15.223	13.301	32.919	24085
hf01.rh.10	13.122	83.893	77.976	100.000	24085
hf01.at.20	-16.188	15.229	13.276	32.915	24083
hf01.rh.20	12.595	83.855	77.951	100.000	24083
hf01.at.30	-16.298	15.219	13.252	32.803	24086
hf01.rh.30	13.668	84.346	78.480	100.000	24086
hf02.at.0	-15.527	15.236	13.278	32.747	24409
hf02.rh.0	13.016	82.002	76.632	100.000	24409
hf02.at.10	-15.432	15.193	13.184	32.502	24409
hf02.rh.10	13.816	83.948	78.190	100.000	24409
hf02.at.20	-15.479	15.129	13.135	32.343	24411
hf02.rh.20	12.863	83.572	77.919	100.000	24411
hf02.at.30	-15.554	15.103	13.085	32.270	24409
hf02.rh.30	14.073	83.537	78.115	100.000	24409
hf03.at.0	-16.057	15.035	12.958	32.133	24798
hf03.rh.0	13.260	82.356	77.511	100.000	24798
hf03.at.10	-15.975	14.986	12.915	32.111	24797
hf03.rh.10	12.610	83.048	77.988	100.000	24797
hf03.at.20	-15.947	14.916	12.838	31.885	24797
hf03.rh.20	13.131	83.793	78.679	100.000	24797
hf03.at.30	-16.340	14.832	12.747	31.480	24797
hf03.rh.30	13.502	83.527	78.412	100.000	24797
hf04.at.0	-15.689	13.313	11.899	32.068	13602
hf04.rh.0	14.649	83.187	77.819	100.000	13602
hf04.at.10	-15.513	13.327	11.915	32.120	13603
hf04.rh.10	12.782	83.594	77.913	100.000	13603
hf04.at.20	-15.751	15.625	13.588	32.026	17222
hf04.rh.20	13.646	85.123	79.253	100.000	17222
hf04.at.30	-16.099	13.261	11.857	32.004	13603
hf04.rh.30	13.777	84.703	78.794	100.000	13603
hf05.at.0	-19.293	17.962	16.460	34.633	20002
hf05.rh.0	24.203	86.849	80.876	100.000	20002
hf05.at.10	-19.081	15.772	14.078	34.106	16382
hf05.rh.10	12.874	84.499	78.871	100.000	16382
hf05.at.20	-18.899	13.710	12.420	33.486	20257
hf05.rh.20	13.145	84.355	78.898	100.000	20257
hf05.at.30	-18.922	15.740	14.025	33.739	16382
hf05.rh.30	12.051	83.939	78.507	100.000	16382
hf06.at.0	-16.723	15.569	13.428	33.696	13944
hf06.rh.0	1.000	82.258	77.359	100.000	13944
hf06.at.10	-17.082	13.100	11.581	32.386	13944
hf06.rh.10	14.477	84.023	79.078	100.000	13944
hf06.at.20	-17.104	13.020	11.489	32.026	13944
hf06.rh.20	15.149	84.603	79.659	100.000	13944

Variable	Min	Median	Mean	Max	NAs
hf06.at.30	-16.963	13.101	11.525	31.710	13945
hf06.rh.30	14.038	84.993	79.787	100.000	13945
hf01.st.0	-1.456	11.188	10.360	30.267	20341
hf01.st.15	-1.570	11.383	10.287	30.863	20341
hf01.st.30	-2.145	11.916	9.834	31.678	20340
hf02.st.0	3.472	16.189	15.197	24.545	25696
hf02.st.15	-3.434	10.357	9.727	23.725	20666
hf02.st.30	-1.228	11.334	10.281	22.956	20668
hf03.st.0	-1.684	10.112	9.888	23.677	21051
hf03.st.15	-1.001	9.521	9.958	23.292	21591
hf03.st.30	-0.437	9.915	9.542	22.333	21051
hf04.st.0	0.010	13.942	11.752	23.773	17620
hf04.st.15	-1.570	11.383	10.524	25.319	9503
hf04.st.30	-1.799	11.334	10.177	23.677	11641
hf05.st.0	-1.114	13.461	11.903	28.307	13886
hf05.st.15	-19.400	11.285	10.582	66.699	8900
hf05.st.30	-2.261	11.334	10.625	26.195	8901
hf06.st.0	-1.228	12.207	11.361	34.691	9867
hf06.st.15	-0.437	14.709	12.807	22.238	18919
hf06.st.30	4.311	16.903	15.660	23.437	27347
hf01.sm.0	-0.319	0.248	0.212	0.365	20340
hf01.sm.10	-147.985	0.291	0.243	0.460	20340
hf01.sm.20	-0.284	0.280	0.256	0.437	20340
hf01.sm.30	-148.082	0.192	0.138	0.312	20340
hf02.sm.0	-888.880	0.207	-10.750	0.364	21745
hf02.sm.10	-888.880	0.254	-10.674	0.367	21745
hf02.sm.20	-148.053	0.213	0.177	0.444	24140
hf02.sm.30	-148.060	0.218	0.171	0.393	24140
hf03.sm.0	-0.186	0.242	0.211	0.426	21049
hf03.sm.10	-147.982	0.249	0.212	0.414	21049
hf03.sm.20	0.166	0.299	0.289	0.688	22903
hf03.sm.30	0.226	0.352	0.348	0.718	22903
hf04.sm.0	-0.474	0.114	0.123	0.353	28617
hf04.sm.10	-0.474	0.107	0.104	0.334	28617
hf04.sm.20	-0.474	0.299	0.290	0.718	20936
hf04.sm.30	-147.905	0.285	0.255	0.718	20936
hf05.sm.0	0.053	0.296	0.243	0.431	11024
hf05.sm.10	-147.907	0.280	0.238	0.456	11024
hf05.sm.20	-148.077	0.239	0.190	0.334	20123
hf05.sm.30	-147.936	0.272	0.237	0.367	20123
hf06.sm.0	0.136	0.306	0.300	0.718	24791
hf06.sm.10	0.088	0.295	0.274	0.718	26202
hf06.sm.30	-0.473	0.242	0.204	0.299	22132

