Harvard Forest Data Archive HF022-02

Data File:

Name = hf022-02-future_env_0m.csv
Description = future 2080 environmental data scenario with no sea level rise (0m)
Rows = 105692 Columns = 24
MD5 checksum = 9d890e7e9bef016e78868cef1a096b65

Variables:

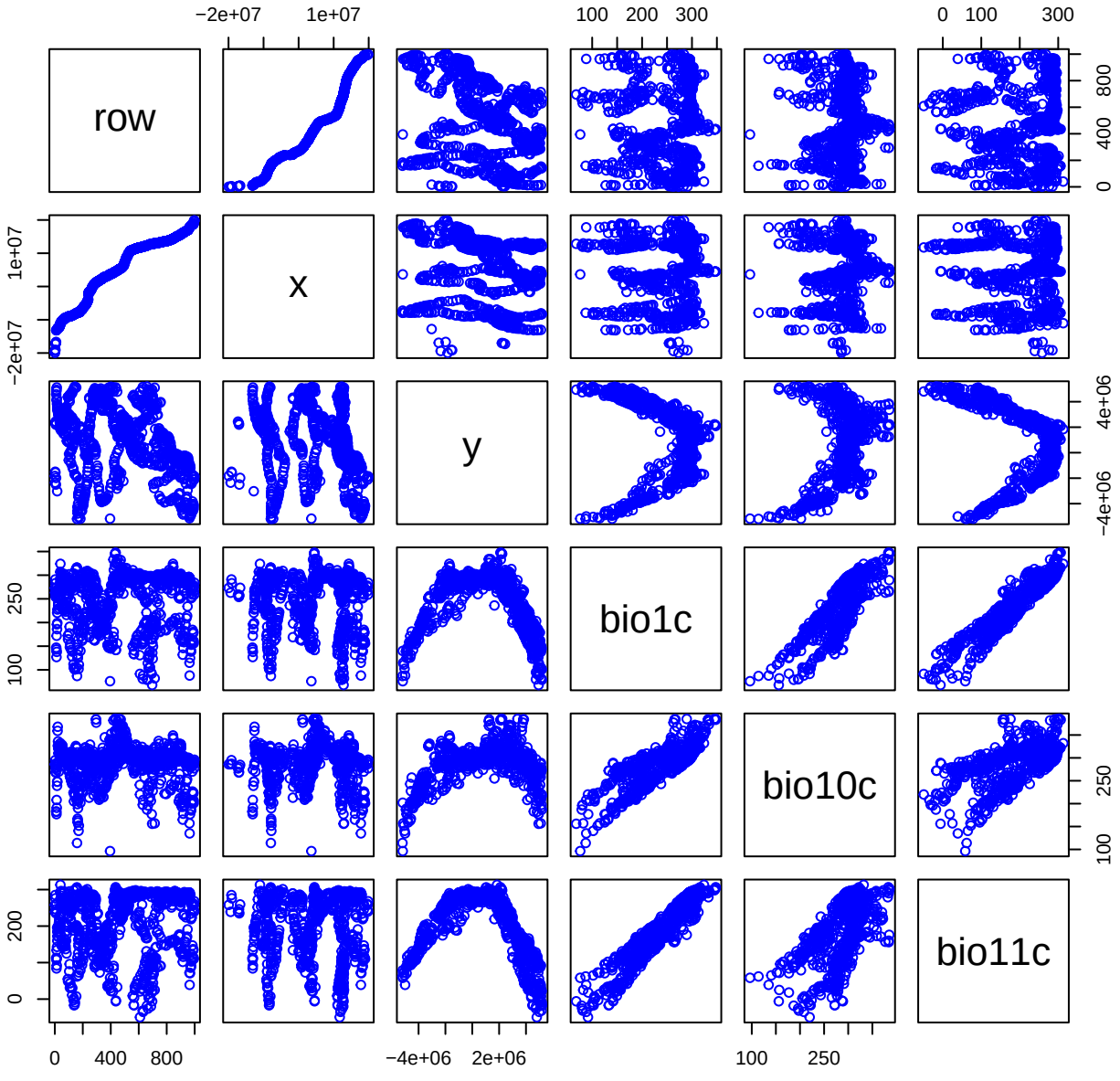
x = longitude in meters in Goode homolosine projection (meter)
y = latitude in meters in Goode homolosine projection (meter)
bio1c = annual mean temperature in degrees Celsius from NCAR CCSM3 A1b 2080 conditions (celsius)
bio10c = mean temperature of warmest quarter in degrees Celsius from NCAR CCSM3 A1b 2080 conditions (celsius)
bio11c = mean temperature of coldest quarter in degrees Celsius from NCAR CCSM3 A1b 2080 conditions (celsius)
bio12c = annual precipitation in mm from NCAR CCSM3 A1b 2080 conditions (millimeter)
bio13c = precipitation of wettest month in mm from NCAR CCSM3 A1b 2080 conditions (millimeter)
bio14c = precipitation of driest month in mm from NCAR CCSM3 A1b 2080 conditions (millimeter)
bio15c = precipitation seasonality in mm (coefficient of variation) from NCAR CCSM3 A1b 2080 conditions (millimeter)
bio16c = precipitation of wettest quarter in mm from NCAR CCSM3 A1b 2080 conditions (millimeter)
