

Harvard Forest Data Archive HF068-03

Data File:

Name = hf068-03-moisture.csv
Description = soil moisture and temperature
Rows = 4117 Columns = 39
MD5 checksum = 80170a821cc2c1cd131a49c5a3a3e881

Variables:

datetime = date and time
year = year
doy = day of year with fraction of day (nominalDay)
tcl.l = thermocouple low profile, litter layer at 2.5 cm (celsius)
tcl.os = thermocouple low profile, shallow organic horizon at 7 cm
(celsius)
tcl.od = thermocouple low profile, deep organic horizon at 18.75 cm
(celsius)
tcl.m = thermocouple low profile, mineral soil at 30 cm (celsius)
tcm.l = thermocouple middle profile, litter layer at 1 cm (celsius)
tcm.o = thermocouple middle profile, organic horizon at 5 cm
(celsius)
tcm.ms = thermocouple middle profile, mineral soil at 16.25 cm
(celsius)
tcm.md = thermocouple middle profile, mineral soil at 30 cm
(celsius)
tch.l = thermocouple high profile, litter layer at 1.25 cm (celsius)
tch.o = thermocouple high profile, organic layer at 5 cm (celsius)
tch.ms = thermocouple high profile, mineral soil at 15 cm (celsius)
tch.md = thermocouple high profile, mineral soil at 30 cm (celsius)
sml.l = soil moisture low profile, litter layer at 2.5 cm (volt)
sml.os = soil moisture low profile, shallow organic horizon at 7 cm
(volt)
sml.od = soil moisture low profile, deep organic horizon at 18.75 cm
(volt)
sml.m = soil moisture low profile, mineral soil at 30 cm (volt)
smm.l = soil moisture middle profile, litter layer at 1 cm (volt)
smm.o = soil moisture middle profile, organic horizon at 5 cm (volt)
smm.ms = soil moisture middle profile, shallow mineral soil at 16.25
cm (volt)
smm.md = soil moisture middle profile, deep mineral soil at 30 cm
(volt)
smh.l = soil moisture high profile, litter layer at 1.25 (volt)
smh.o = soil moisture high profile, organic layer at 5 cm (volt)
smh.ms = soil moisture high profile, shallow mineral soil at 15 cm
(volt)
smh.md = soil moisture high profile, deep mineral soil at 30 cm
(volt)
wcl.l = water content low profile, litter layer 2.5 cm
(cubicCentimetersPerCubicCentimeters)
wcl.os = water content low profile, shallow organic horizon 7 cm
(cubicCentimetersPerCubicCentimeters)

wcl.od = water content low profile, deep organic horizon 18.75 cm
(cubicCentimetersPerCubicCentimeters)

wcl.m = water content low profile, mineral soil at 30 cm
(cubicCentimetersPerCubicCentimeters)

wcm.l = water content middle profile, litter layer at 1 cm
(cubicCentimetersPerCubicCentimeters)

wcm.o = water content middle profile, organic horizon at 5 cm
(cubicCentimetersPerCubicCentimeters)

wcm.ms = water content middle profile, shallow mineral soil at 16.25
cm (cubicCentimetersPerCubicCentimeters)

wcm.md = water content middle profile, deep mineral soil at 30 cm
(cubicCentimetersPerCubicCentimeters)

wch.l = water content high profile, litter layer 1.25 cm
(cubicCentimetersPerCubicCentimeters)

