

Harvard Forest Data Archive HF209-04

Data File:

Name = hf209-04-vert-prof.csv  
Description = vertical profiles  
Rows = 14292 Columns = 24  
MD5 checksum = 6alc8a8c5c168394e6c557fb796fd1bf

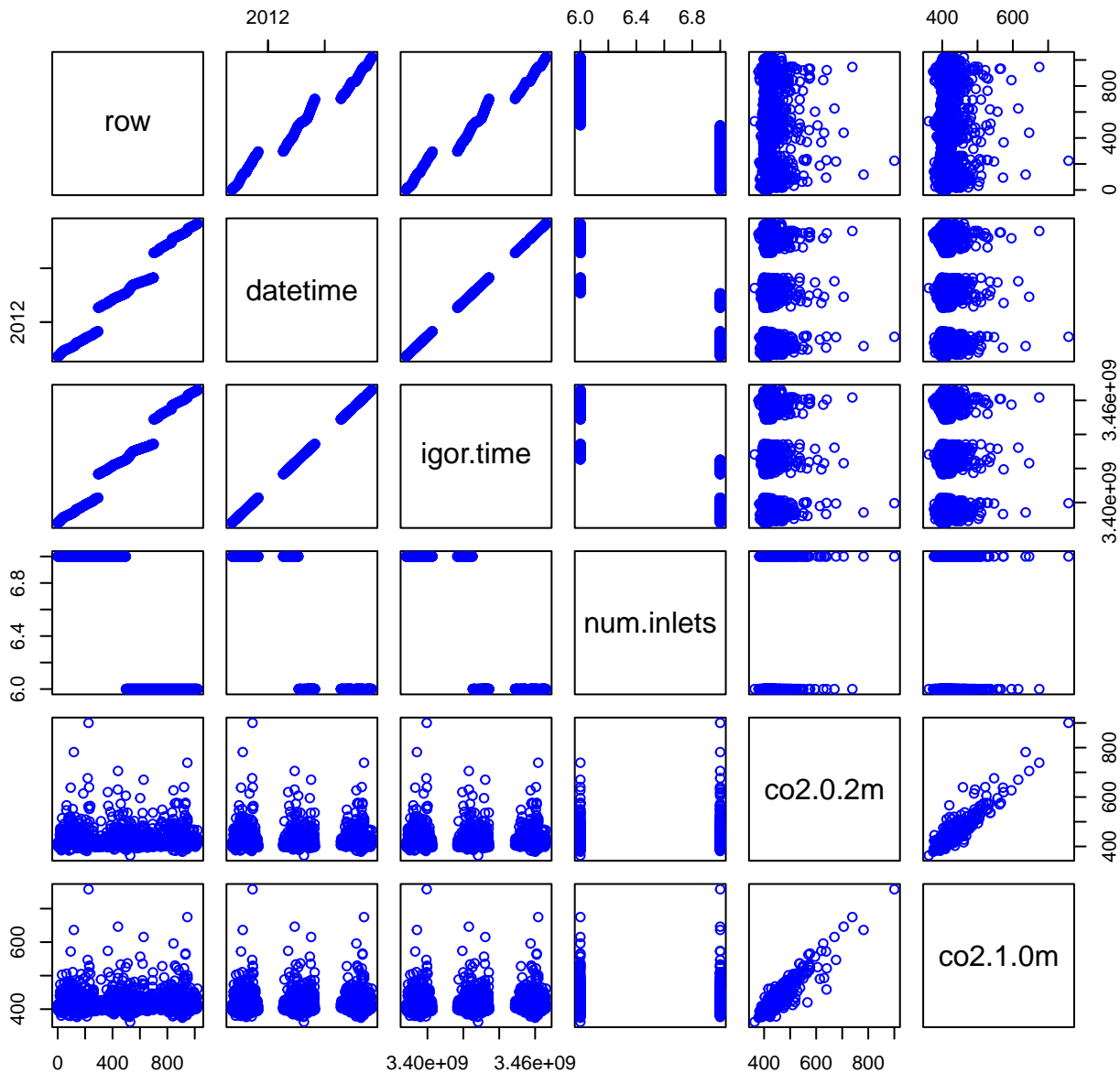
Variables:

datetime = date and time stamps, mean value for the eddy flux  
integration period  
igor.time = redundant date and time stamp, used by the Igor  
programming language (seconds since the start of January 1, 1904) (second)  
num.inlets = number of CO2 sampling inlets active (number)  
co2.0.2m = CO2 molar mixing ratio to dry air measured at 0.2m (ppm)  
(dimensionless)  
co2.1.0m = CO2 molar mixing ratio to dry air measured at 1.0m (ppm)  
(dimensionless)  
co2.7.5m = CO2 molar mixing ratio to dry air measured at 7.5m (ppm)  
(dimensionless)  
co2.12.5m = CO2 molar mixing ratio to dry air measured at 12.5m  
(ppm) (dimensionless)  
co2.18.3m = CO2 molar mixing ratio to dry air measured at 18.3m  
(ppm) (dimensionless)  
co2.24.1m = CO2 molar mixing ratio to dry air measured at 24.1m  
(ppm) (dimensionless)  
co2.29.0m = CO2 molar mixing ratio to dry air measured at 29.0m  
(ppm) (dimensionless)  
dell3.0.2m = ratio of 13C to 12C in CO2 expressed as a deviation  
from the VPDB standard, measured at 0.2m (permil) (dimensionless)  
dell3.1.0m = ratio of 13C to 12C in CO2 expressed as a deviation  
from the VPDB standard, measured at 1.0m (permil) (dimensionless)  
dell3.7.5m = ratio of 13C to 12C in CO2 expressed as a deviation  
from the VPDB standard, measured at 7.5m (permil) (dimensionless)  
dell3.12.5m = ratio of 13C to 12C in CO2 expressed as a deviation  
from the VPDB standard, measured at 12.5m (permil) (dimensionless)  
dell3.18.3m = ratio of 13C to 12C in CO2 expressed as a deviation  
from the VPDB standard, measured at 18.3m (permil) (dimensionless)  
dell3.24.1m = ratio of 13C to 12C in CO2 expressed as a deviation  
from the VPDB standard, measured at 24.1m (permil) (dimensionless)  
dell3.29.0m = ratio of 13C to 12C in CO2 expressed as a deviation  
from the VPDB standard, measured at 29.0m (permil) (dimensionless)  
dell8.0.2m = ratio of 18O to 16O in CO2 expressed as a deviation  
from the VSMOW standard, measured at 0.2m (permil) (dimensionless)  
dell8.1.0m = ratio of 18O to 16O in CO2 expressed as a deviation  
from the VSMOW standard, measured at 1.0m (permil) (dimensionless)  
dell8.7.5m = ratio of 18O to 16O in CO2 expressed as a deviation  
from the VSMOW standard, measured at 7.5m (permil) (dimensionless)  
dell8.12.5m = ratio of 18O to 16O in CO2 expressed as a deviation  
from the VSMOW standard, measured at 12.5m (permil) (dimensionless)

