Harvard Forest Data Archive HF209−02

Data File:

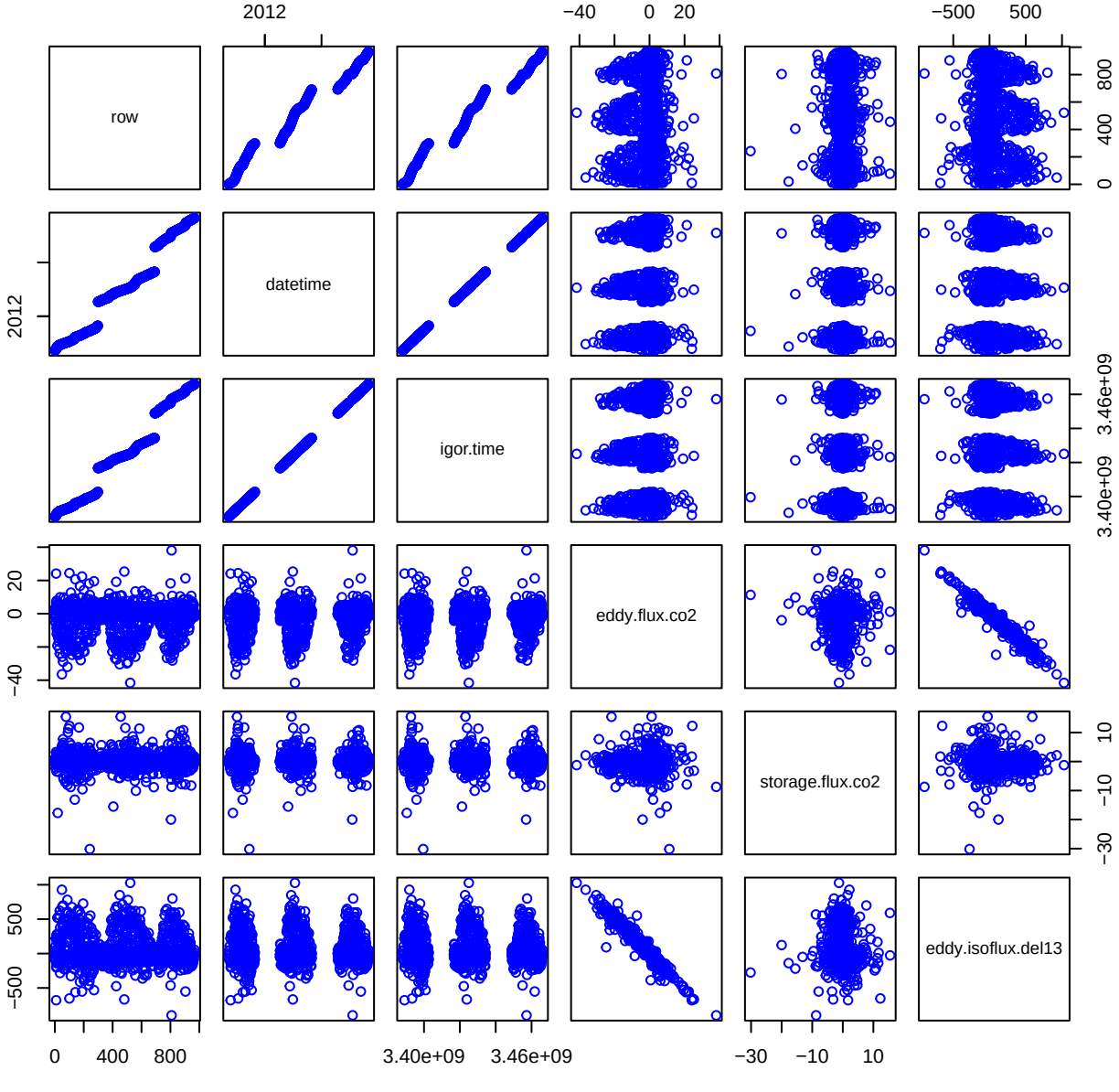
Name = hf209−02−corr−flux.csv
Description = corrected fluxes
Rows = 10637 Columns = 14
MD5 checksum = 0482f59313c4c264ec817c92edb94604