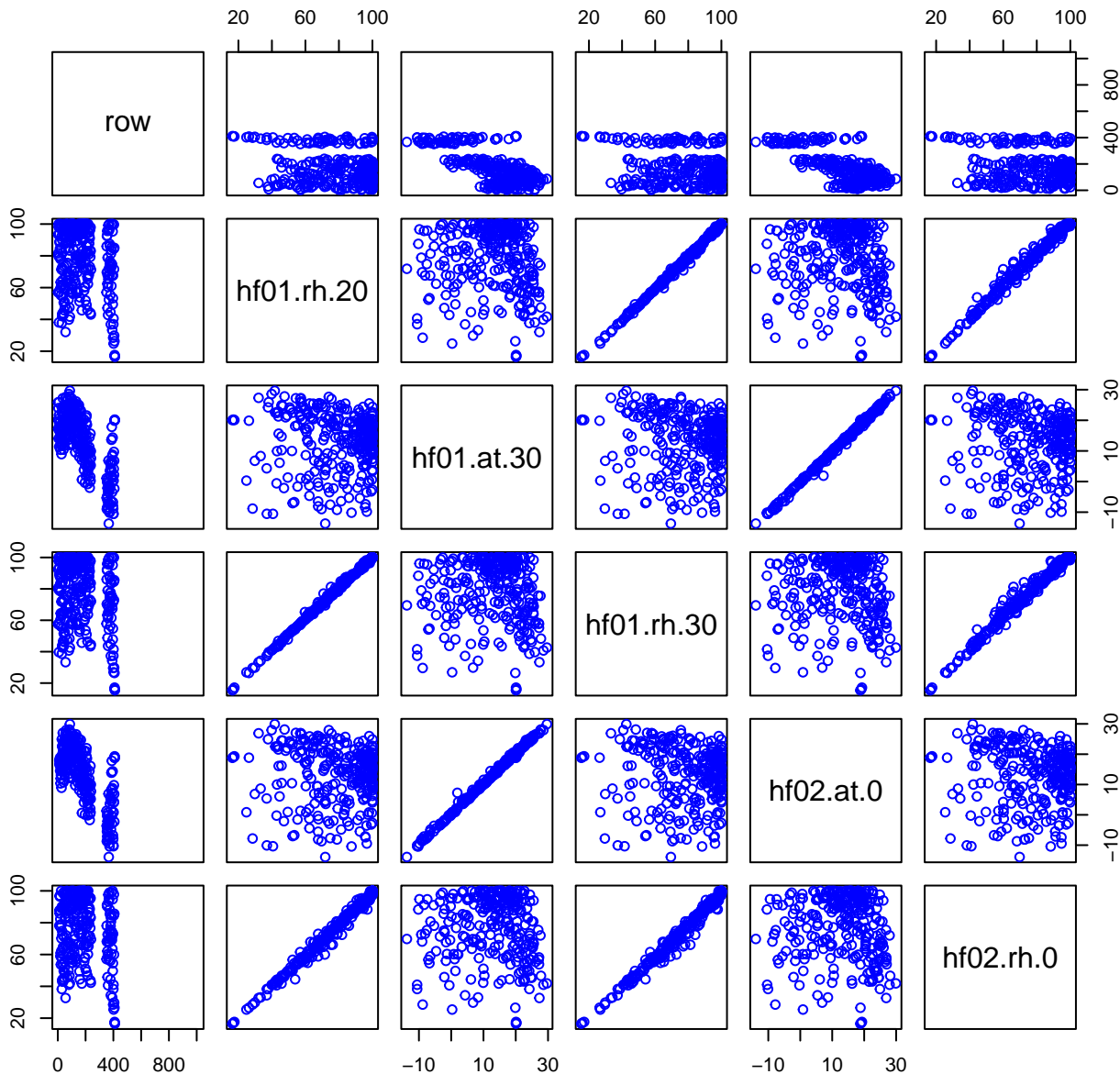
HF357-01 Plot 1



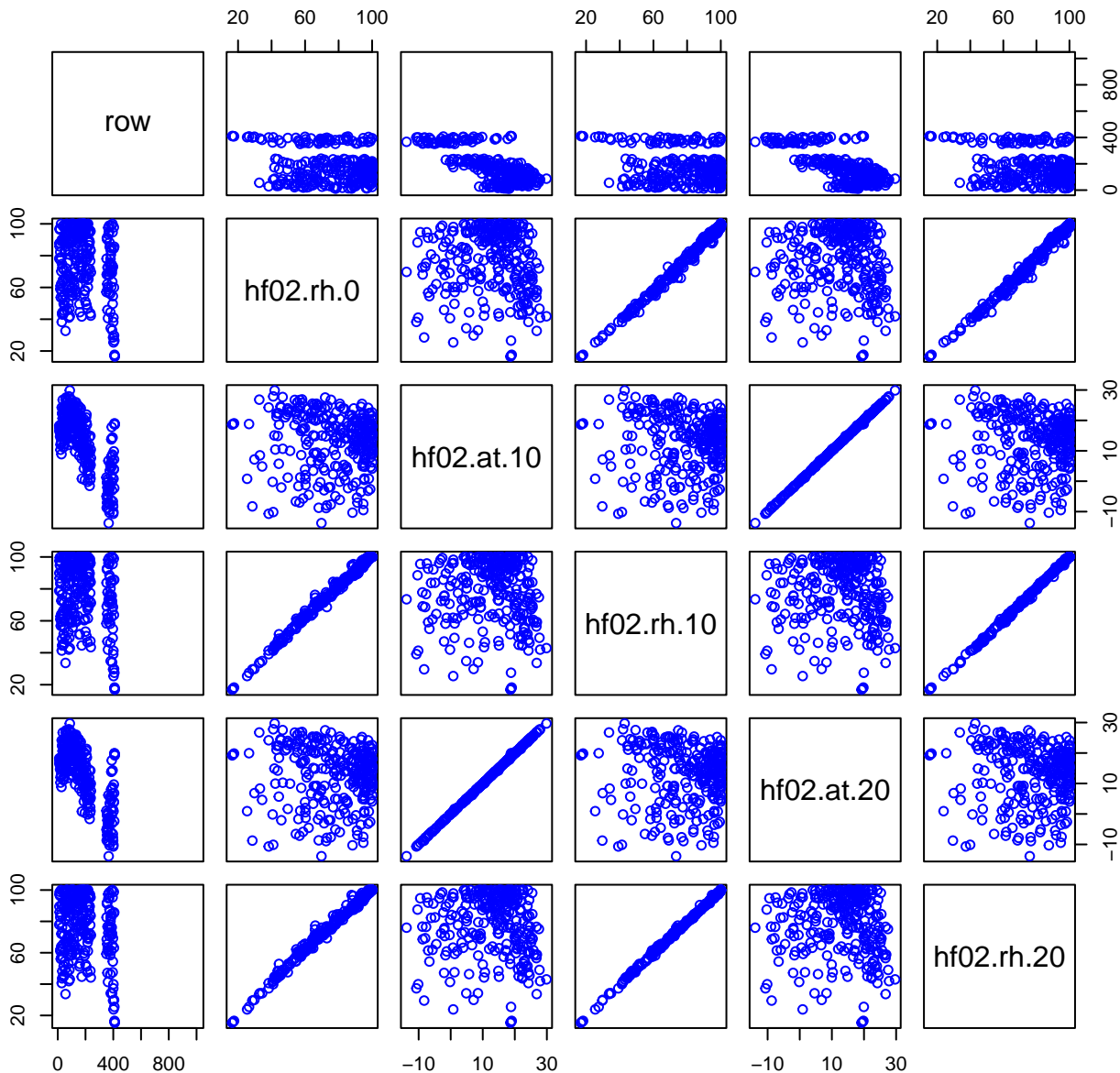
HF357-01 Plot 2



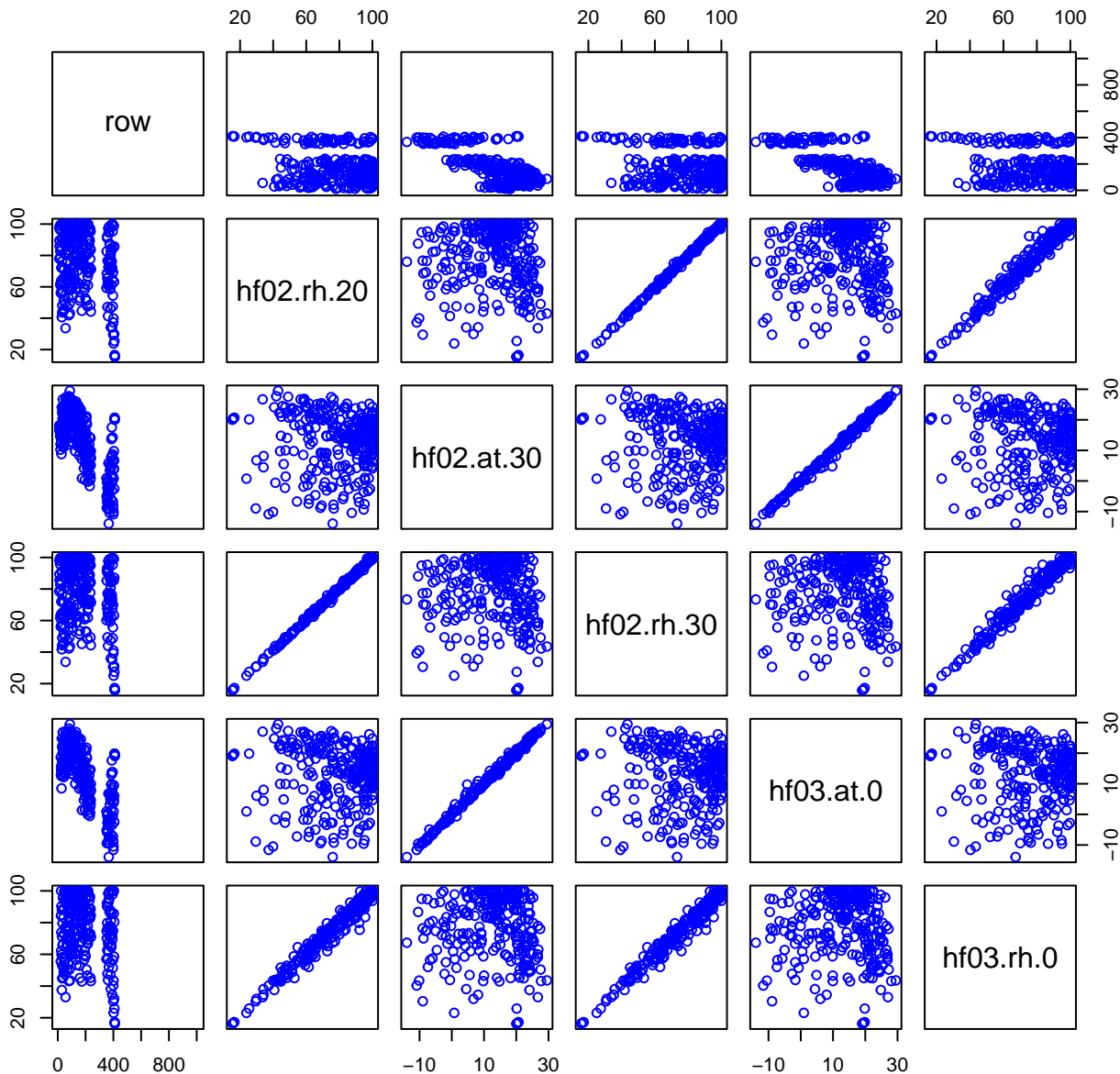