bio17c = precipitation of driest quarter in mm from NCAR CCSM3 A1b 2080 conditions (millimeter)
bio18c = precipitation of warmest quarter in mm from NCAR CCSM3 A1b 2080 conditions (millimeter)
bio19c = precipitation of coldest quarter in mm from NCAR CCSM3 A1b 2080 conditions (millimeter)
bio2c = mean diurnal range (Mean of monthly(max temp-mintemp)) from NCAR CCSM3 A1b 2080 conditions (celsius)
bio3c = isothermality (BIO2/BIO7)(*100) from NCAR CCSM3 A1b 2080 conditions (dimensionless)
bio4c = temperature seasonality in degrees Celsius (standard deviation *100) from NCAR CCSM3 A1b 2080 conditions (celsius)
bio5c = max temperature in degrees Celsius of warmest month from NCAR CCSM3 A1b 2080 conditions (celsius)
bio6c = min temperature in degrees Celsius of coldest month from NCAR CCSM3 A1b 2080 conditions (celsius)
bio7c = temperature annual range in degrees Celsius (BIO5-BIO6) from NCAR CCSM3 A1b 2080 conditions (celsius)
bio8c = mean temperature in degrees Celsius of wettest quarter from NCAR CCSM3 A1b 2080 conditions (celsius)
bio9c = mean temperature in degrees Celsius of driest quarter from NCAR CCSM3 A1b 2080 conditions (celsius)