Variables:

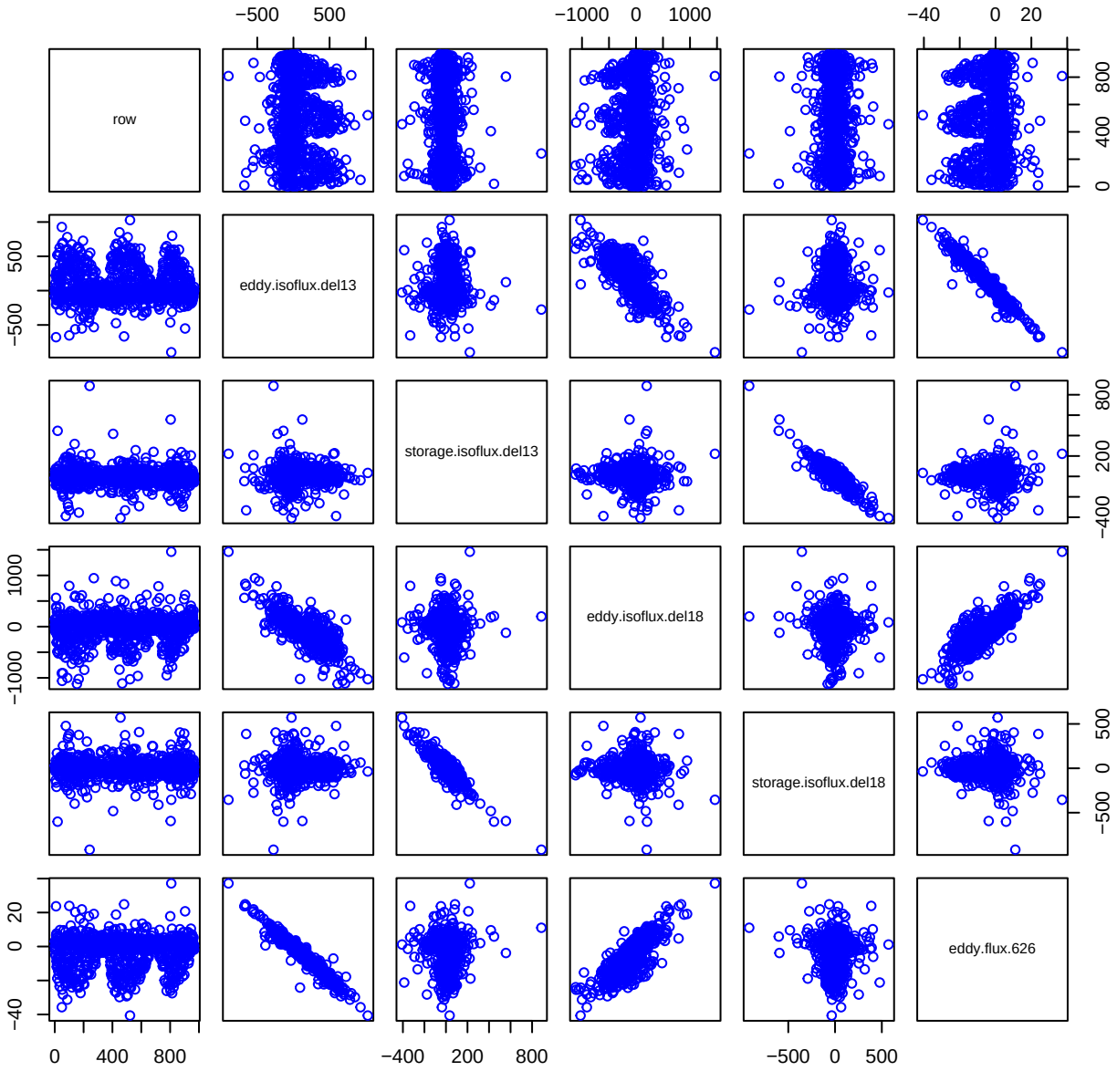
datetime = date and time stamps, mean value for the eddy flux
   integration period
igor.time = redundant date and time stamp, used by the Igor
   programming language (seconds since the start of January 1, 1904) (second)
eddy.flux.co2 = CO2 eddy flux past the sensor at 29m, corrected for
   high frequency signal attenuation (micromolePerMeterSquaredPerSecond)
storage.flux.co2 = CO2 storage flux, i.e. the increase in CO2
   storage below 29m (micromolePerMeterSquaredPerSecond)
eddy.isoflux.del13 = 13C−CO2 eddy isoflux past the sensor at 29m
   (permil umol/m2/s), corrected for high frequency signal attenuation
   (dimensionless)
storage.isoflux.del13 = 13C−CO2 storage isoflux, i.e. the increase
   in 13C−CO2 isostorage below 29m (permil umol/m2/s) (dimensionless)
eddy.isoflux.del18 = 18O−CO2 eddy isoflux past the sensor at 29m
   (permil umol/m2/s), corrected for high frequency signal attenuation
   (dimensionless)
storage.isoflux.del18 = 18O−CO2 storage isoflux, i.e. the increase
   in 18O−CO2 isostorage below 29m (permil umol/m2/s) (dimensionless)
eddy.flux.626 = eddy flux of the CO2 isotopologue 16O12C16O past the
   sensor at 29m, corrected for high frequency signal attenuation
   (micromolePerMeterSquaredPerSecond)
storage.flux.626 = storage flux of the CO2 isotopologue 16O12C16O,
   i.e. the increase in 16O12C16O storage below 29m
   (micromolePerMeterSquaredPerSecond)
eddy.flux.636 = eddy flux of the CO2 isotopologue 16O13C16O past the
   sensor at 29m, corrected for high frequency signal attenuation
   (micromolePerMeterSquaredPerSecond)
storage.flux.636 = storage flux of the CO2 isotopologue 16O13C16O,
   i.e. the increase in 16O13C16O storage below 29m
   (micromolePerMeterSquaredPerSecond)
eddy.flux.268 = eddy flux of the CO2 isotopologue 18O12C16O past the
   sensor at 29m, corrected for high frequency signal attenuation
   (micromolePerMeterSquaredPerSecond)
storage.flux.268 = storage flux of the CO2 isotopologue 18O12C16O,
   i.e. the increase in 18O12C16O storage below 29m
   (micromolePerMeterSquaredPerSecond)

