Harvard Forest Data Archive HF022-01

Data File:

Name = hf022-01-current_env_0m.csv
Description = current environmental data with no sea level rise (0m)
Rows = 105692 Columns = 24
MD5 checksum = e4e932461722e542d186239bf2ca708d

Variables:

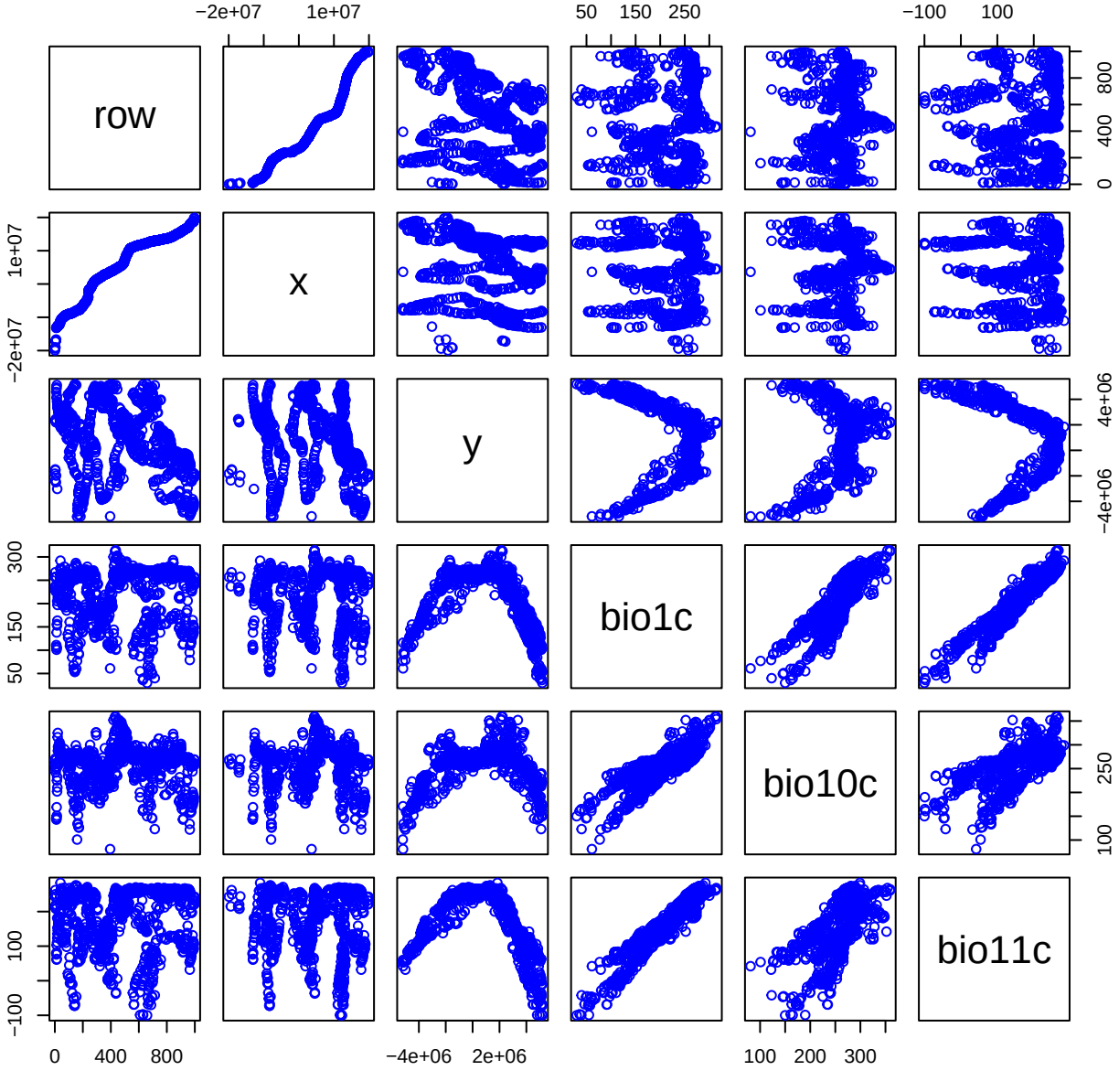
x = longitude in meters in Goode homolosine projection (meter)
y = latitude in meters in Goode homolosine projection (meter)
bio1c = annual mean temperature in degrees Celsius from WorldClim
   for current conditions (1950-2000) (celsius)
bio10c = mean temperature of warmest quarter in degrees Celsius from
   WorldClim for current conditions (1950-2000) (celsius)
bio11c = mean temperature of coldest quarter in degrees Celsius from
   WorldClim for current conditions (1950-2000) (celsius)
bio12c = annual precipitation in mm from WorldClim for current
   conditions (1950-2000) (millimeter)
bio13c = precipitation of wettest month in mm from WorldClim for
   current conditions (1950-2000) (millimeter)
bio14c = precipitation of driest month in mm from WorldClim for
   current conditions (1950-2000) (millimeter)
bio15c = precipitation seasonality in mm (coefficient of variation)
   from WorldClim for current conditions (1950-2000) (millimeter)
bio16c = precipitation of wettest quarter in mm from WorldClim for
   current conditions (1950-2000) (millimeter)
