

Harvard Forest Data Archive HF113-13

Data File:

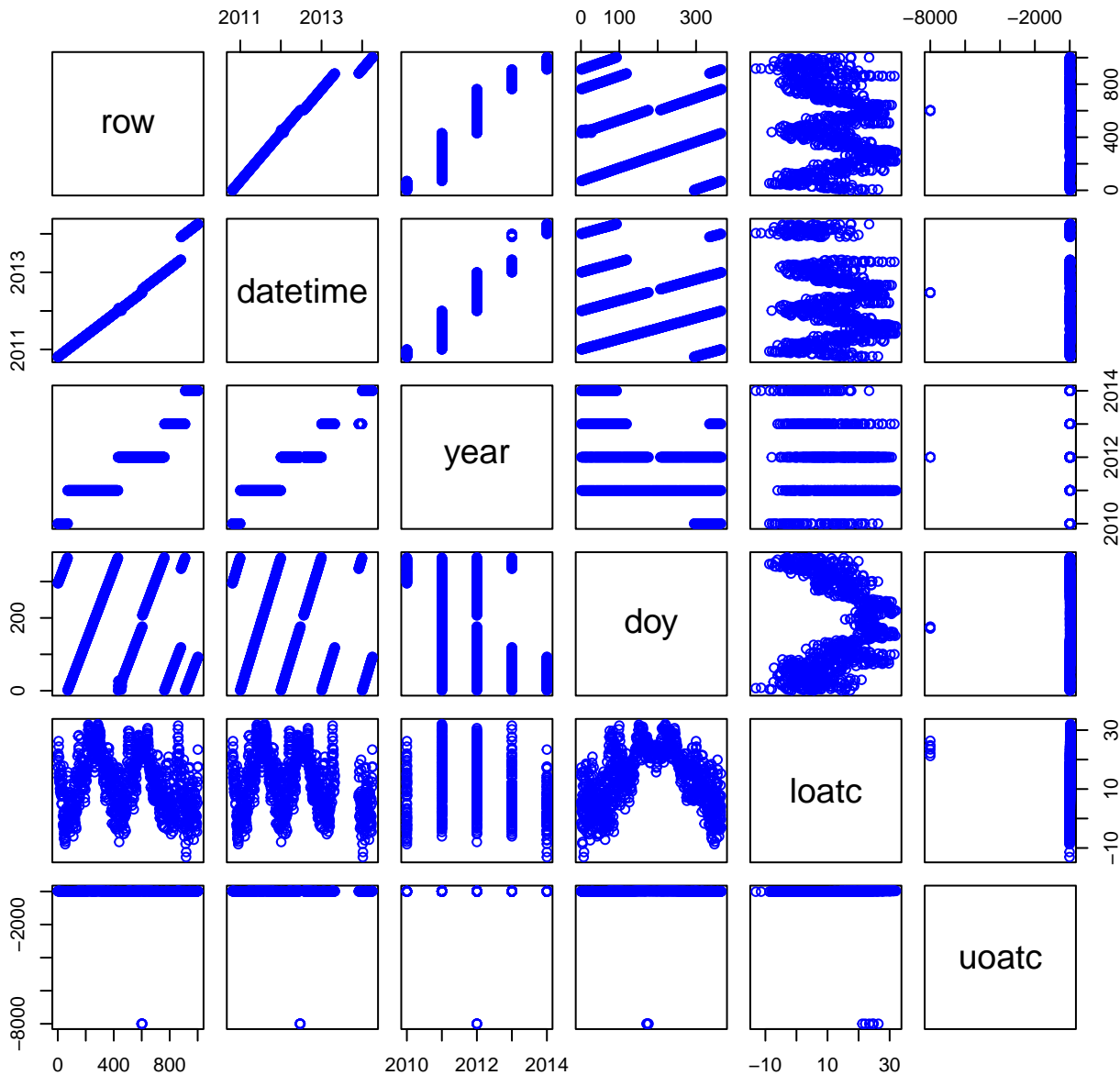
Name = hf113-13-df-cham-heat.csv
Description = DF chamber heating
Rows = 292302 Columns = 16
MD5 checksum = 2aa0c3cd412f760e4127efeaf4135363

Variables:

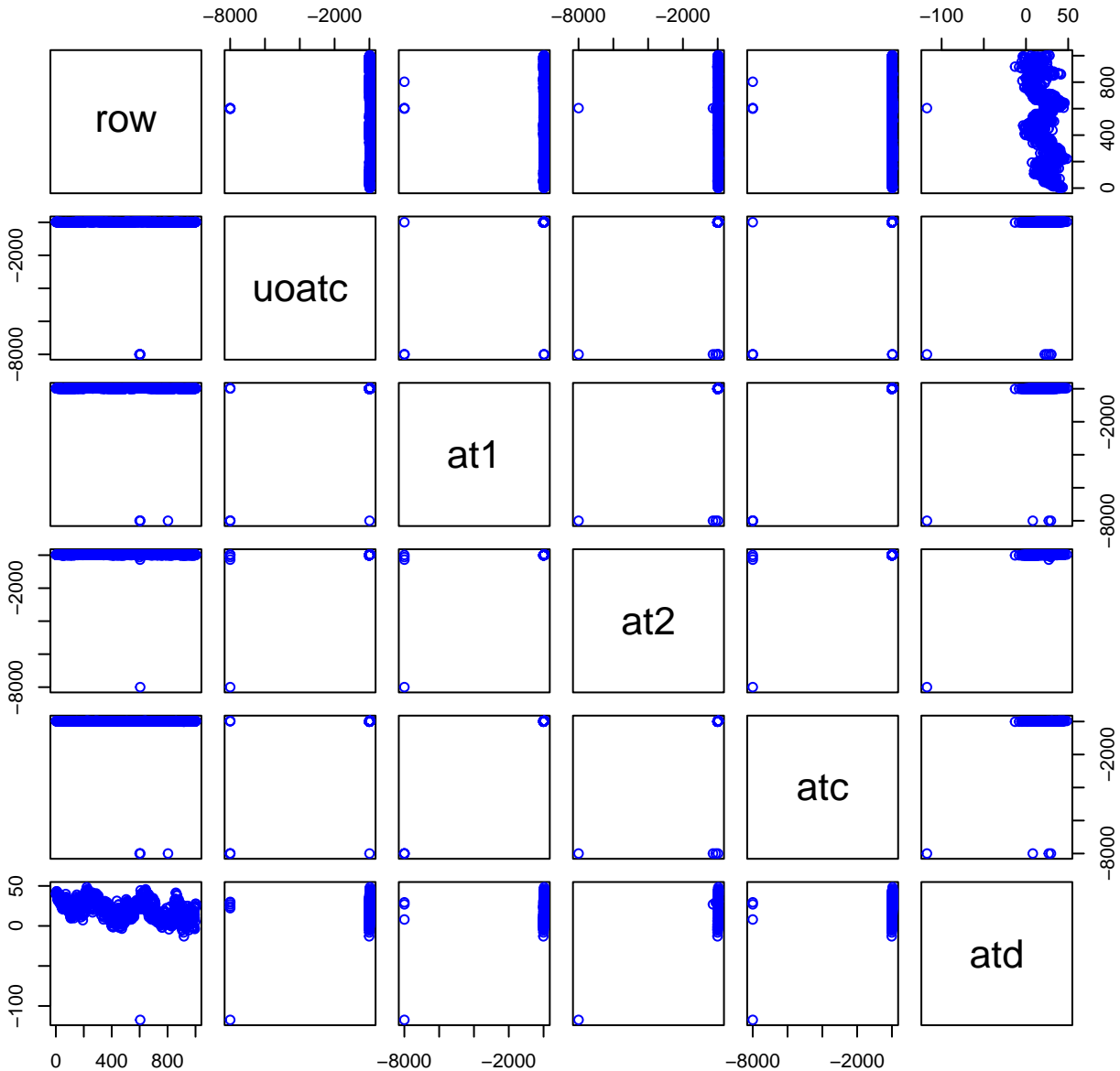
datetime = date and time
year = year
doy = day of year (nominalDay)
loatc = lower shed outside air temperature (celsius)
uoatc = upper shed outside airtemperature (celsius)
at1 = air temperature #1 (celsius)
at2 = air temperature #2 (celsius)
atc = average of air temperatures #1 and #2 (celsius)
atd = air temperature in heating duct (celsius)
bav = Belimo valve opening (millivolt)
dah = difference in chamber temperature and ambient chamber
temperature. Chambers 1-3 compared to chamber 4. Chambers 5, 7 and 8 compared
to chamber 6. Chambers 9, 10 and 12 compared to chamber 11.
(celsius)
doa = difference in chamber temperature and outside air temperature
(celsius)
fan = fan speed (millivolt)

| Variable | Min | Median | Mean | Max | NAs |
|----------|------------------|-----------|------------------|-----------|-------|
| datetime | 2010-10-22T11:00 | | 2014-04-03T11:00 | | 0 |
| year | 2010.000 | 2012.000 | 2011.832 | 2014.000 | 0 |
| doy | 1.000 | 148.000 | 171.355 | 366.000 | 0 |
| loatc | -15.254 | 11.852 | 11.959 | 36.571 | 5 |
| uoatc | -7999.000 | 11.868 | -36.950 | 36.902 | 4 |
| at1 | -7999.000 | 14.350 | -19.961 | 42.000 | 5 |
| at2 | -7999.000 | 14.680 | 5.644 | 41.930 | 5 |
| atc | -7999.000 | 14.520 | -25.268 | 41.450 | 5 |
| atd | -7999.000 | 21.040 | 12.293 | 50.050 | 5 |
| bav | 3000.000 | 13500.000 | 12399.402 | 20000.000 | 73750 |
| dah | -7999.000 | 2.140 | -54.241 | 302.300 | 73080 |
| doa | -7999.000 | 2.488 | -56.412 | 9.470 | 5 |
| fan | 6000.000 | 7000.000 | 6999.989 | 7000.000 | 24362 |

HF113-13 Plot 1



HF113-13 Plot 2



HF113-13 Plot 3