flacc = flow accumulation (i.e. river discharge) in mm weighted by mean annual rainfall calculated from NCAR CCSM3 A1b 2080 conditions (millimeter)

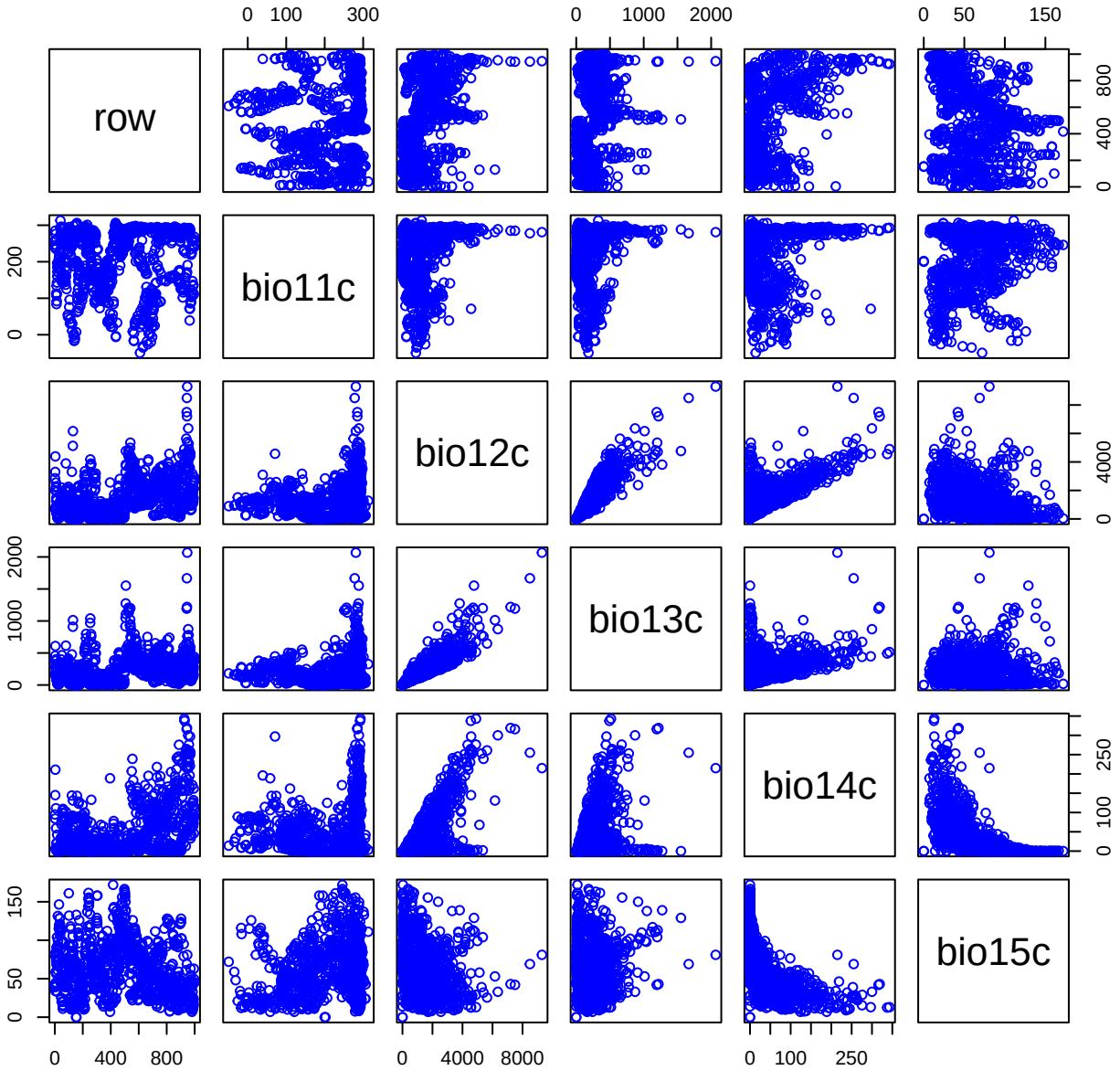
htidesc = horizontal tide estimated by dividing vertical tidal amplitude by slope, where vertical tides were obtained by summing the primary tidal amplitude constituents, M2 and K1. Primary tidal amplit constituents came from the NASA Planetary Geodynamics lab, and slope obtained from global bathymetry and topography digital elevation mode (meter)

Variable	Min	Median	Mean	Max	NAs
x	−19944666	7304073	5356102	19854340	0
y	−5197608	1193032	974941	5195818	0
bio1c	19.000	279.000	250.343	352.000	0
bio10c	69.000	298.333	289.681	414.000	0
bio11c	−52.000	246.500	209.318	317.000	0
bio12c	0.000	1304.000	1525.644	9560.000	0
bio13c	0.000	220.500	258.411	2114.000	0
bio14c	0.000	21.000	46.593	386.000	0
bio15c	0.000	59.000	63.190	259.000	0
bio16c	0.000	571.000	672.000	5396.000	0
bio17c	0.000	83.500	166.470	1349.000	0
bio18c	0.000	353.000	375.589	1876.000	0
bio19c	0.000	198.000	347.993	5396.000	0
bio2c	27.000	83.000	87.154	183.000	0
bio3c	16.000	56.500	55.431	94.000	0
bio4c	119.000	2322.000	3163.135	11717.000	0
bio5c	97.000	344.000	340.713	508.000	0
bio6c	−107.000	190.500	160.946	282.000	0
bio7c	54.000	160.000	179.767	450.000	0
bio8c	5.000	286.000	253.734	408.000	0
bio9c	−52.000	277.000	248.746	396.000	0
flacc	0	8565	431009	689122600	0
htidesc	0.000	0.001	0.005	4.277	0