bio17c = precipitation of driest quarter in mm from WorldClim for
   current conditions (1950-2000) (millimeter)
bio18c = precipitation of warmest quarter in mm from WorldClim for
   current conditions (1950-2000) (millimeter)
bio19c = precipitation of coldest quarter in mm from WorldClim for
   current conditions (1950-2000) (millimeter)
bio2c = mean diurnal range (Mean of monthly(max temp-mintemp)) from
   WorldClim for current conditions (1950-2000) (celsius)
bio3c = isothermality (BIO2/BIO7)(*100) from WorldClim for current
   conditions (1950-2000) (dimensionless)
bio4c = temperature seasonality in degrees Celsius (standard
   deviation *100) from WorldClim for current conditions (1950-2000) (celsius)
bio5c = max temperature in degrees Celsius of warmest month from
   WorldClim for current conditions (1950-2000) (celsius)
bio6c = min temperature in degrees Celsius of coldest month from
   WorldClim for current conditions (1950-2000) (celsius)
bio7c = temperature annual range in degrees Celsius (BIO5-BIO6) from
   WorldClim for current conditions (1950-2000) (celsius)
bio8c = mean temperature in degrees Celsius of wettest quarter from
   WorldClim for current conditions (1950-2000) (celsius)
bio9c = mean temperature in degrees Celsius of driest quarter from
   WorldClim for current conditions (1950-2000) (celsius)