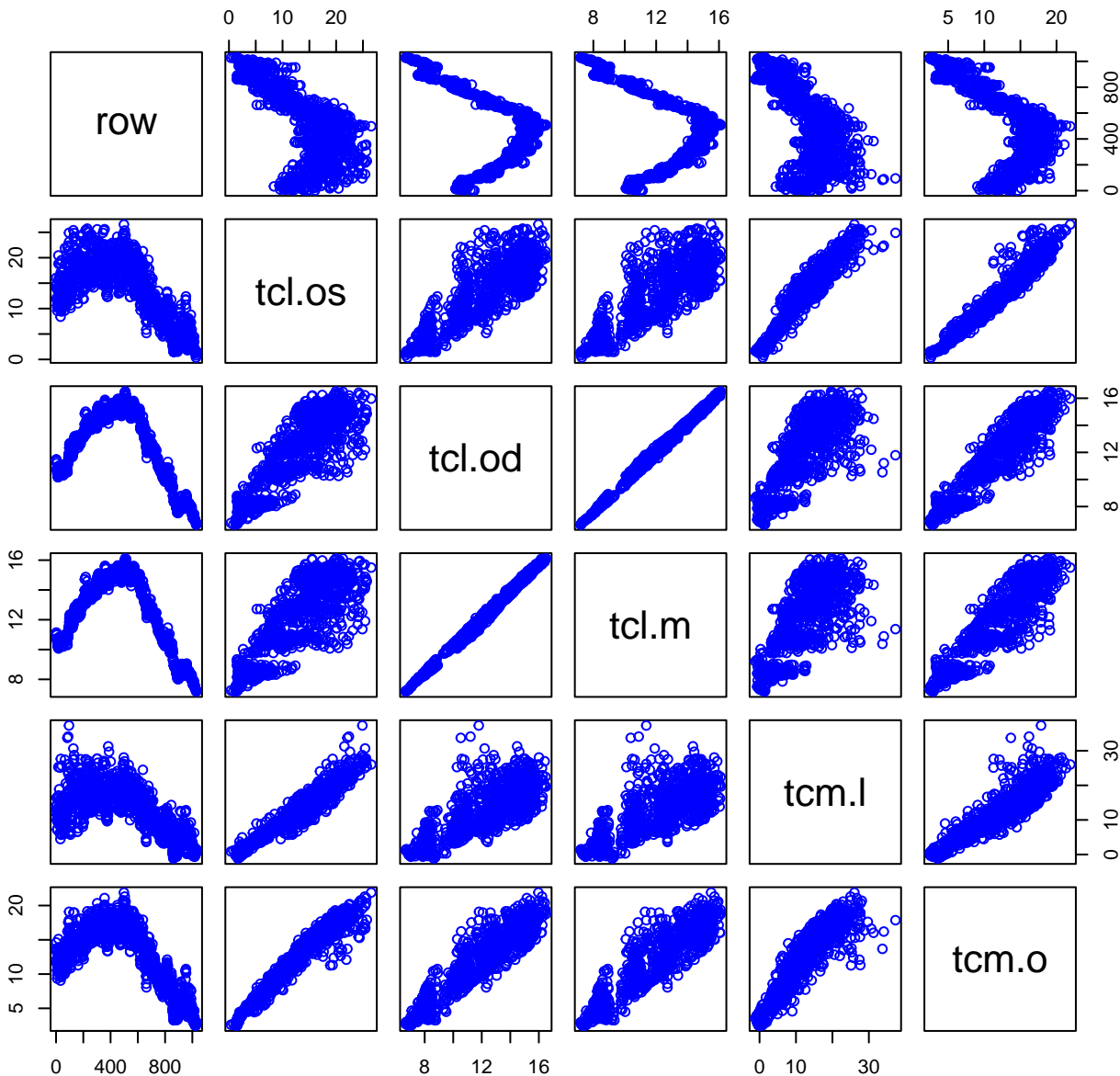
wch.o = water content high profile, organic horizon 5 cm
(cubicCentimetersPerCubicCentimeters)

wch.ms = water content high profile, shallow mineral soil 15 cm
(cubicCentimetersPerCubicCentimeters)