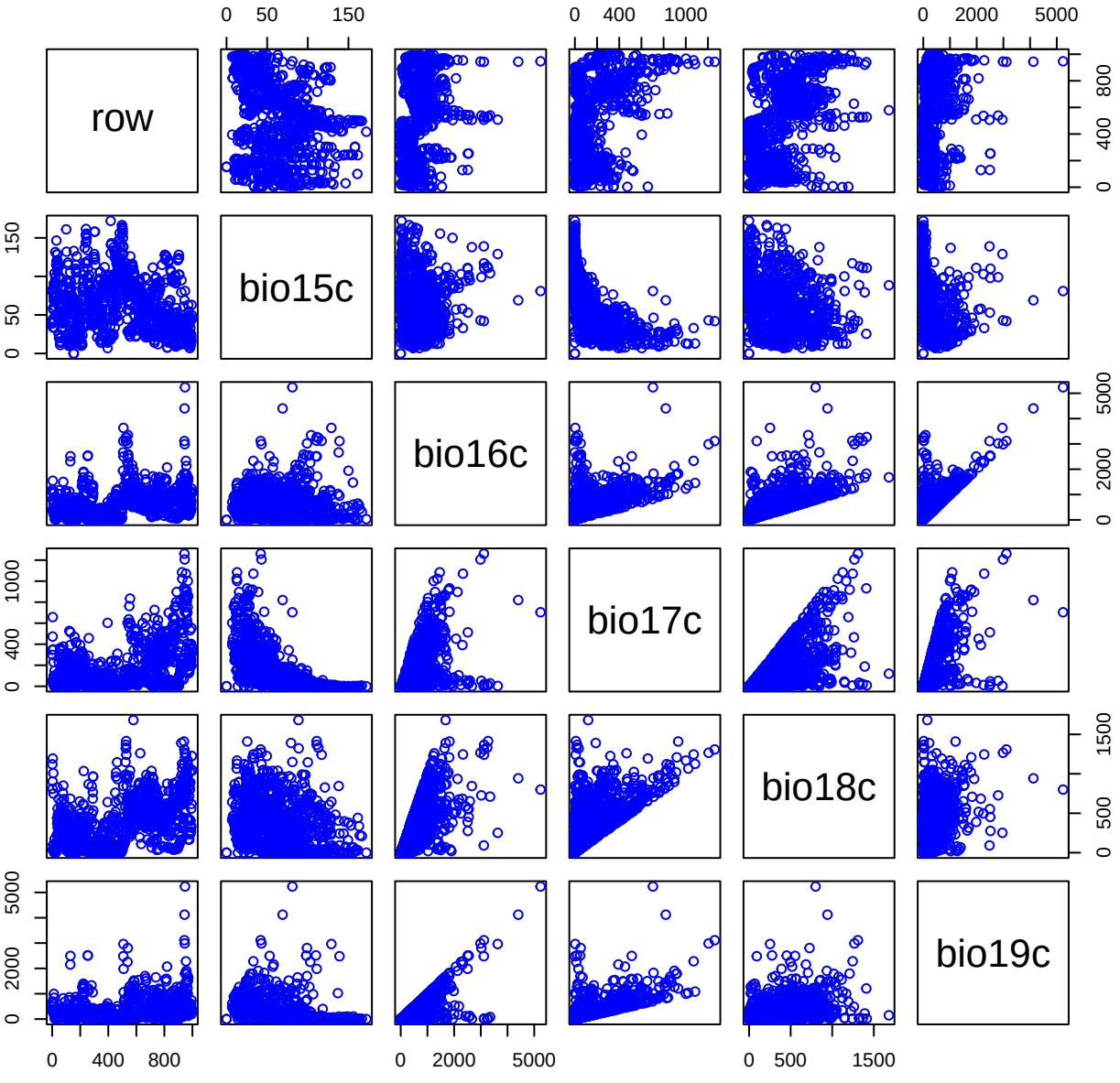
HF022−02 Plot 1