HF357-01 Plot 3



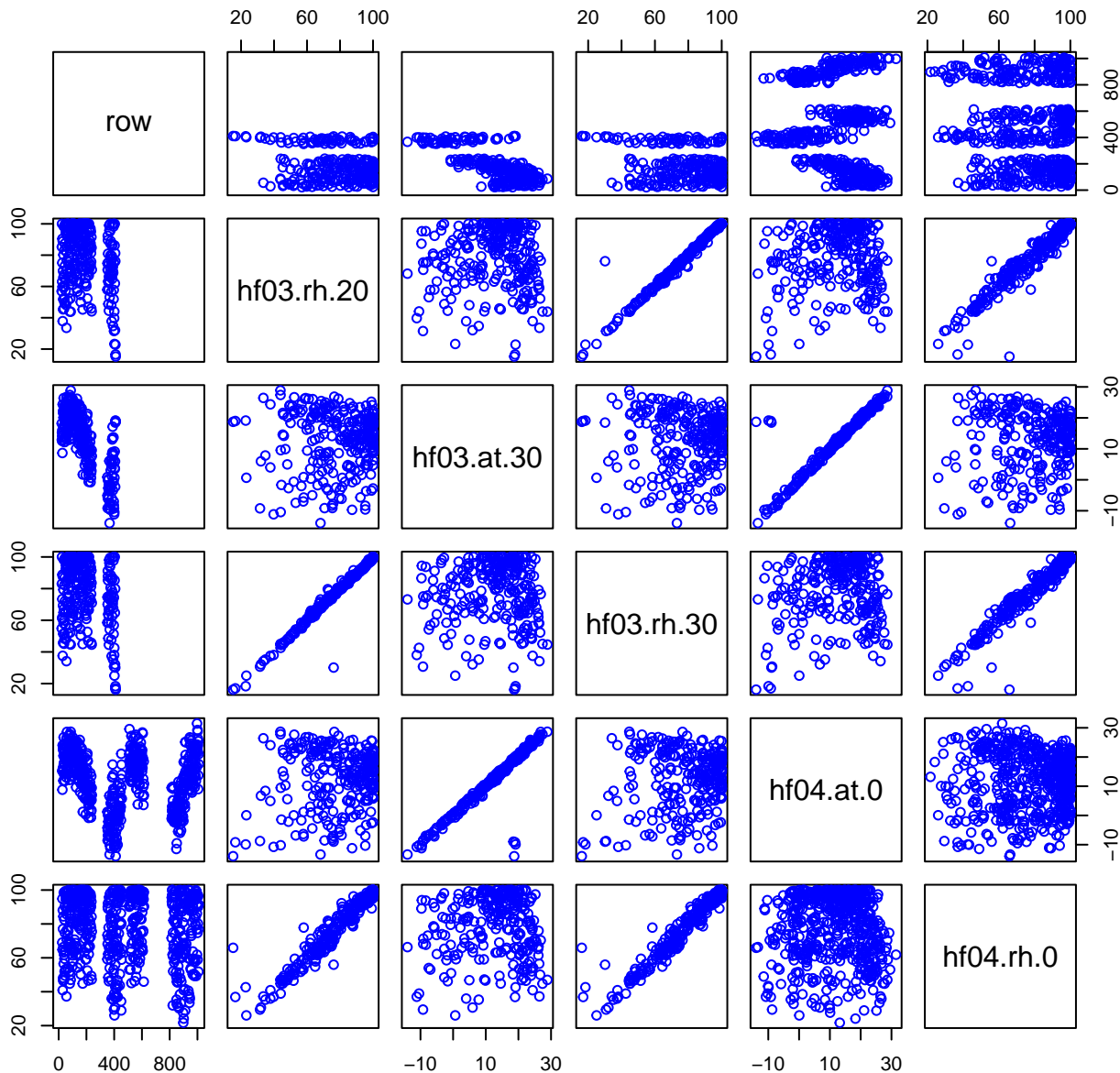
HF357-01 Plot 4



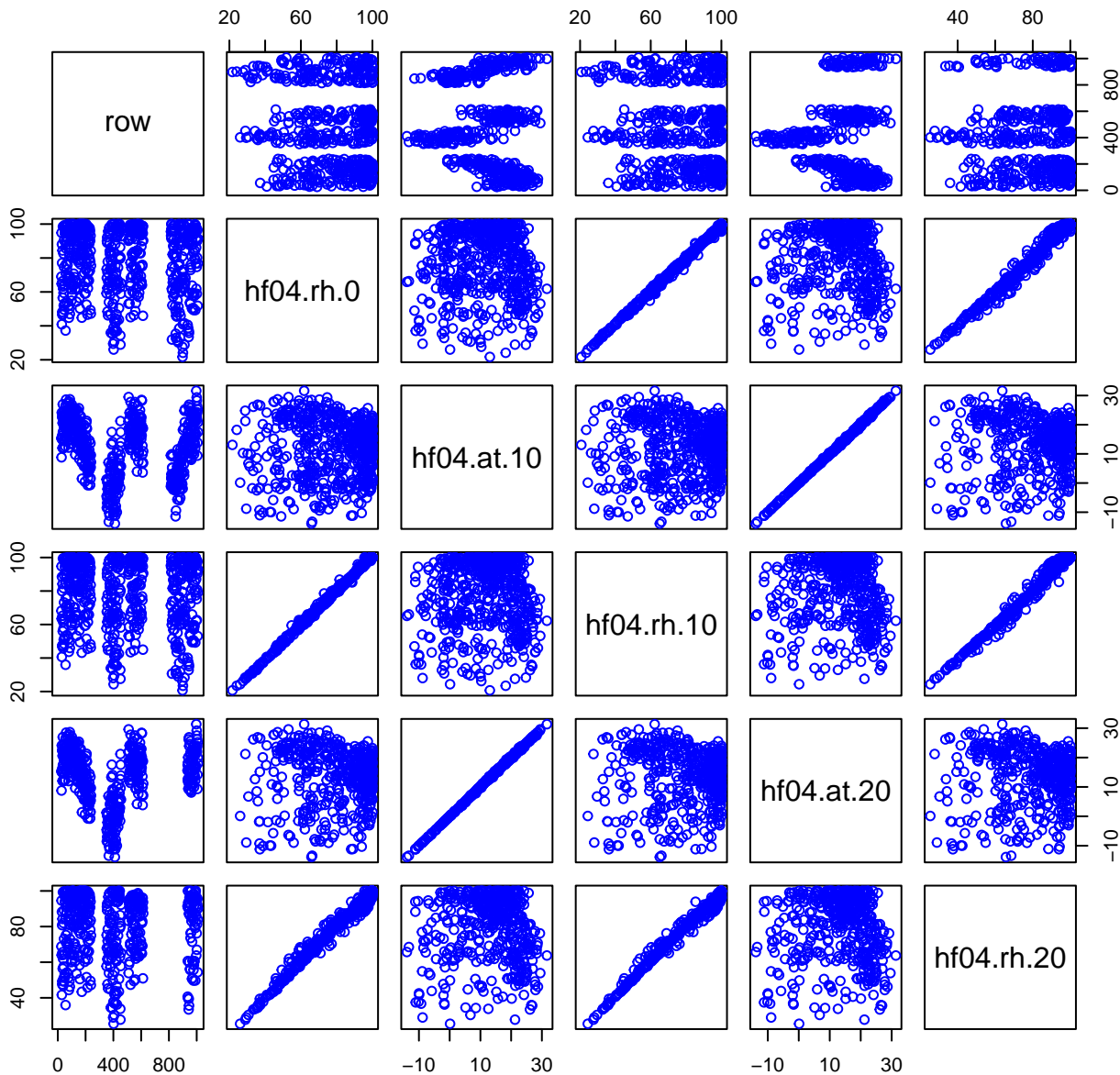
HF357-01 Plot 5



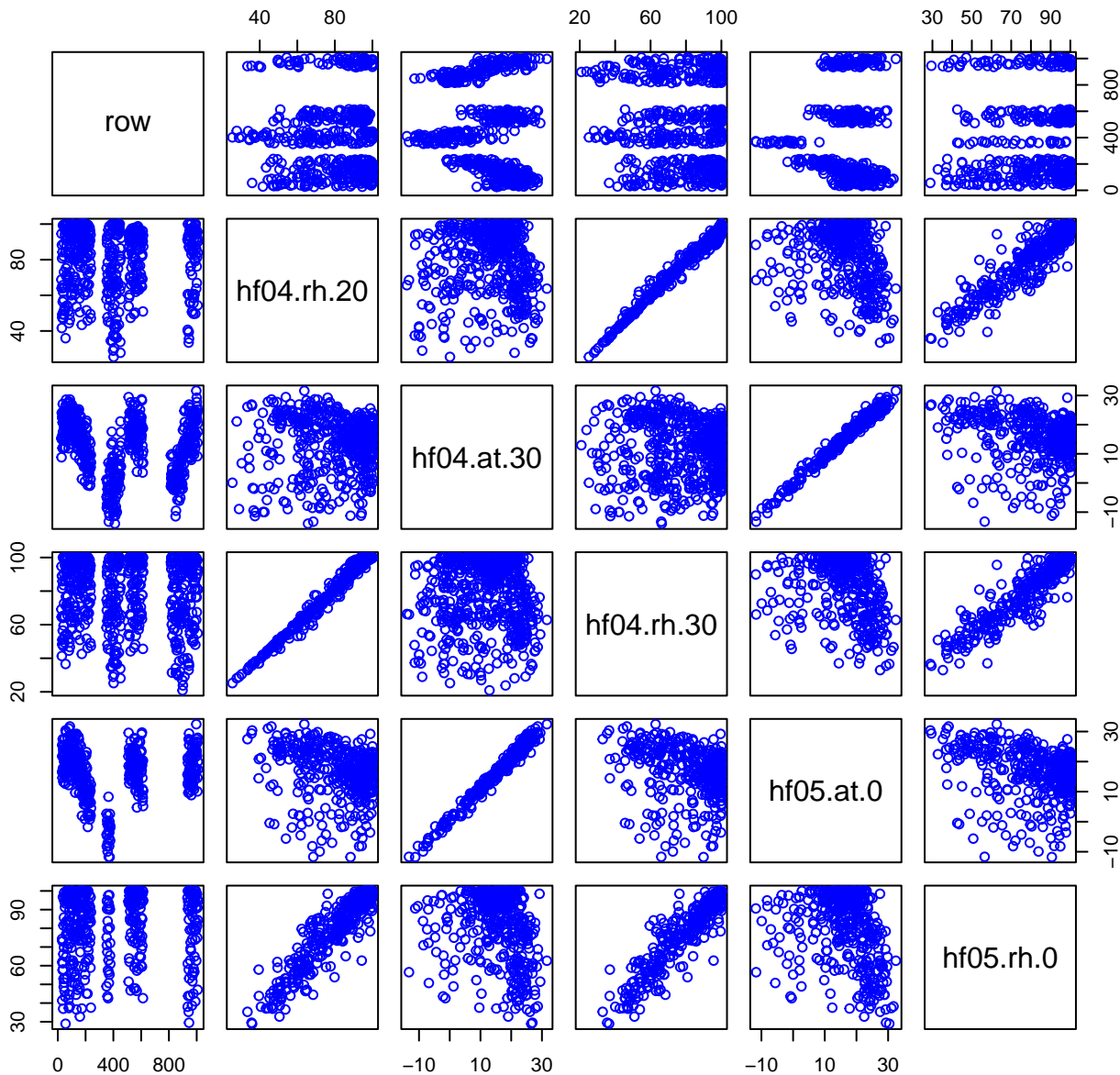