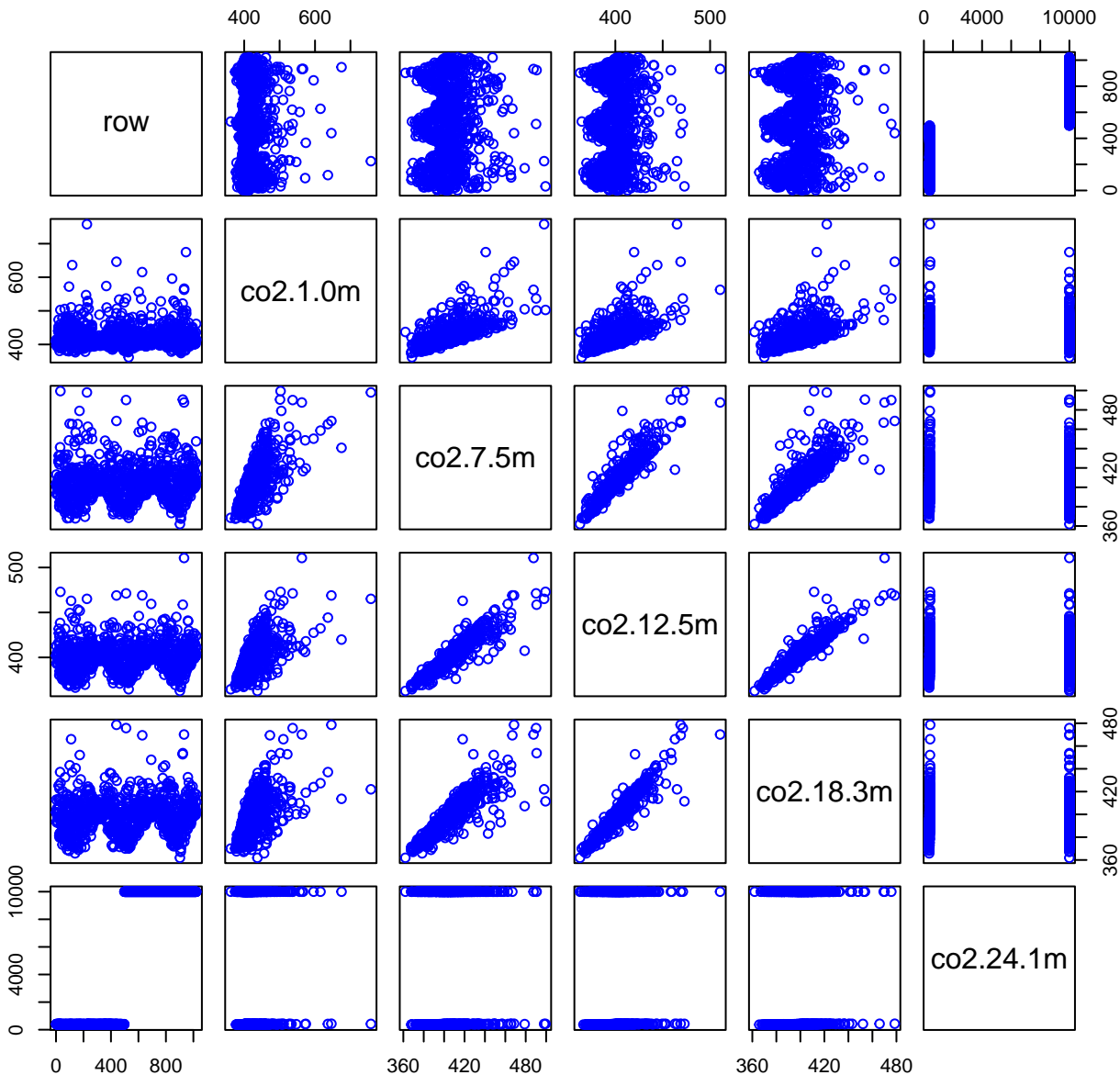
del18.18.3m = ratio of 180 to 160 in CO2 expressed as a deviation  
from the VSMOW standard, measured at 18.3m (permil) (dimensionless)  
del.24.1m = ratio of 180 to 160 in CO2 expressed as a deviation from  
the VSMOW standard, measured at 24.1m (permil) (dimensionless)  
del18.29.0m = ratio of 180 to 160 in CO2 expressed as a deviation  
from the VSMOW standard, measured at 29.0m (permil) (dimensionless)

Variable	Min	Median	Mean	Max	NAs
datetime	2011-05-13T20:50:37		2013-10-31T21:29:56		0
igor.time	3388164638	3426326079	3427279550	3466099797	0
num.inlets	6.000	6.000	6.487	7.000	0
co2.0.2m	363.523	421.586	434.588	900.272	0
co2.1.0m	362.000	414.629	423.147	757.806	0
co2.7.5m	346.278	403.054	404.596	588.456	0
co2.12.5m	341.830	401.076	401.258	555.469	0
co2.18.3m	319.868	400.069	399.445	490.942	0
co2.24.1m	329.291	9999.000	5325.549	9999.000	0
co2.29.0m	354.884	398.148	396.861	468.262	0
dell13.0.2m	-19.149	-9.321	-9.722	-6.683	0
dell13.1.0m	-17.366	-9.033	-9.304	-6.571	0
dell13.7.5m	-14.497	-8.546	-8.571	-5.729	0
dell13.12.5m	-13.686	-8.459	-8.437	-5.287	0
dell13.18.3m	-11.942	-8.390	-8.358	-4.087	0
dell13.24.1m	-11.742	9999.000	5128.382	9999.000	0
dell13.29.0m	-11.362	-8.304	-8.262	-6.171	0
dell18.0.2m	32.428	38.757	38.692	43.449	0
dell18.1.0m	32.877	39.025	38.956	43.859	0
dell18.7.5m	33.305	39.407	39.368	44.135	0
dell18.12.5m	33.394	39.457	39.421	44.157	0
dell18.18.3m	34.696	39.486	39.452	43.950	0
del.24.1m	34.699	9999.000	5151.700	9999.000	0
dell18.29.0m	34.404	39.481	39.453	43.348	0