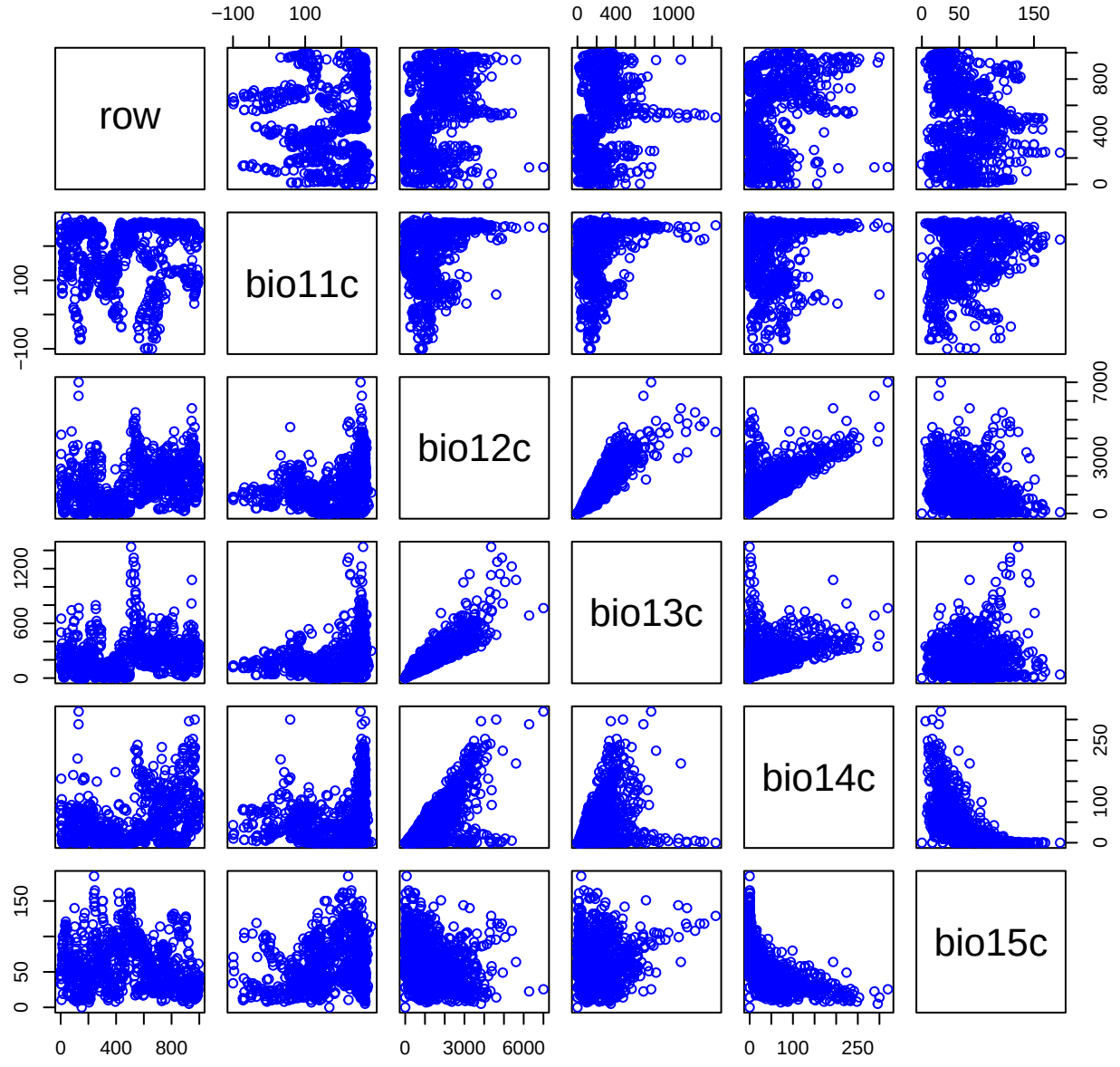
flacc = flow accumulation (i.e. river discharge) in mm weighted by mean annual rainfall calculated from WorldClim for current conditions (1950–2000) (millimeter)