HF357-01 Plot 7



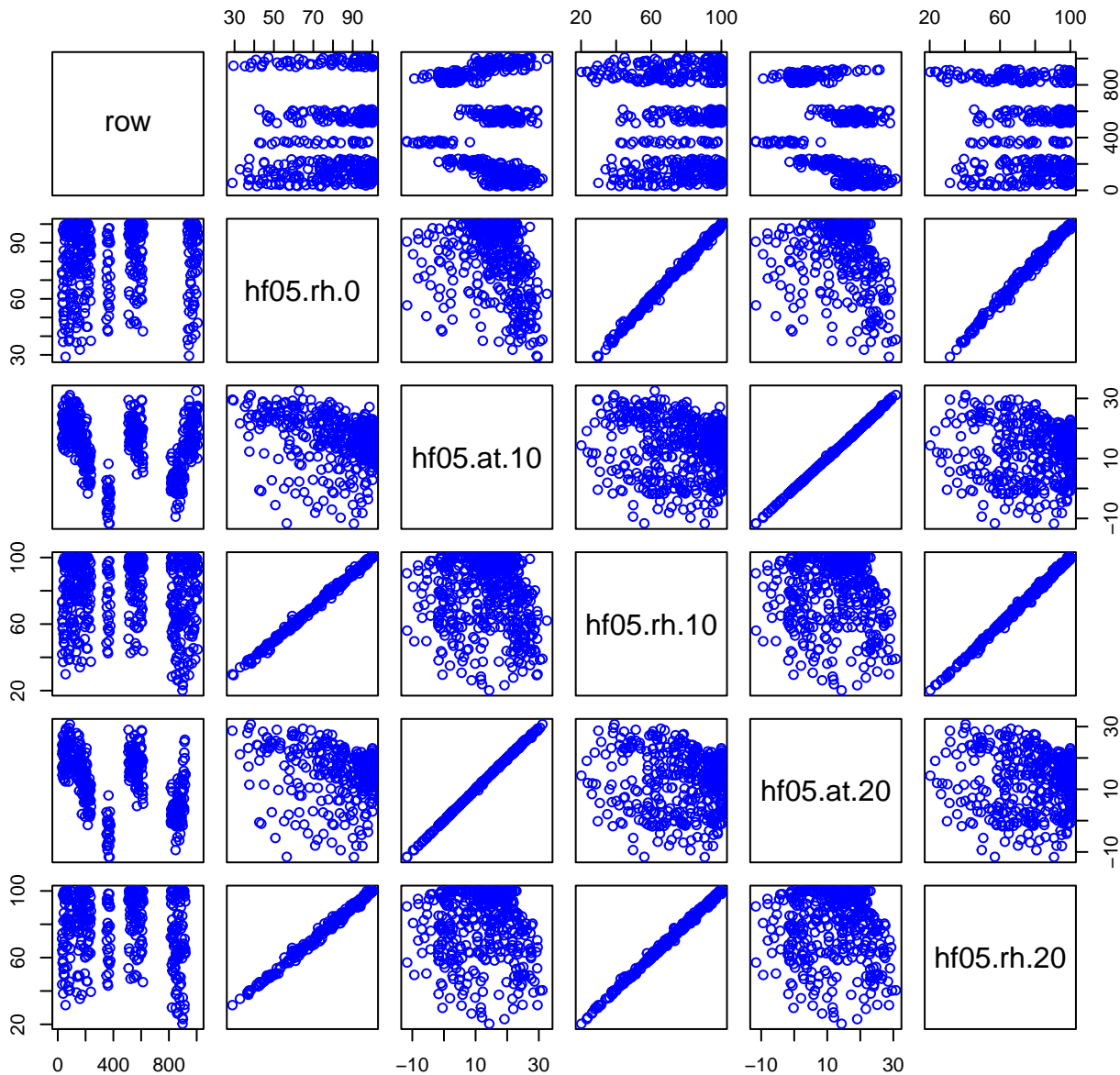
HF357-01 Plot 8



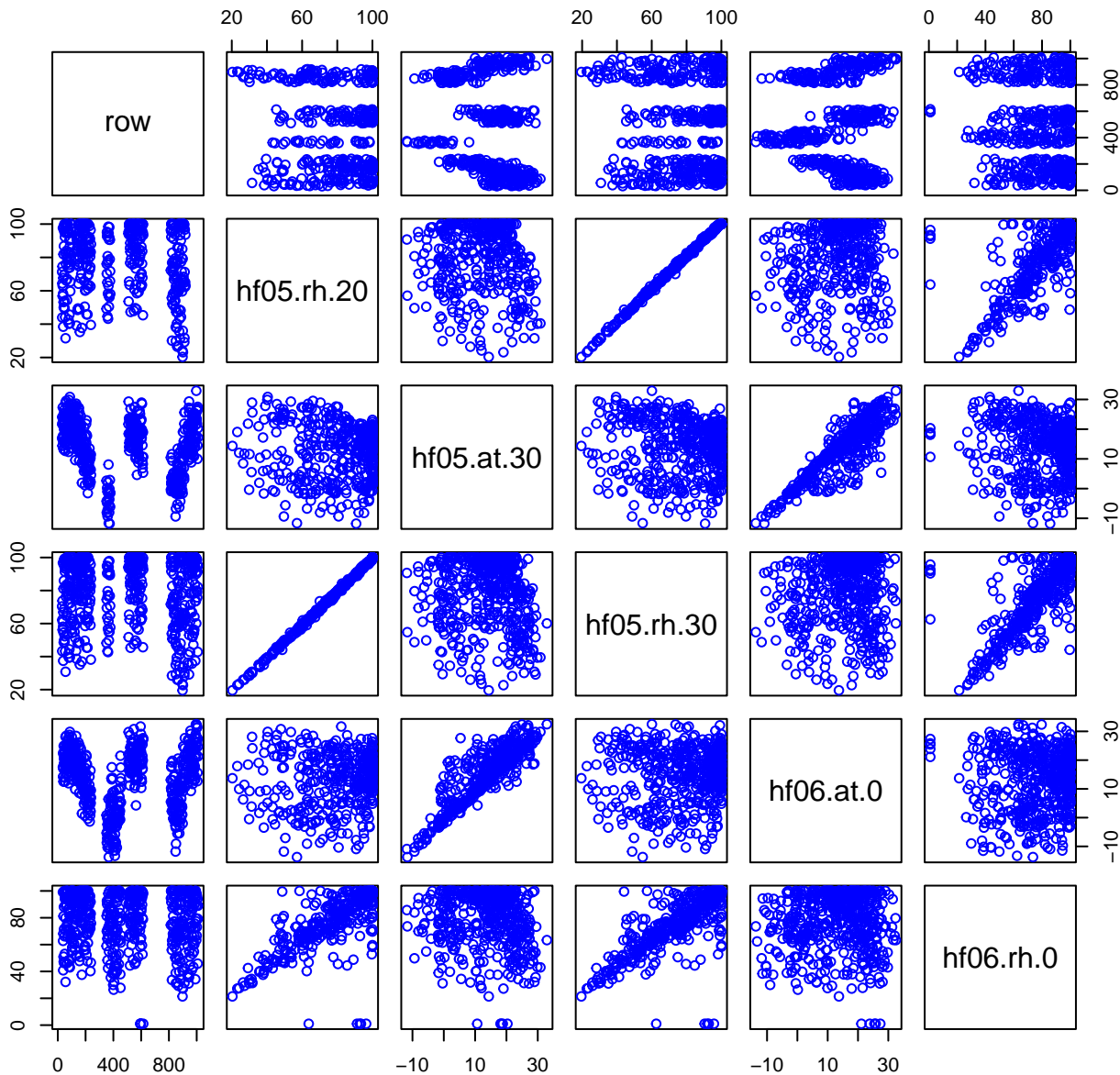
HF357-01 Plot 9