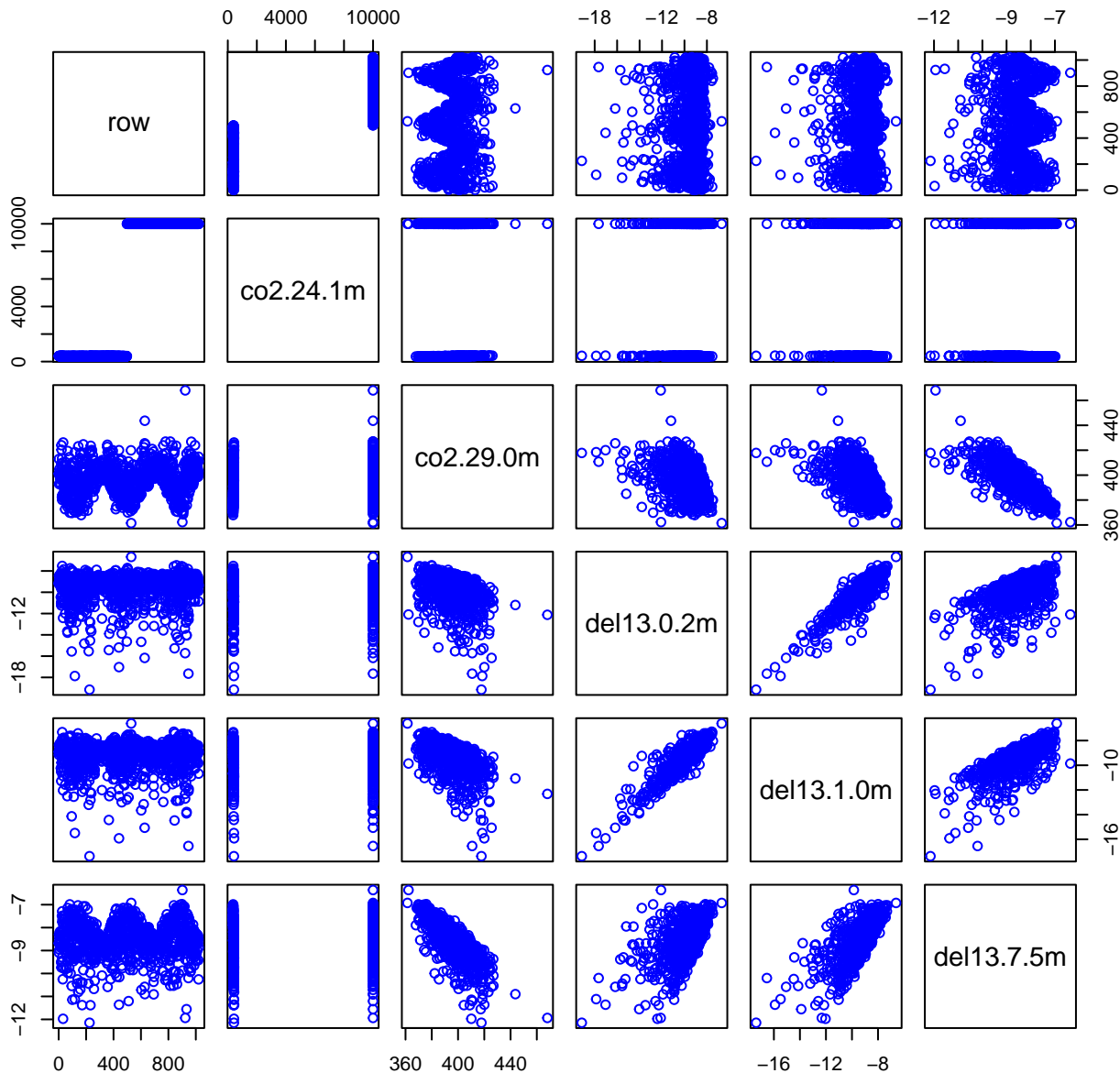
# HF209-04 Plot 1



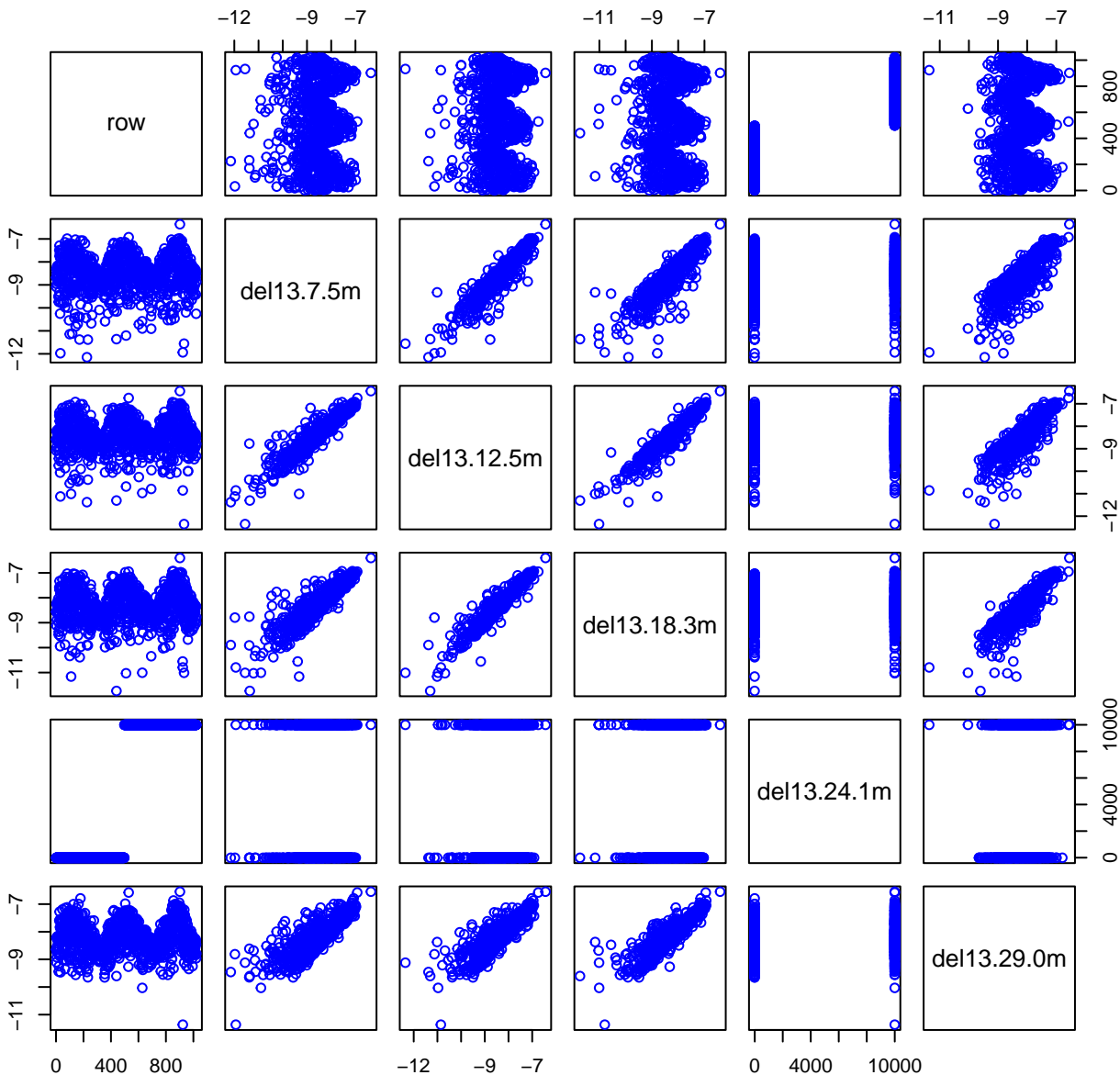
# HF209-04 Plot 2



# HF209-04 Plot 3



# HF209-04 Plot 4





# HF209-04 Plot 6