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)

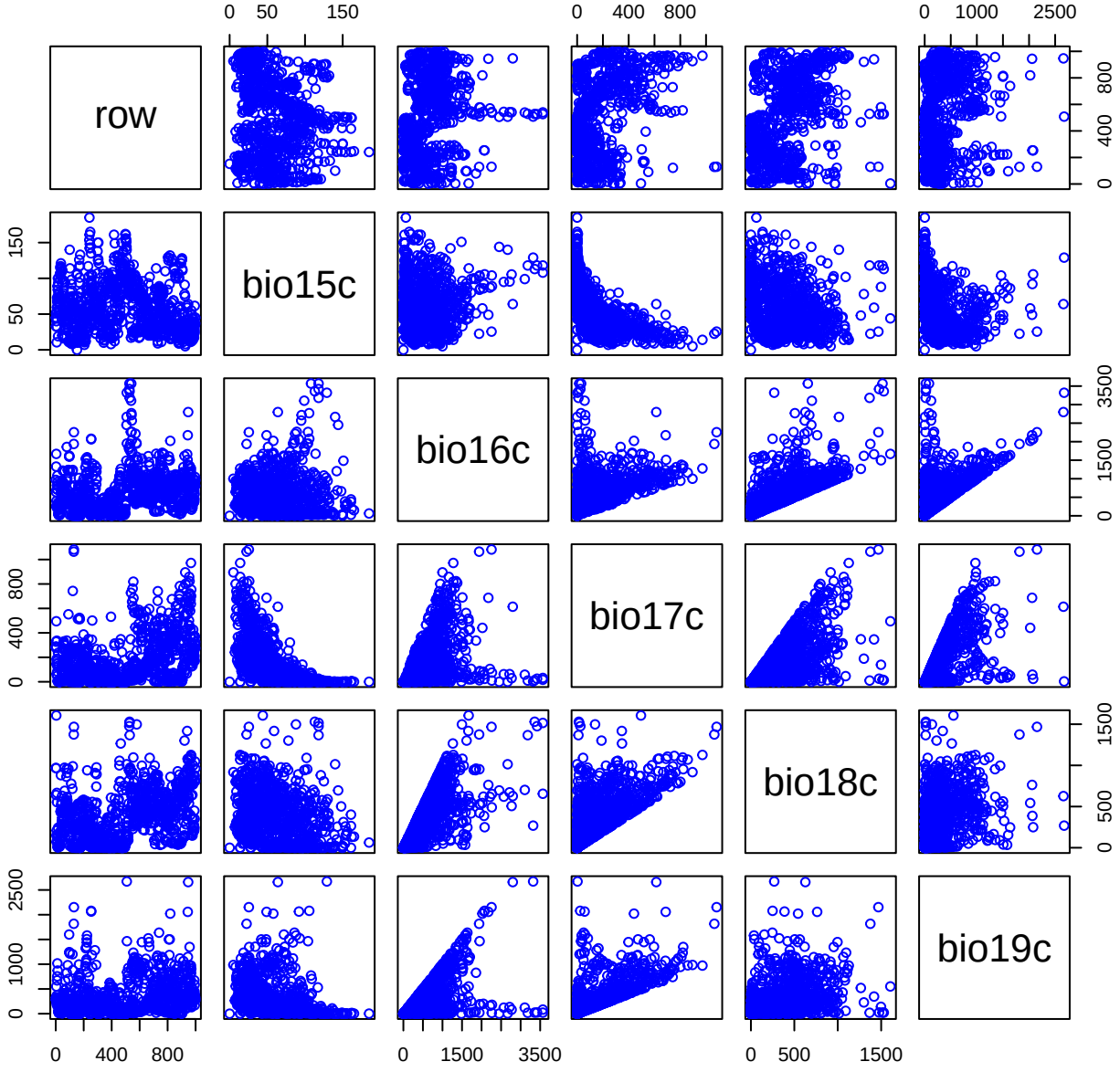
Variable	Min	Median	Mean	Max	NAs
x	−19944666	7304073	5356102	19854340	0
y	−5197608	1193032	974941	5195818	0
bio1c	−18.000	252.000	220.728	319.000	0
bio10c	55.000	270.000	258.876	366.000	0
bio11c	−109.000	216.250	180.053	286.000	0
bio12c	0.000	1285.000	1486.701	7406.000	0
bio13c	0.000	214.000	243.127	1533.000	0
bio14c	0.000	27.000	47.169	370.000	0
bio15c	0.000	54.667	60.320	259.000	0
bio16c	0.000	557.000	643.406	3802.000	0
bio17c	0.000	102.000	164.933	1203.000	0
bio18c	0.000	356.000	372.384	1948.000	0
bio19c	0.000	211.000	327.451	3173.000	0
bio2c	27.000	84.000	87.660	182.000	0
bio3c	17.000	56.000	56.344	94.000	0
bio4c	100.000	2352.000	3097.347	11890.000	0
bio5c	85.000	316.000	310.063	455.000	0
bio6c	−173.000	161.000	132.299	254.000	0
bio7c	54.000	159.000	177.732	432.000	0
bio8c	−47.000	260.000	223.791	361.000	0
bio9c	−108.000	245.000	217.629	361.000	0
flacc	0	7572	405739	696597200	0
htidesc	0.000	0.001	0.005	4.277	0