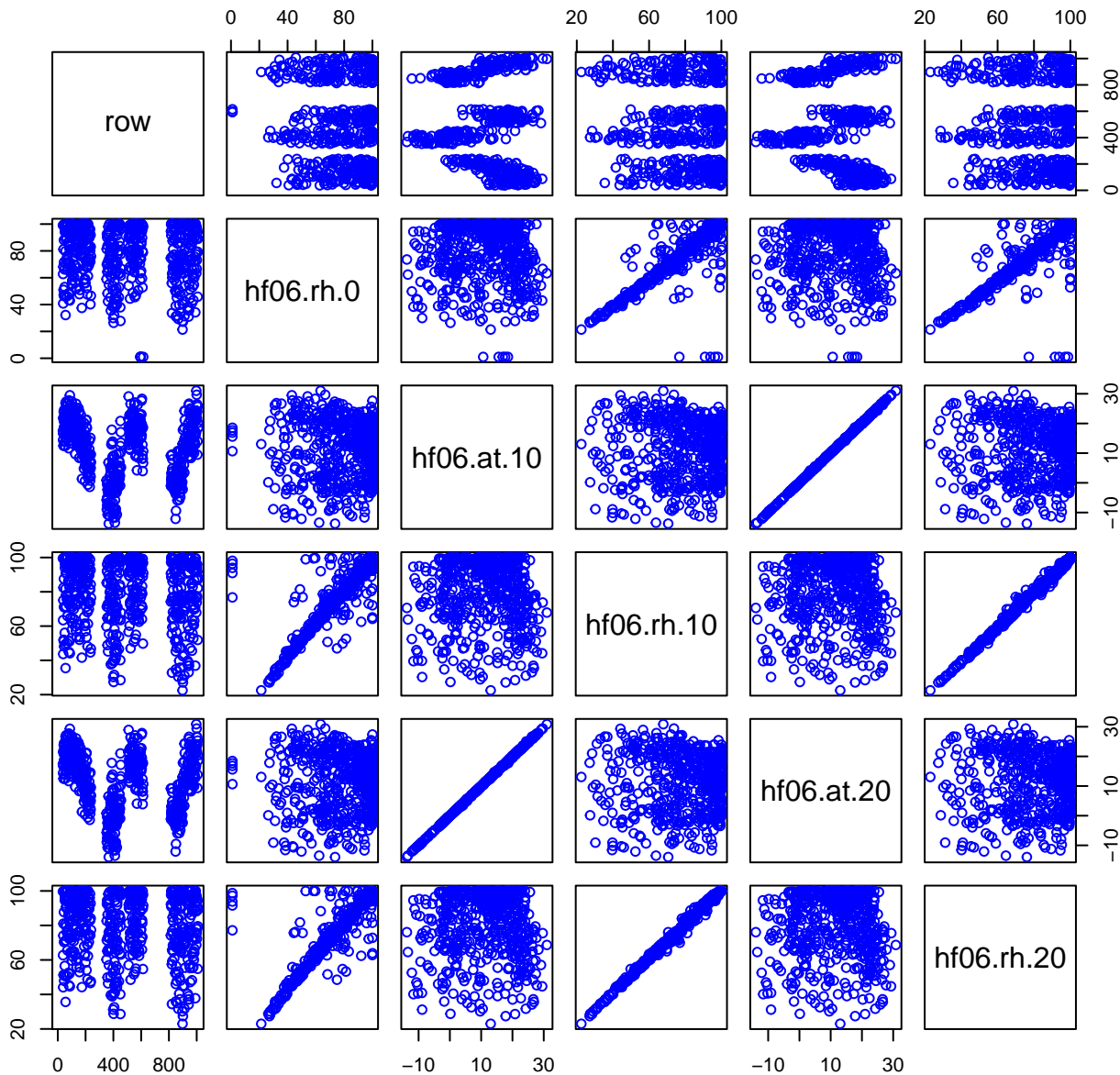
HF357-01 Plot 10



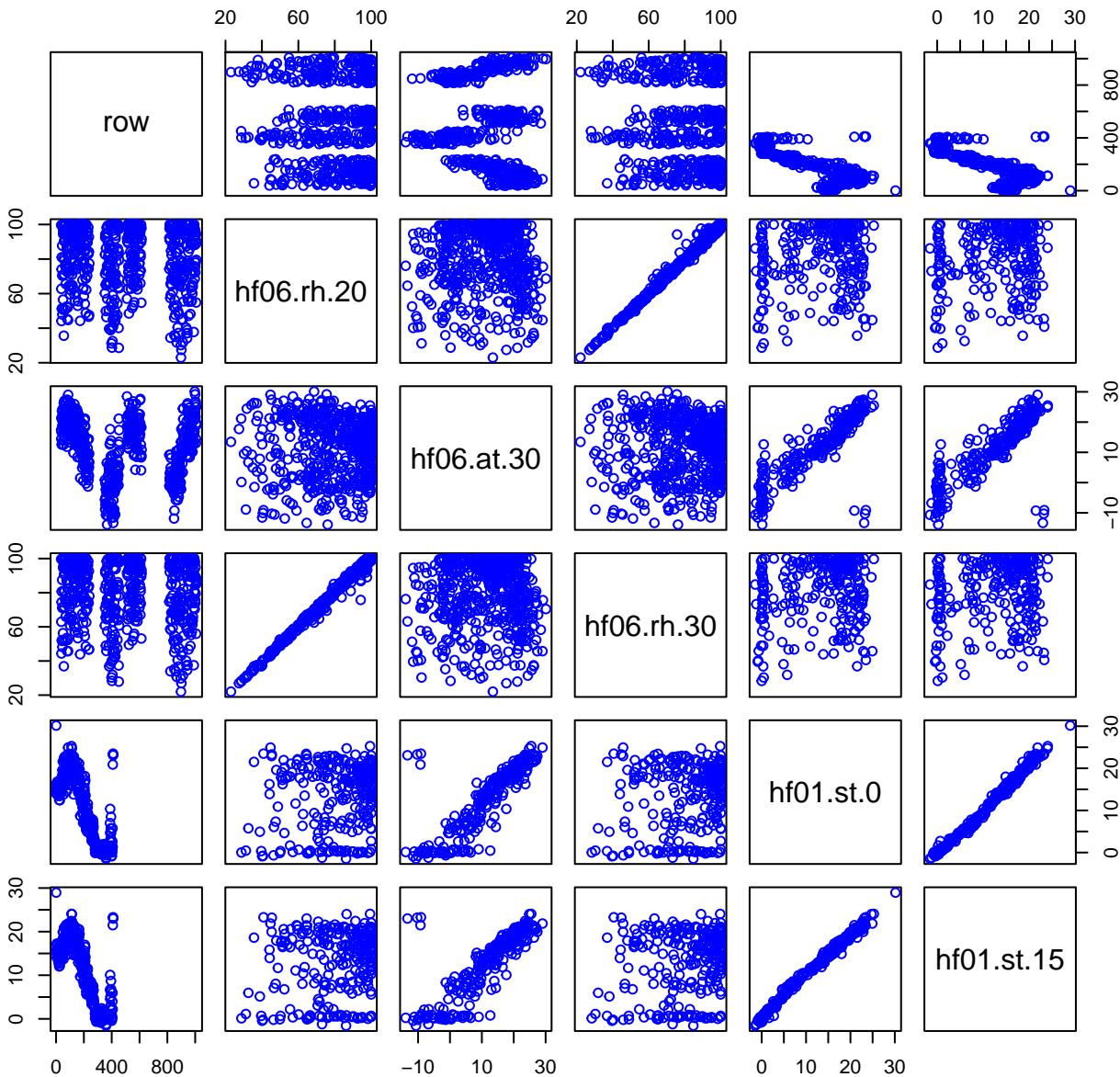
HF357-01 Plot 11



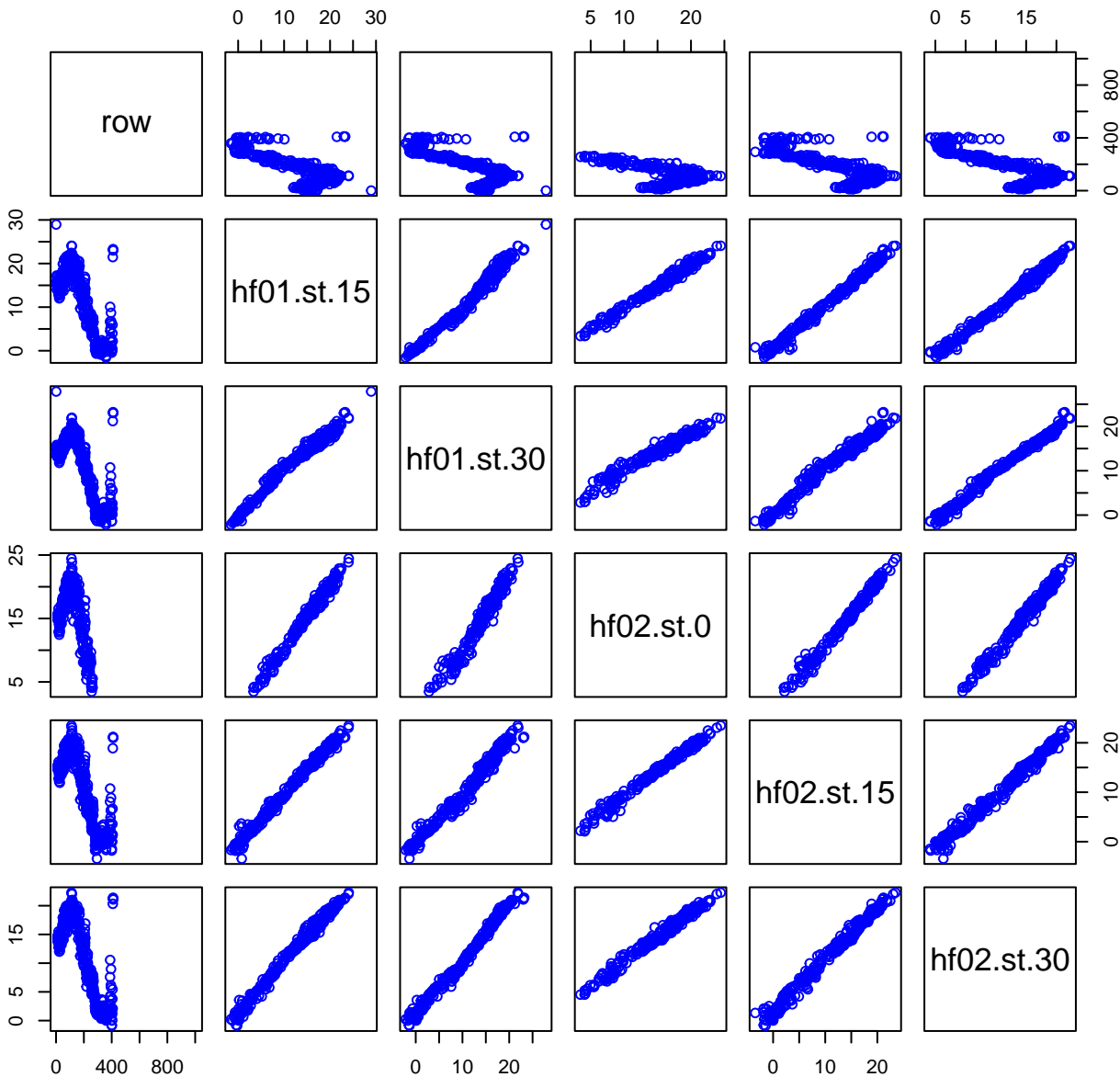
HF357-01 Plot 12