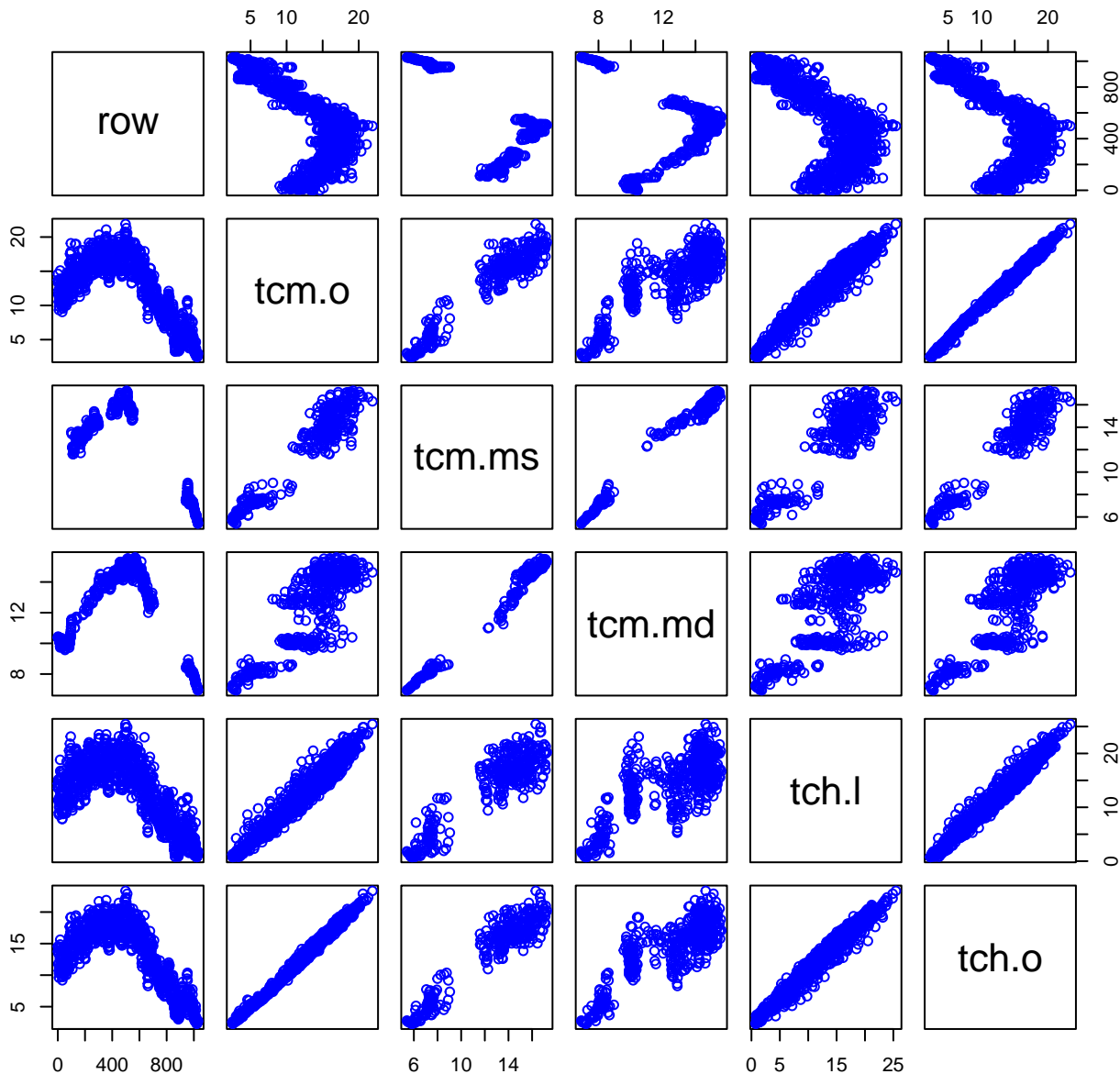
wch.md = water content of high profile, deep mineral soil 30 cm
(cubicCentimetersPerCubicCentimeters)

