

Harvard Forest Data Archive HF373-01

Data File:

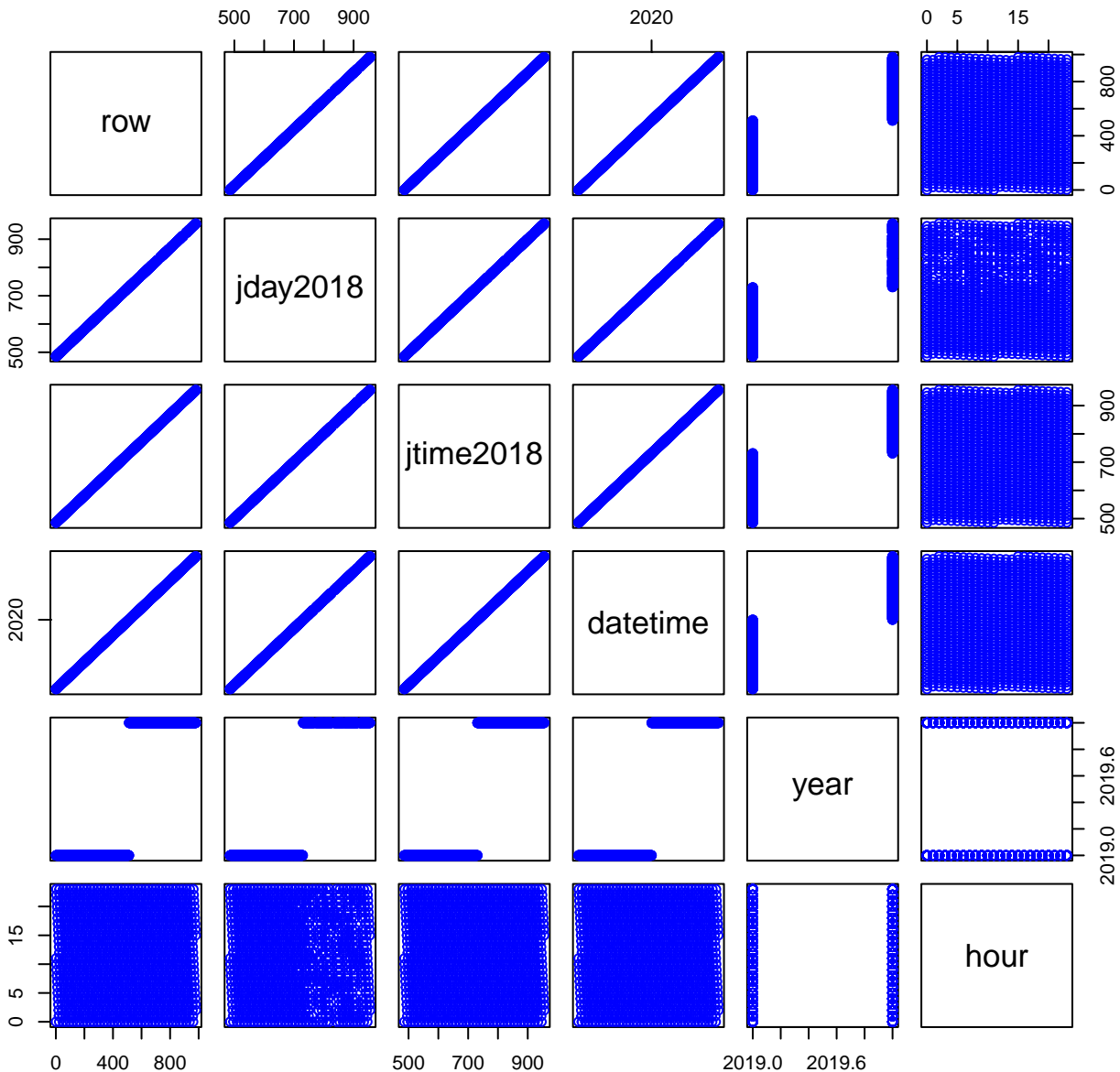
Name = hf373-01-30min-gem-flux.csv
Description = 30-minute GEM flux data
Rows = 22536 Columns = 13
MD5 checksum = 8c4eaf460814d43b985ae4a343c37d2e

Variables:

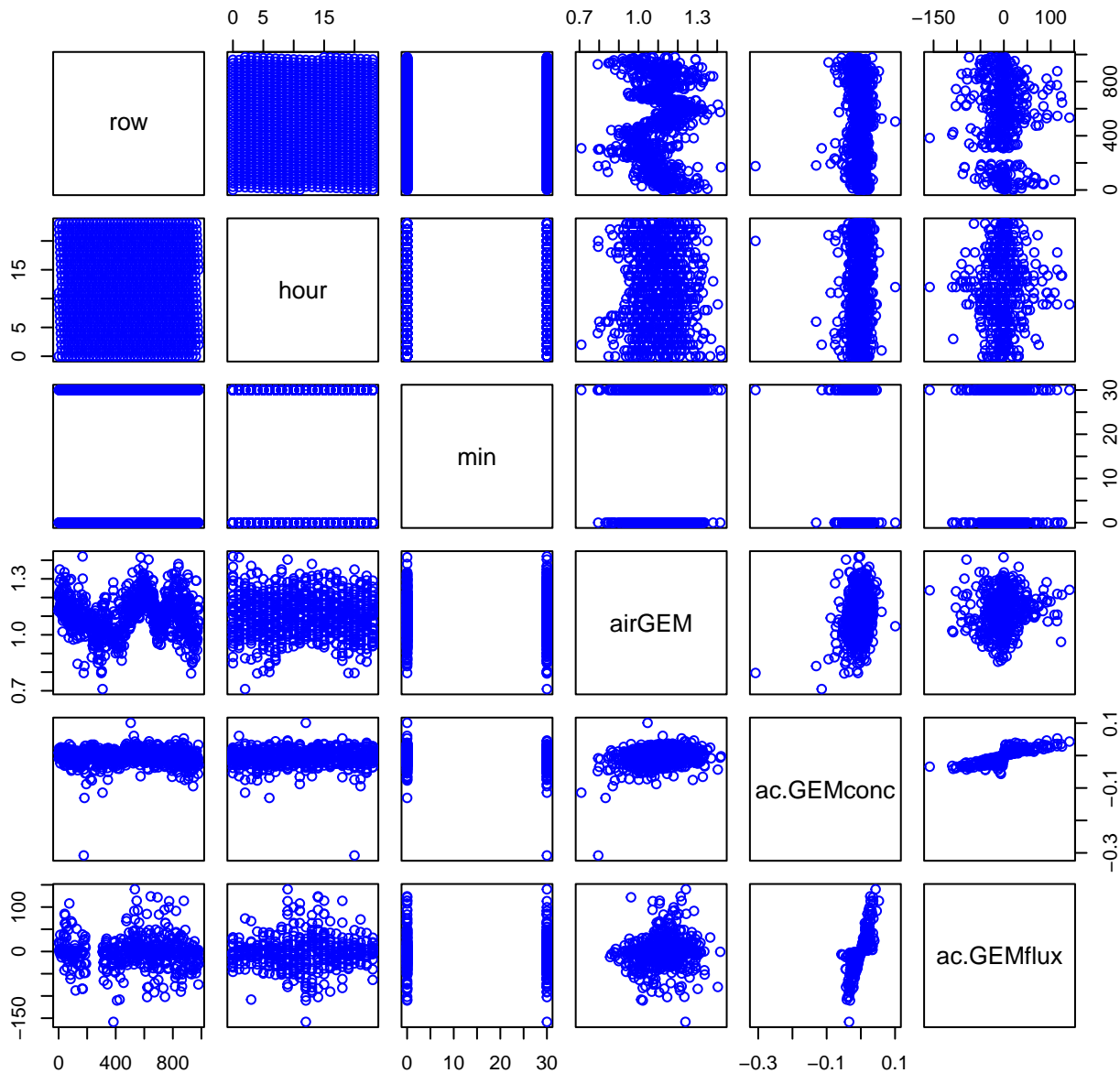
jday2018 = Julian Day (continuous numerical date), starting Jan. 1
2018 (number)
jtime2018 = Julian Time (continuous numerical day), starting Jan. 1,
2018 (number)
datetime = date and time
year = year
hour = hour (number)
min = minute (number)
airGEM = ambient air GEM concentration (nanogramPerCubicMeter)
ac.GEMconc = above-canopy GEM concentration difference (lower minus
upper inlet) (nanogramPerCubicMeter)
ac.GEMflux = above-canopy GEM flux raw
(nanogramPerMeterSquaredPerHour)
ac.GEMflux.outlier.rem = above-canopy GEM flux outlier removed
(nanogramPerMeterSquaredPerHour)
ac.GEMflux.outlier.interp = above-canopy GEM flux outlier removed
and interpolated (nanogramPerMeterSquaredPerHour)

Variable	Min	Median	Mean	Max	NAs
jday2018	486.000	700.000	709.284	955.000	1922
jtime2018	486.009	720.748	720.748	955.488	0
datetime	2019-05-01T00:00			2020-08-12T11:30	0
year	2019.000	2019.000	2019.478	2020.000	0
hour	0.000	11.000	11.494	23.000	0
min	0.000	15.000	15.000	30.000	0
airGEM	0.620	1.105	1.105	1.581	2607
ac.GEMconc	-0.308	-0.003	-0.004	0.222	2750
ac.GEMflux	-176.020	-1.244	-1.703	312.606	11459
ac.GEMflux.o	-155.721	-1.197	-2.020	159.534	12217
ac.GEMflux.o	-155.721	-1.706	-3.094	159.534	0

HF373-01 Plot 1



HF373-01 Plot 2



HF373-01 Plot 3