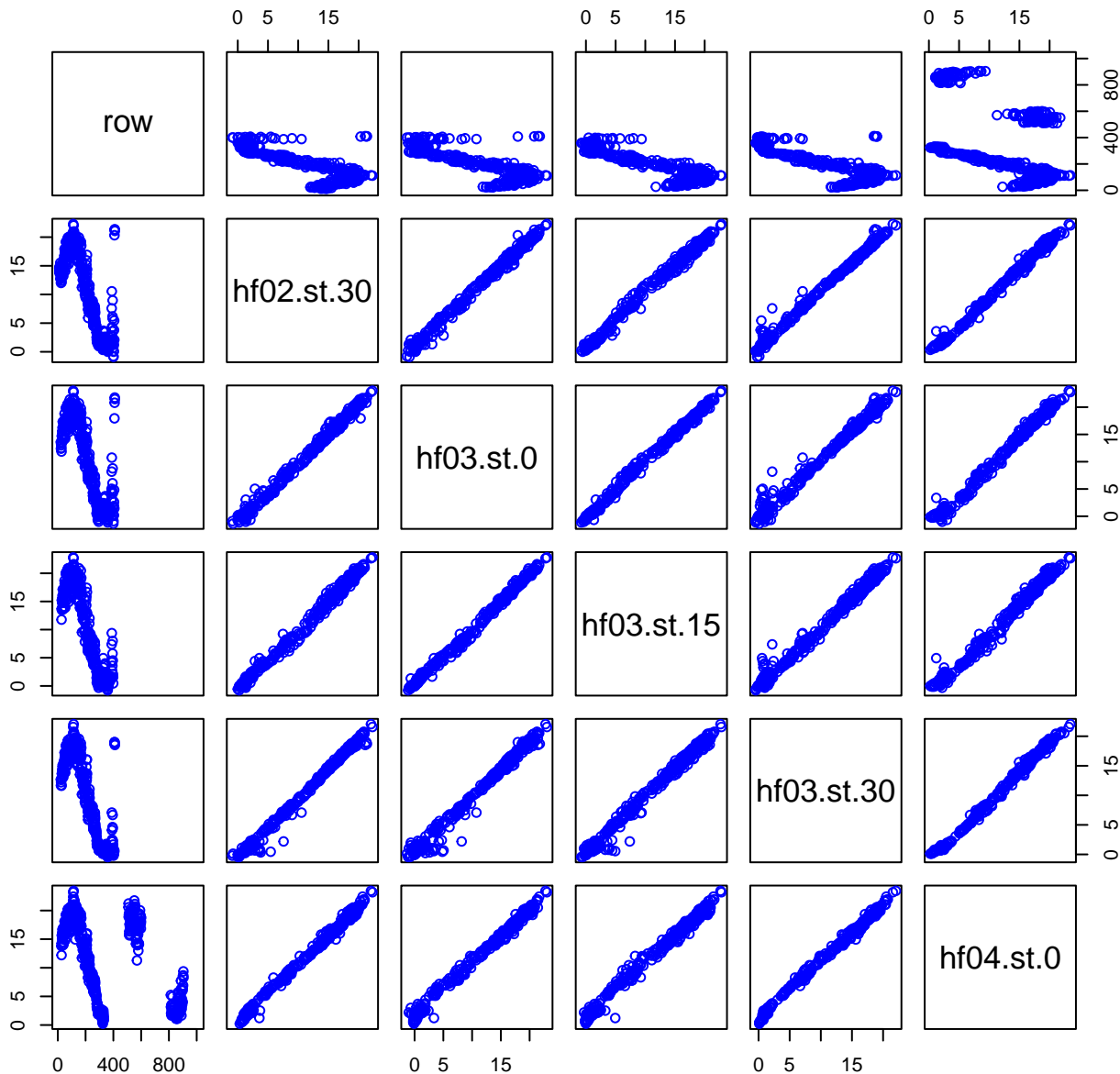
HF357-01 Plot 13



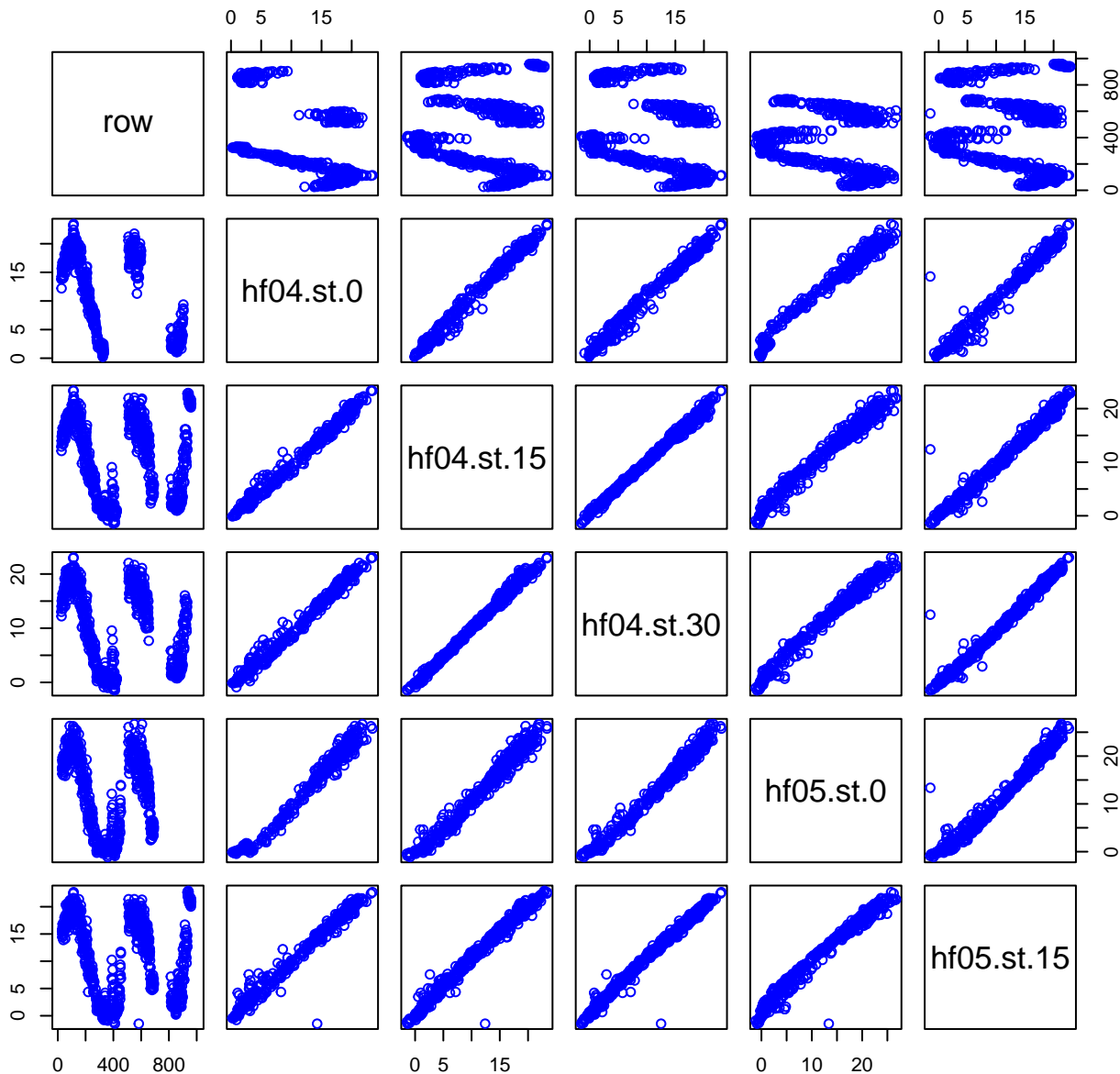
HF357-01 Plot 14



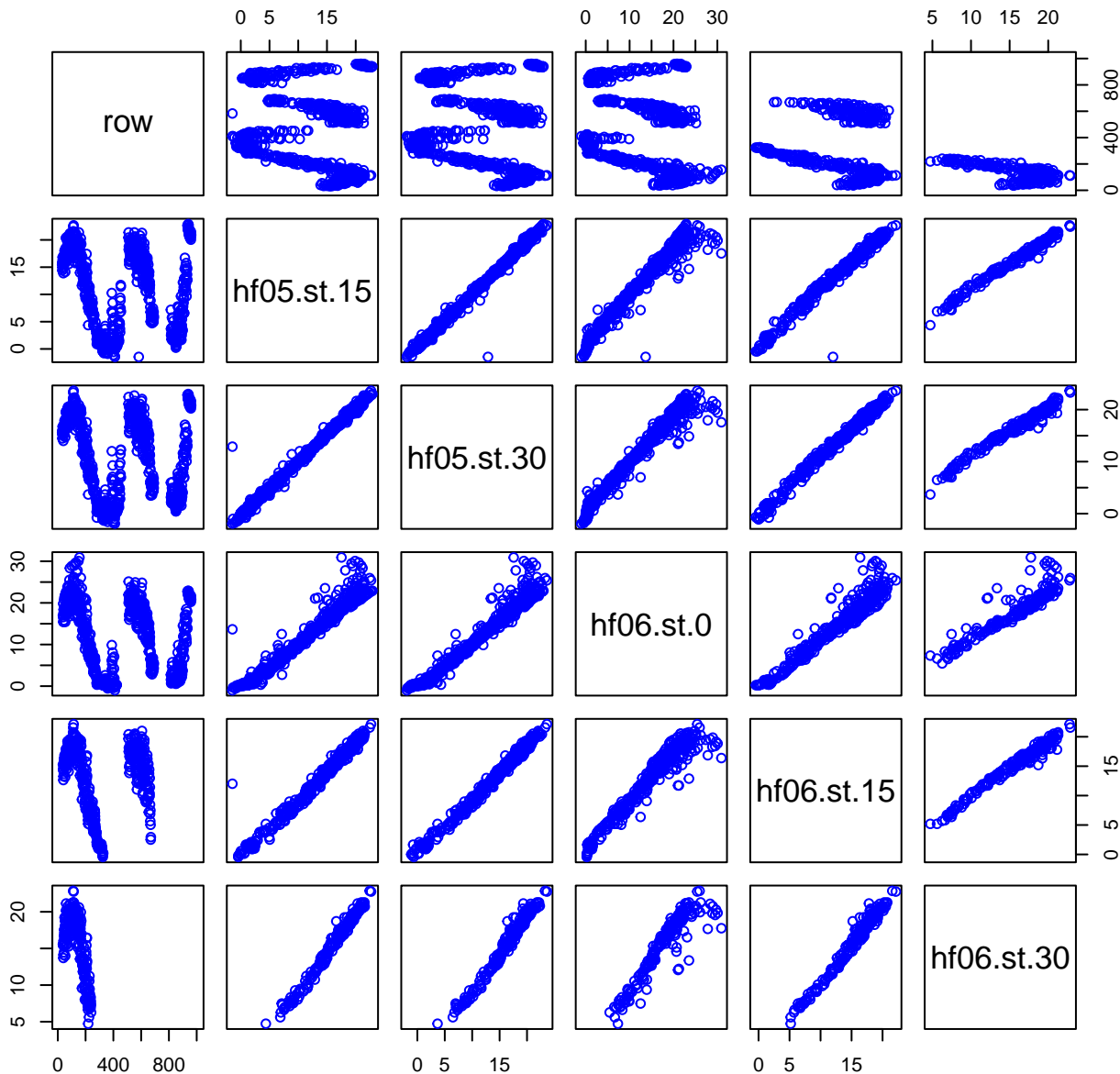