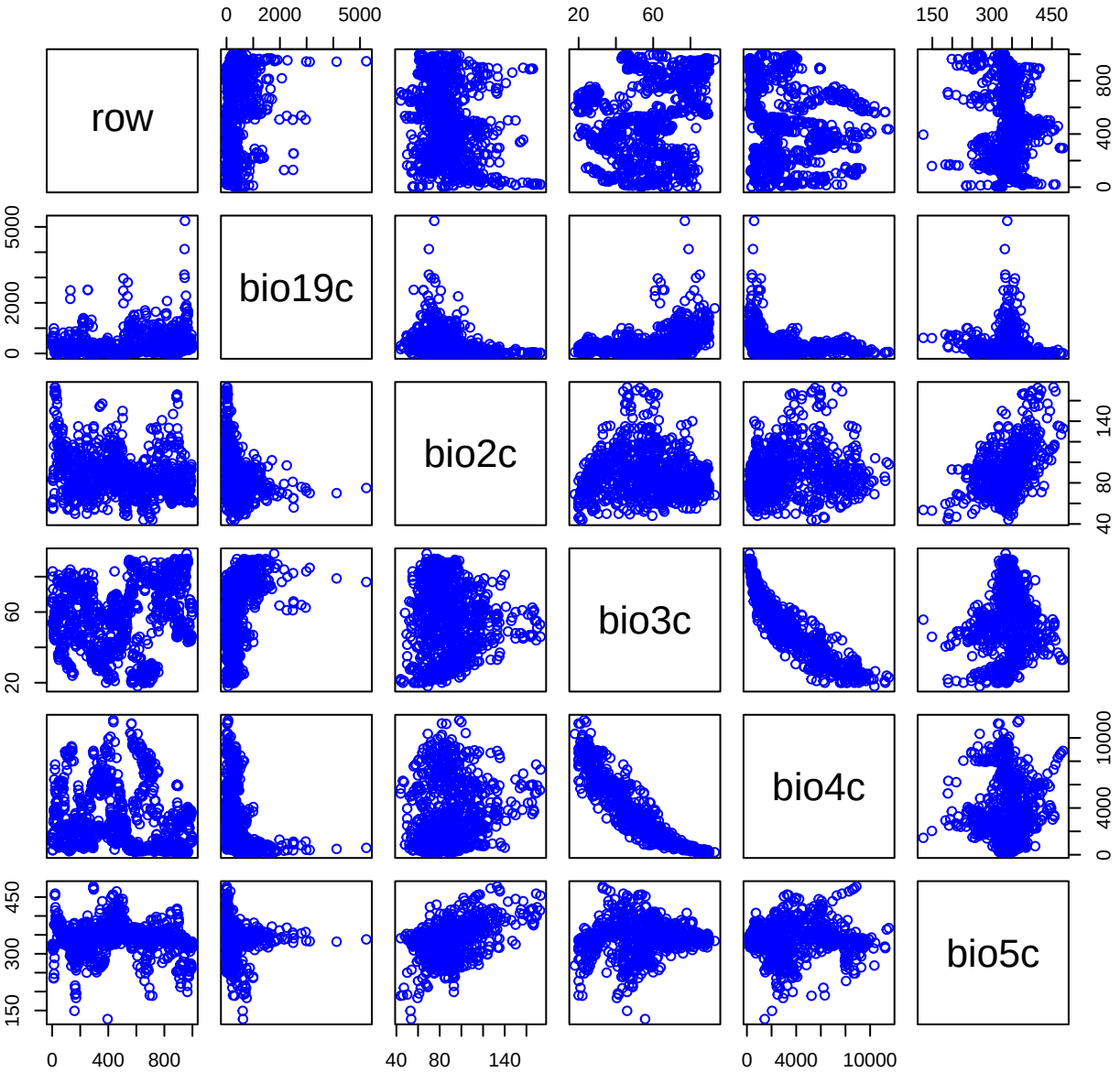
HF022−02 Plot 2



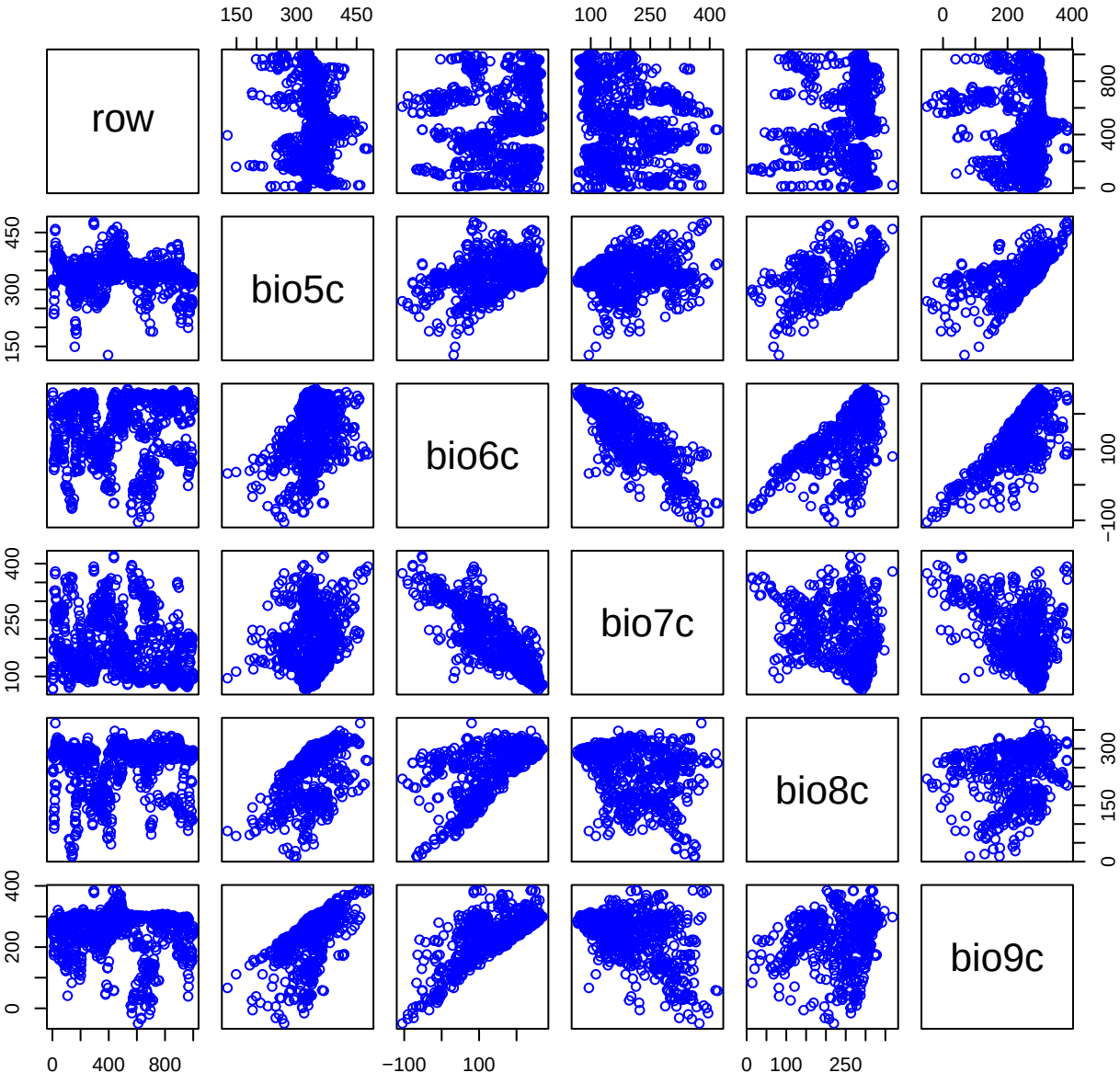
HF022−02 Plot 3



HF022−02 Plot 4



HF022−02 Plot 5



HF022−02 Plot 6