Variable	Min	Median	Mean	Max	NAs
datetime	2011-05-13T21:15:12			2013-10-31T06:54:38	0
igor.time	3388166112	3423942988	3425443588	3466047279	0
eddy.flux.co	-41.591	0.454	-2.620	45.622	0
storage.flux	-37.004	-0.014	0.019	32.509	0
eddy.isoflux	-1226.872	-5.197	69.375	1027.820	0
storage.isof	-952.345	-0.220	-1.171	901.075	0
eddy.isoflux	-1284.453	29.062	-19.332	1461.763	0
storage.isof	-992.624	-0.702	-0.427	1088.096	0
eddy.flux.62	-40.614	0.445	-2.567	44.551	0
storage.flux	-36.426	-0.014	0.019	32.002	0
eddy.flux.63	-0.443	0.005	-0.028	0.485	0
storage.flux	-0.397	-0.000	0.000	0.348	0
eddy.flux.26	-0.167	0.002	-0.010	0.184	0
storage.flux	-0.150	-0.000	0.000	0.133	0

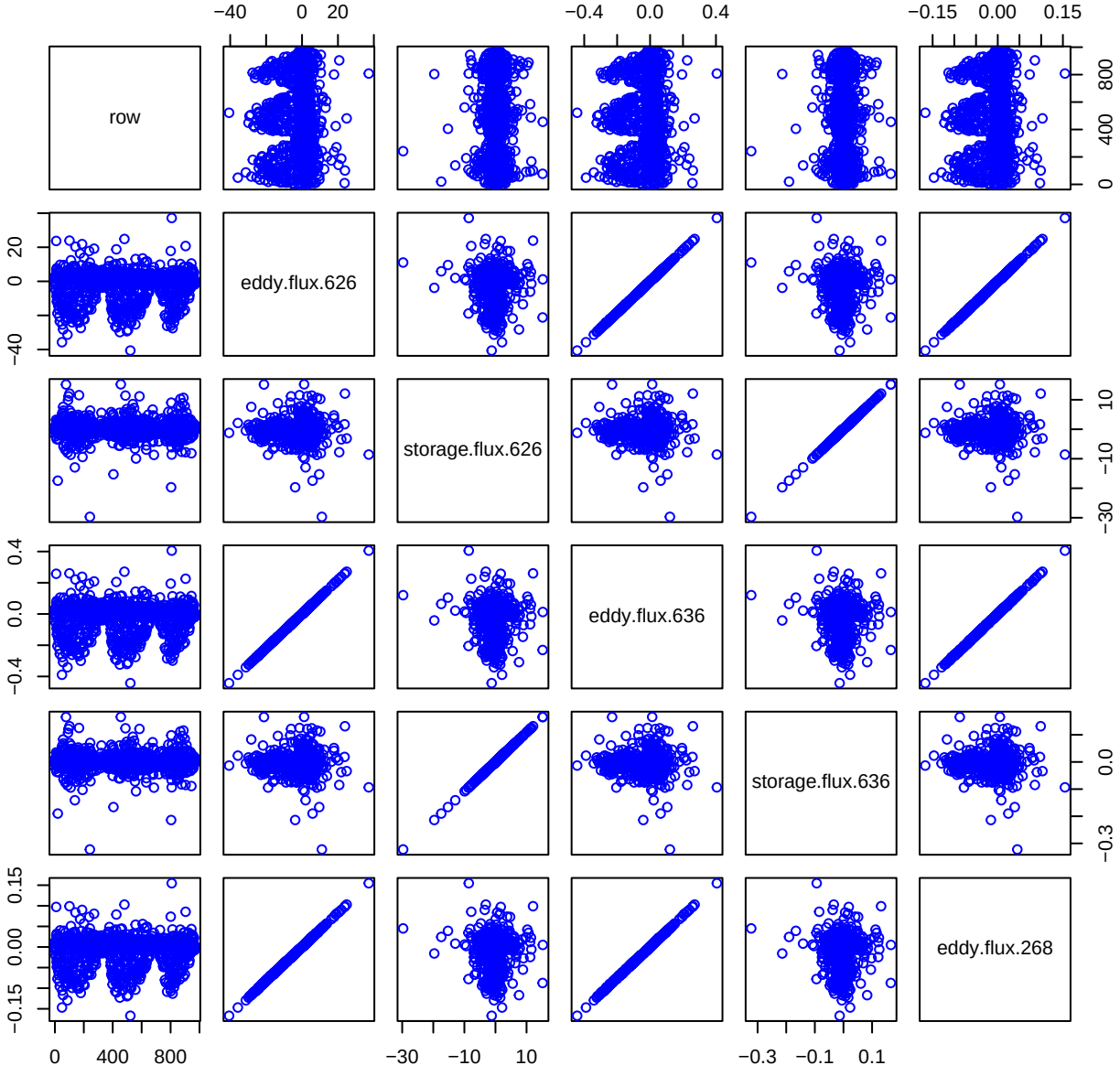
HF209−02 Plot 1



HF209−02 Plot 2



HF209−02 Plot 3



HF209−02 Plot 4