HF022−01 Plot 1

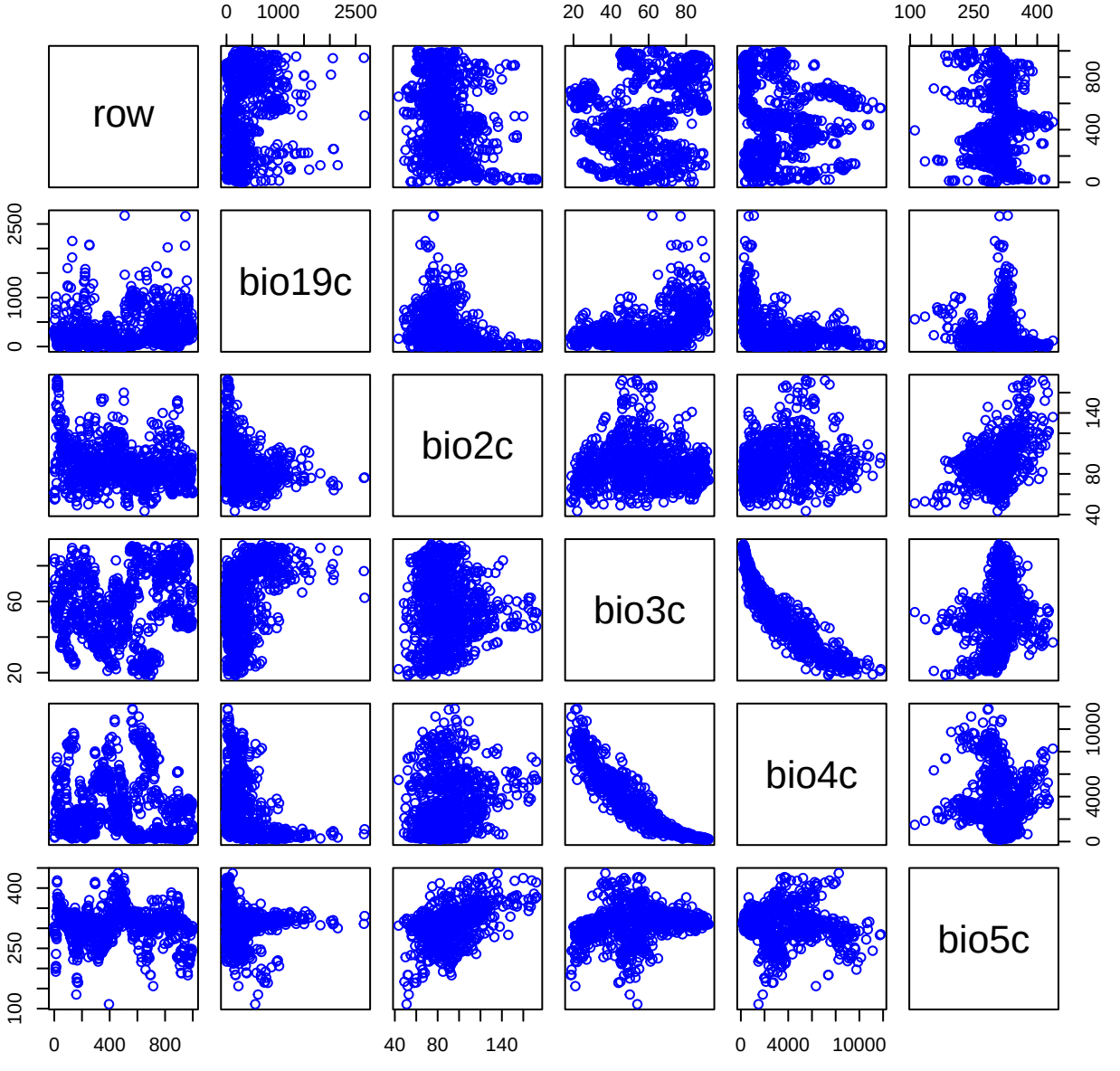



HF022−01 Plot 2
row
bio11c
bio12c
bio13c
bio14c
bio15c
−100
100
0
400
1000
0
50
150
800
−100
100
7000
3000
0
1200
600
0
250
100
0
150
50
0
0
400
800
0
3000
6000
0
100
250