Variable	Min	Median	Mean	Max	NAs
datetime	2004-05-18T00:57		2004-12-08T11:02		0
year	2004.000	2004.000	2004.000	2004.000	0
doy	139.040	245.670	245.596	343.460	0
tcl.l	-0.190	14.350	13.621	33.780	16
tcl.os	0.340	14.640	13.563	27.860	1
tcl.od	6.660	12.850	12.359	16.630	0
tcl.m	7.170	12.750	12.358	16.220	0
tcm.l	-1.220	13.600	13.262	44.230	4
tcm.o	2.480	14.050	12.772	21.970	0
tcm.ms	5.410	13.765	12.716	17.300	2649
tcm.md	6.920	13.615	12.575	15.730	1859
tch.l	0.690	14.350	13.089	25.440	0
tch.o	2.290	14.600	13.222	23.360	0
tch.ms					4117
tch.md	5.220	13.440	12.809	17.780	1
sml.l	7.470	12.400	13.072	34.750	0
sml.os	22.590	25.920	27.049	36.260	0
sml.od	32.700	33.980	34.005	35.060	1
sml.m	25.710	26.790	26.843	27.780	0
smm.l	-3.480	-2.530	-2.479	0.100	0
smm.o	-1.460	2.530	2.337	7.820	2
smm.ms	10.590	13.635	13.930	18.230	1
smm.md	33.790	34.080	34.090	34.300	1
smh.l	-2.500	1.200	1.331	10.400	20
smh.o	-1.280	3.070	2.926	9.100	1
smh.ms	-17.030	-15.060	-15.053	-12.900	0
smh.md	-0.790	4.240	14.789	138.020	1
wcl.l	0.070	0.120	0.131	0.350	0
wcl.os	0.230	0.260	0.271	0.360	1
wcl.od	0.330	0.340	0.340	0.480	0
wcl.m	0.250	0.270	0.269	0.600	1
wcm.l					4117
wcm.o	0.000	0.030	0.030	0.080	740
wcm.ms	0.010	0.140	0.140	0.180	1
wcm.md	0.310	0.340	0.340	0.370	1
wch.l	0.000	0.020	0.022	0.100	1245
wch.o	0.000	0.030	0.032	0.740	270
wch.ms					4117
wch.md	0.000	0.040	0.160	1.380	307