HF357-01 Plot 15



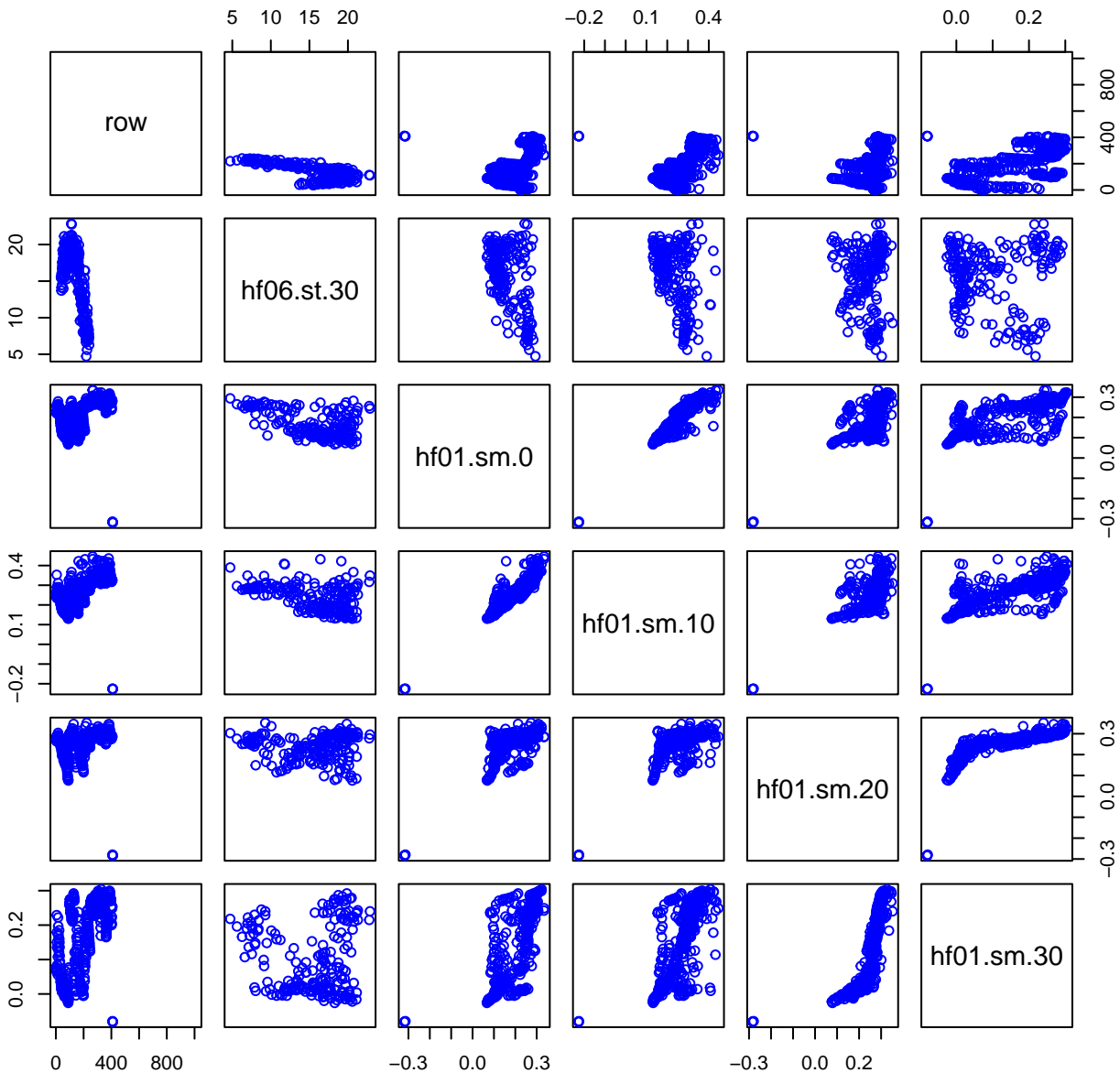
HF357-01 Plot 16



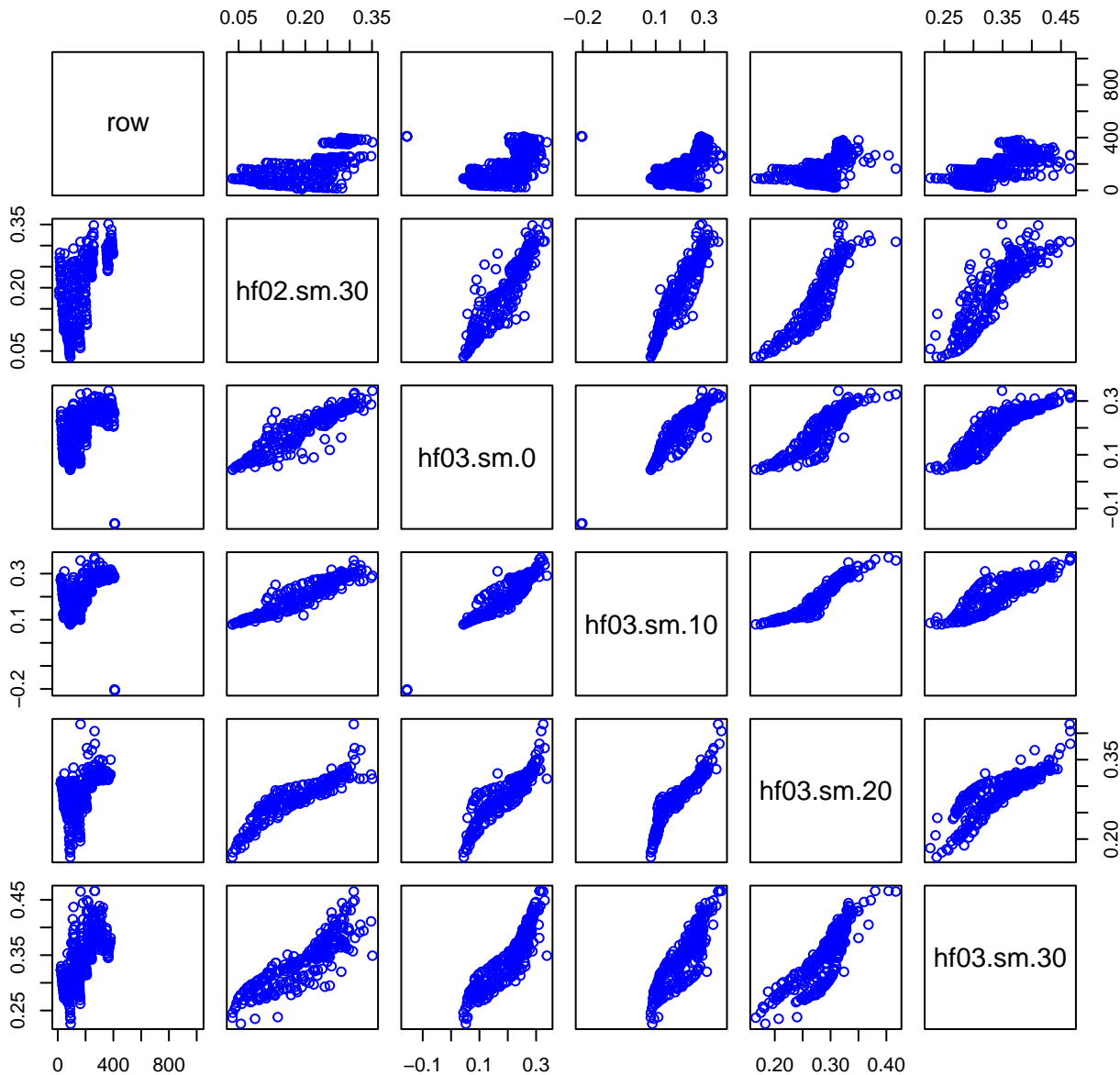
HF357-01 Plot 17