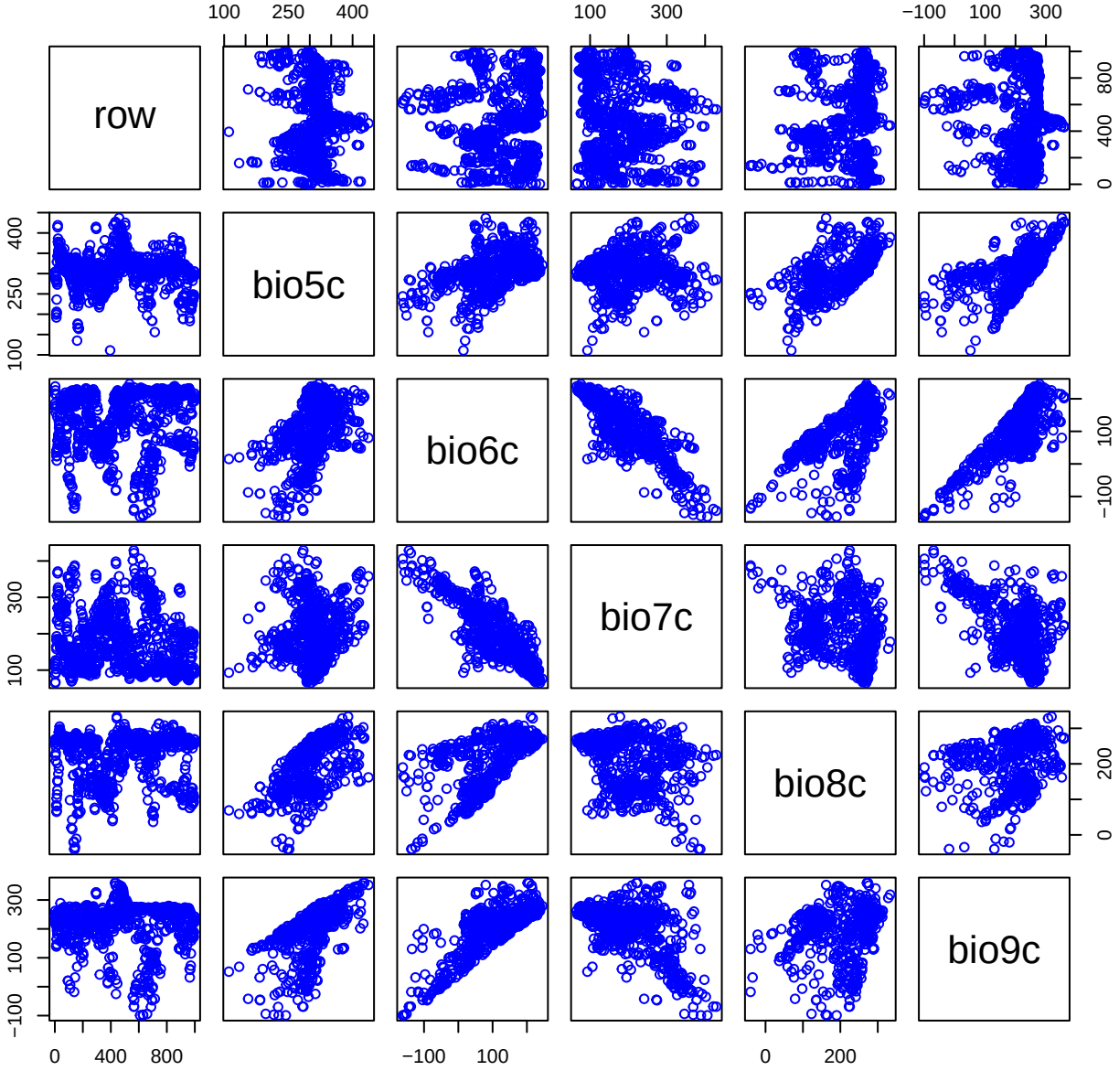
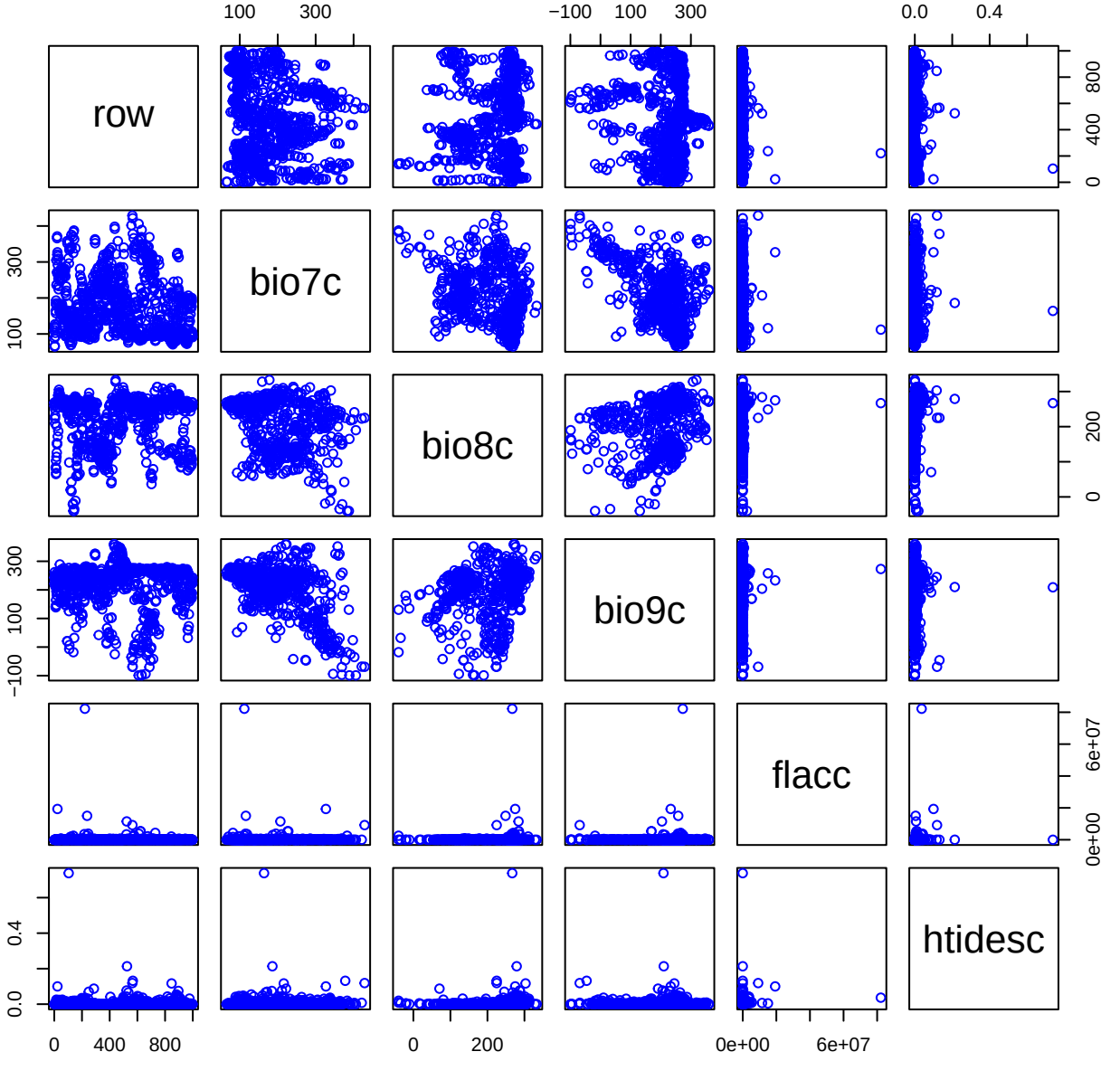
HF022−01 Plot 3



HF022−01 Plot 4



HF022−01 Plot 5



HF022−01 Plot 6