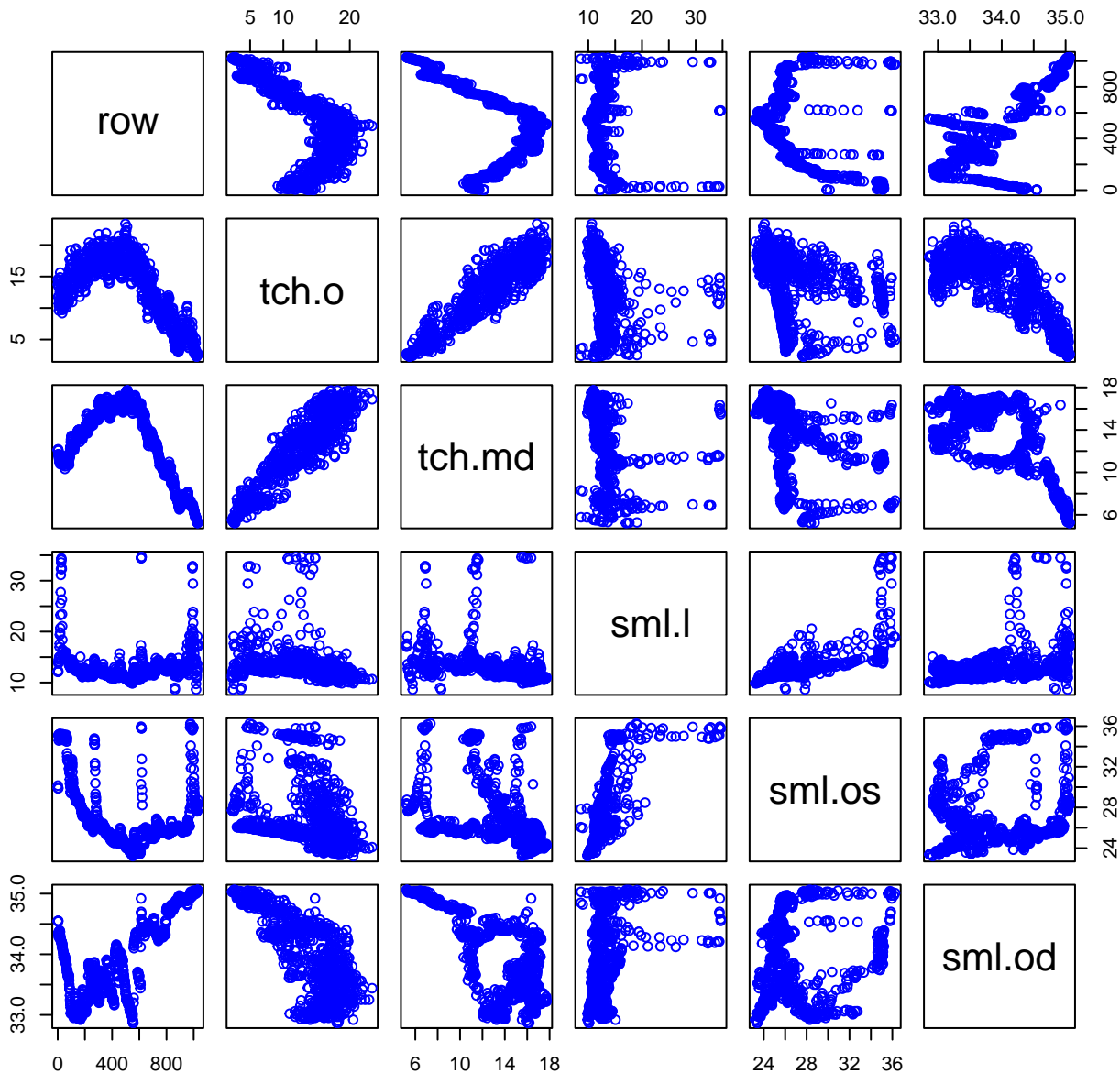
HF068-03 Plot 2



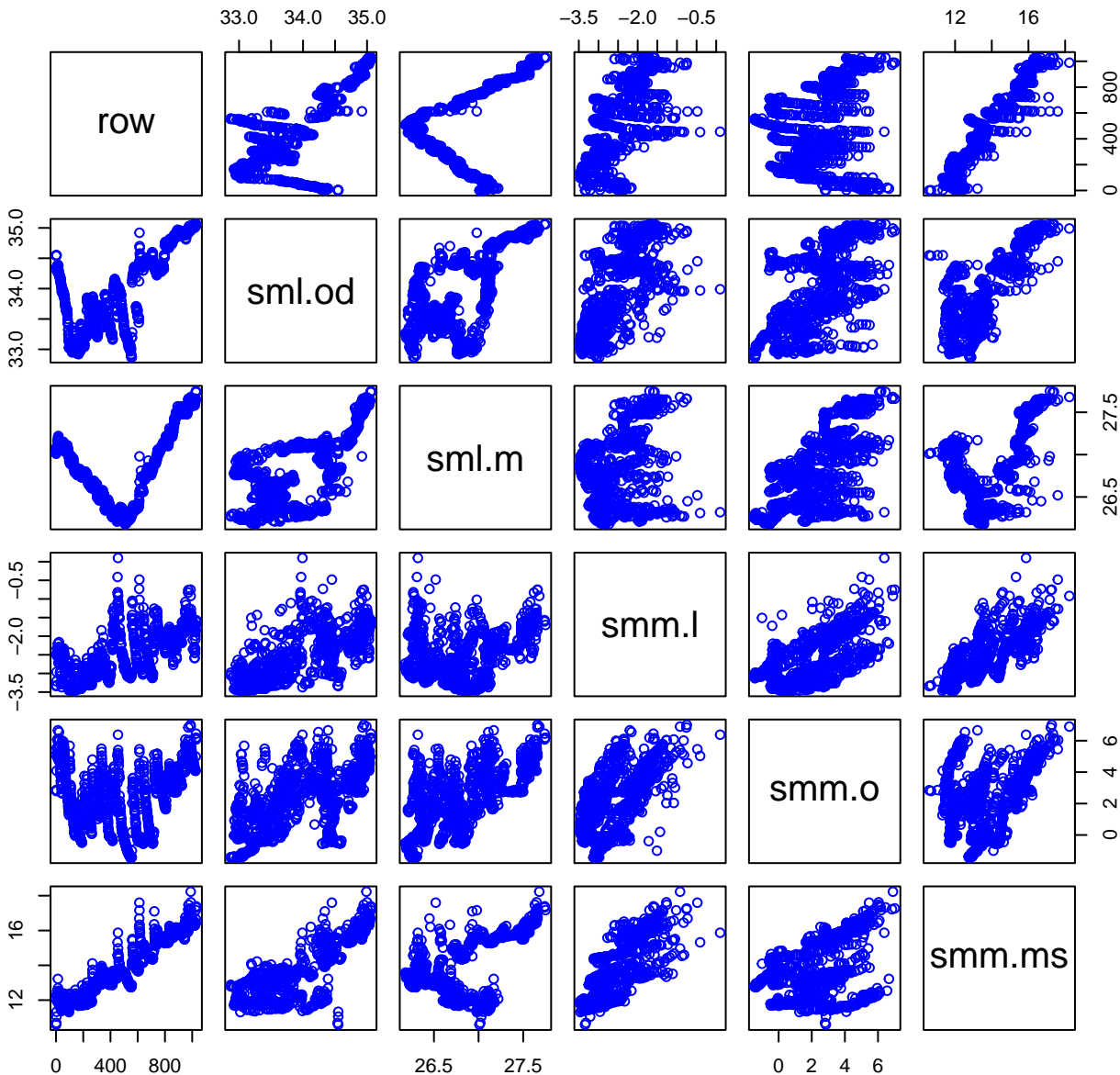