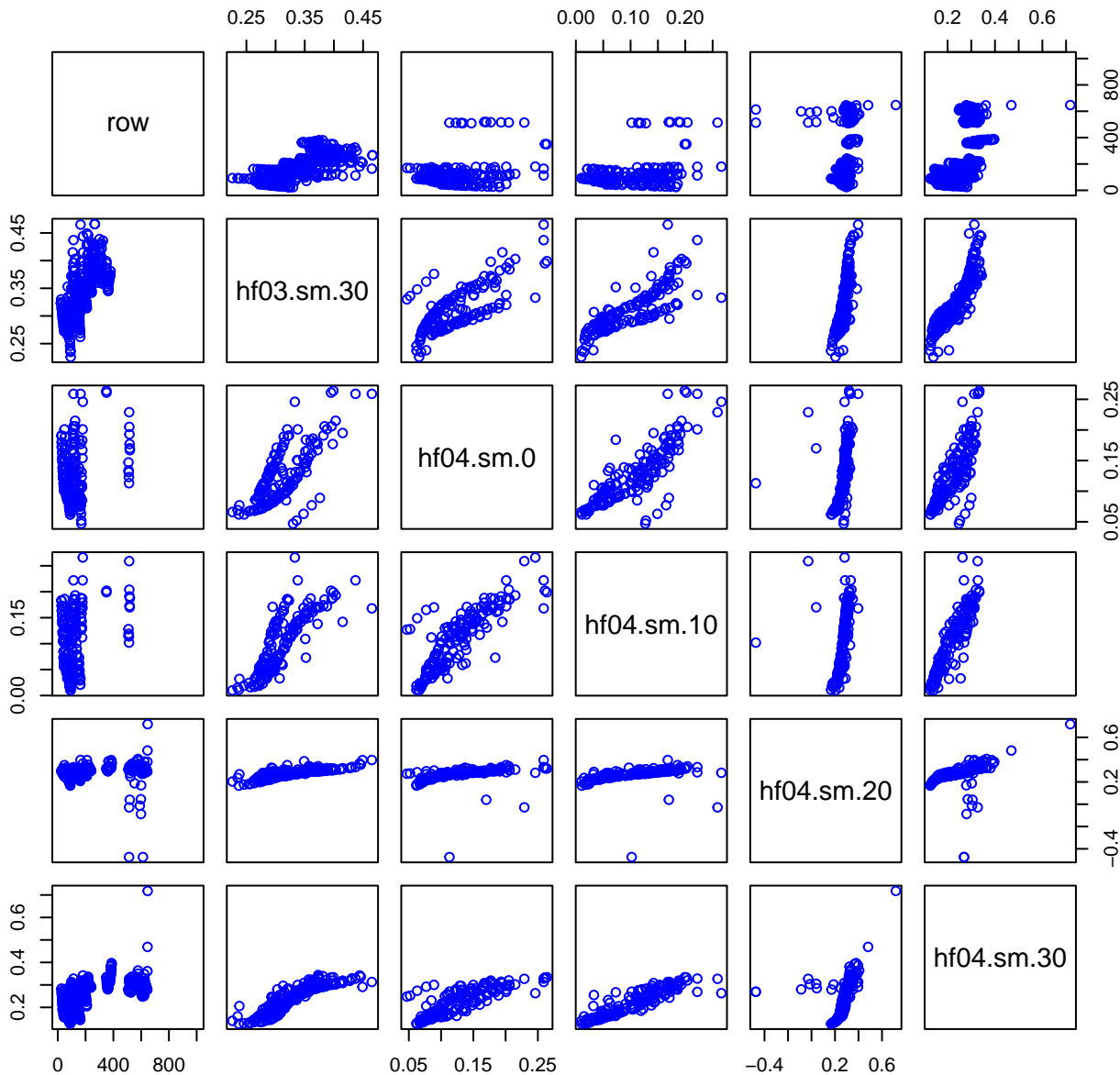
HF357-01 Plot 18



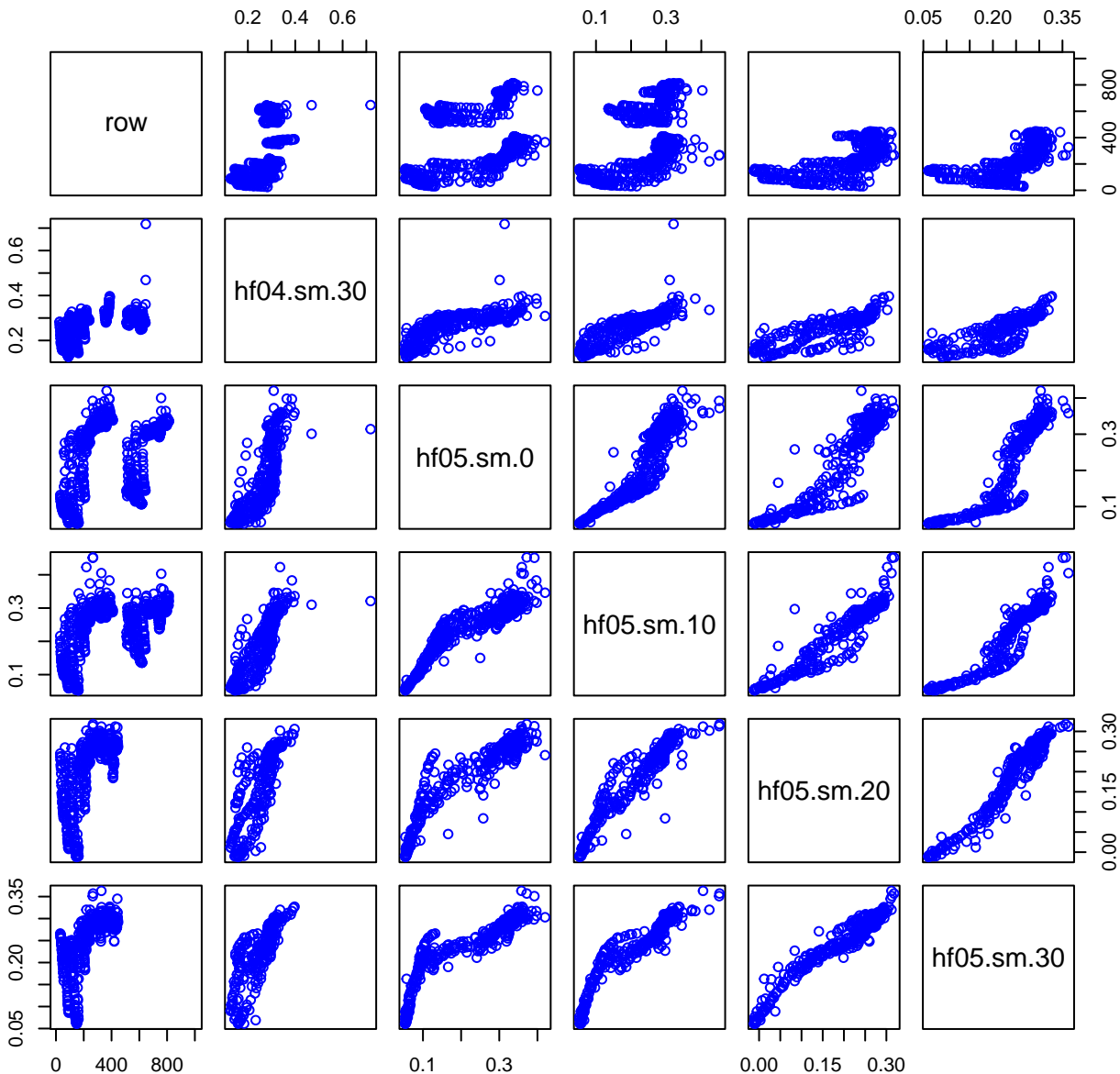
HF357-01 Plot 20



HF357-01 Plot 21



HF357-01 Plot 22



HF357-01 Plot 23