HF068-03 Plot 3



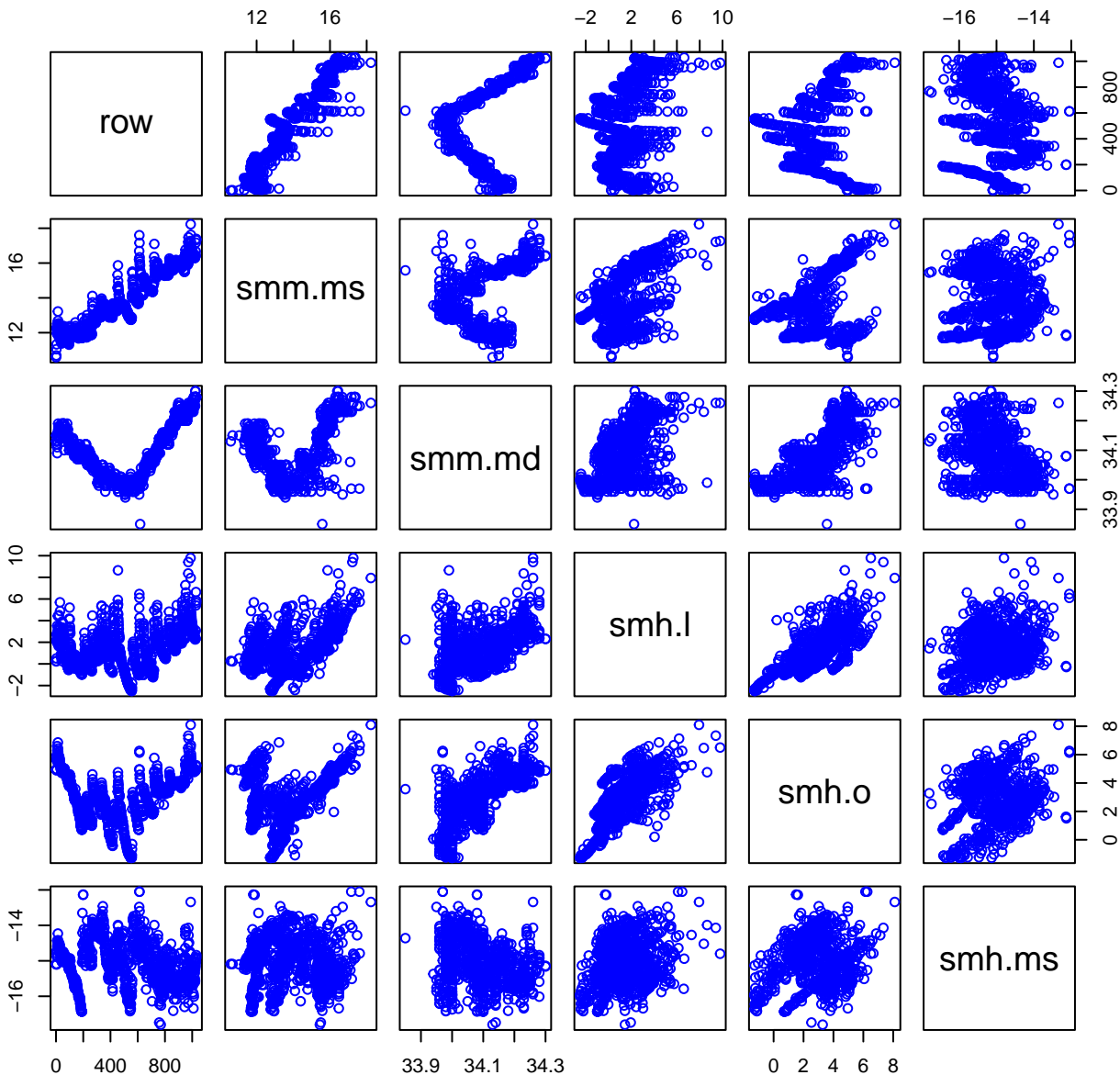
HF068-03 Plot 4



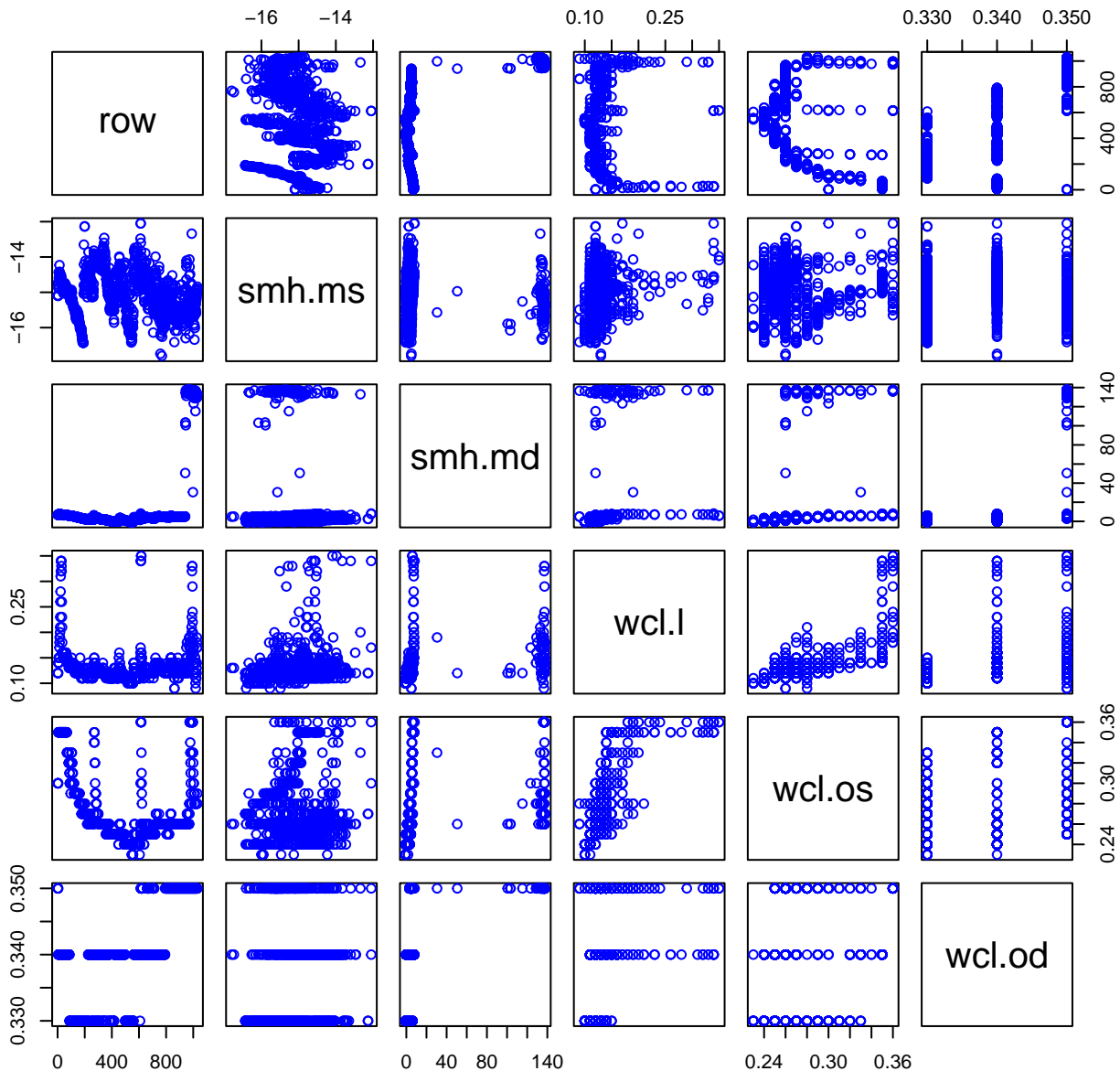
HF068-03 Plot 5



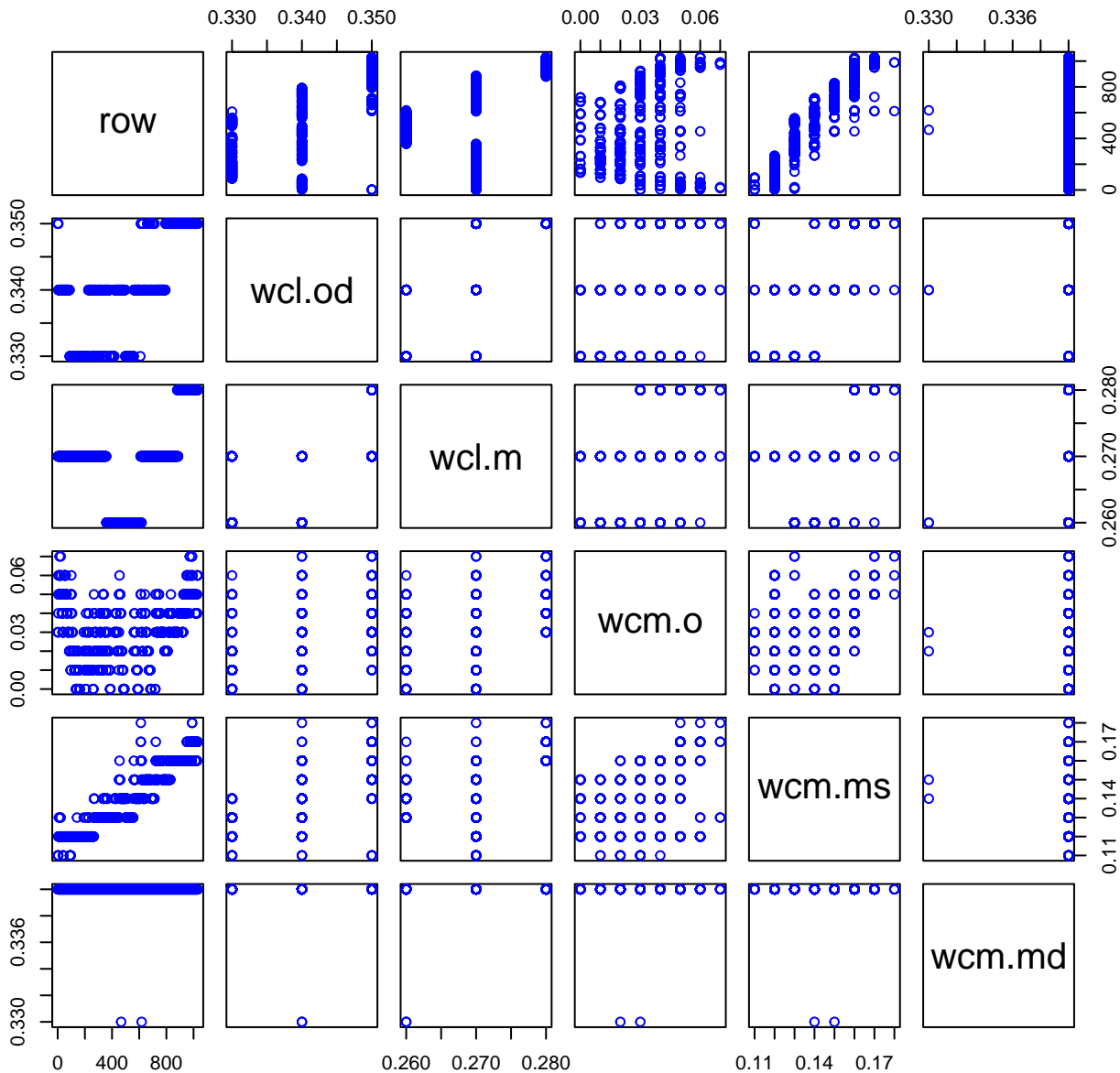
HF068-03 Plot 6



HF068-03 Plot 7



HF068-03 Plot 8



HF068-03 Plot 9

