

Harvard Forest Data Archive HF022-03

Data File:

Name = hf022-03-future\_env\_lm.csv

Description = future 2080 environmental data scenario with 1m sea level rise

Rows = 106452 Columns = 24

MD5 checksum = 45eaba408a0492024f22368392fca002

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 Alb 2080 conditions with 1m of sea level rise (celsius)  
bio10c = mean temperature of warmest quarter in degrees Celsius from NCAR CCSM3 Alb 2080 conditions with 1m of sea level rise (celsius)  
bio11c = mean temperature of coldest quarter in degrees Celsius from NCAR CCSM3 Alb 2080 conditions with 1m of sea level rise (celsius)  
bio12c = annual precipitation in mm from NCAR CCSM3 Alb 2080 conditions with 1m of sea level rise (millimeter)  
bio13c = precipitation of wettest month in mm from NCAR CCSM3 Alb 2080 conditions with 1m of sea level rise (millimeter)  
bio14c = precipitation of driest month in mm from NCAR CCSM3 Alb 2080 conditions with 1m of sea level rise (millimeter)  
bio15c = precipitation seasonality in mm (coefficient of variation) from NCAR CCSM3 Alb 2080 conditions with 1m of sea level rise (millimeter)  
bio16c = precipitation of wettest quarter in mm from NCAR CCSM3 Alb 2080 conditions with 1m of sea level rise (millimeter)  
bio17c = precipitation of driest quarter in mm from NCAR CCSM3 Alb 2080 conditions with 1m of sea level rise (millimeter)  
bio18c = precipitation of warmest quarter in mm from NCAR CCSM3 Alb 2080 conditions with 1m of sea level rise (millimeter)  
bio19c = precipitation of coldest quarter in mm from NCAR CCSM3 Alb 2080 conditions with 1m of sea level rise (millimeter)  
bio2c = mean diurnal range (Mean of monthly(max temp-min temp)) from NCAR CCSM3 Alb 2080 conditions with 1m of sea level rise (celsius)  
bio3c = isothermality (BIO2/BIO7)(\*100) from NCAR CCSM3 Alb 2080 conditions with 1m of sea level rise (dimensionless)  
bio4c = temperature seasonality in degrees Celsius (standard deviation \*100) from NCAR CCSM3 Alb 2080 conditions with 1m of sea level rise (celsius)  
bio5c = max temperature in degrees Celsius of warmest month from NCAR CCSM3 Alb 2080 conditions with 1m of sea level rise (celsius)  
bio6c = min temperature in degrees Celsius of coldest month from NCAR CCSM3 Alb 2080 conditions with 1m of sea level rise (celsius)  
bio7c = temperature annual range in degrees Celsius (BIO5-BIO6) from NCAR CCSM3 Alb 2080 conditions with 1m of sea level rise (celsius)  
bio8c = mean temperature in degrees Celsius of wettest quarter from NCAR CCSM3 Alb 2080 conditions with 1m of sea level rise (celsius)

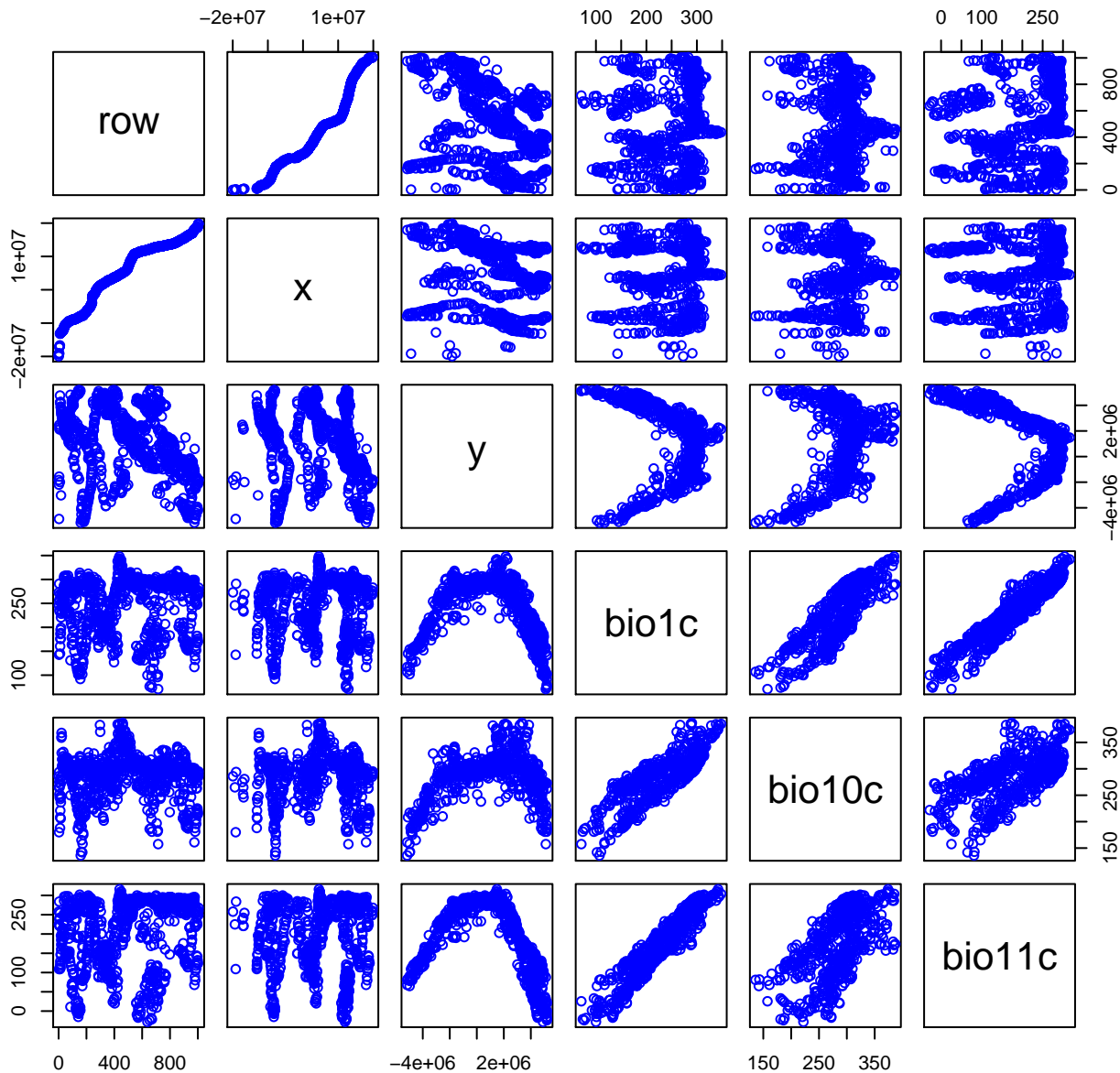
bio9c = mean temperature in degrees Celsius of driest quarter from  
NCAR CCSM3 Alb 2080 conditions with 1m of sea level rise (celsius)

flac = flow accumulation (i.e. river discharge) in mm weighted by  
mean annual rainfall calculated from NCAR CCSM3 Alb 2080 conditions  
with 1m of sea level rise (millimeter)

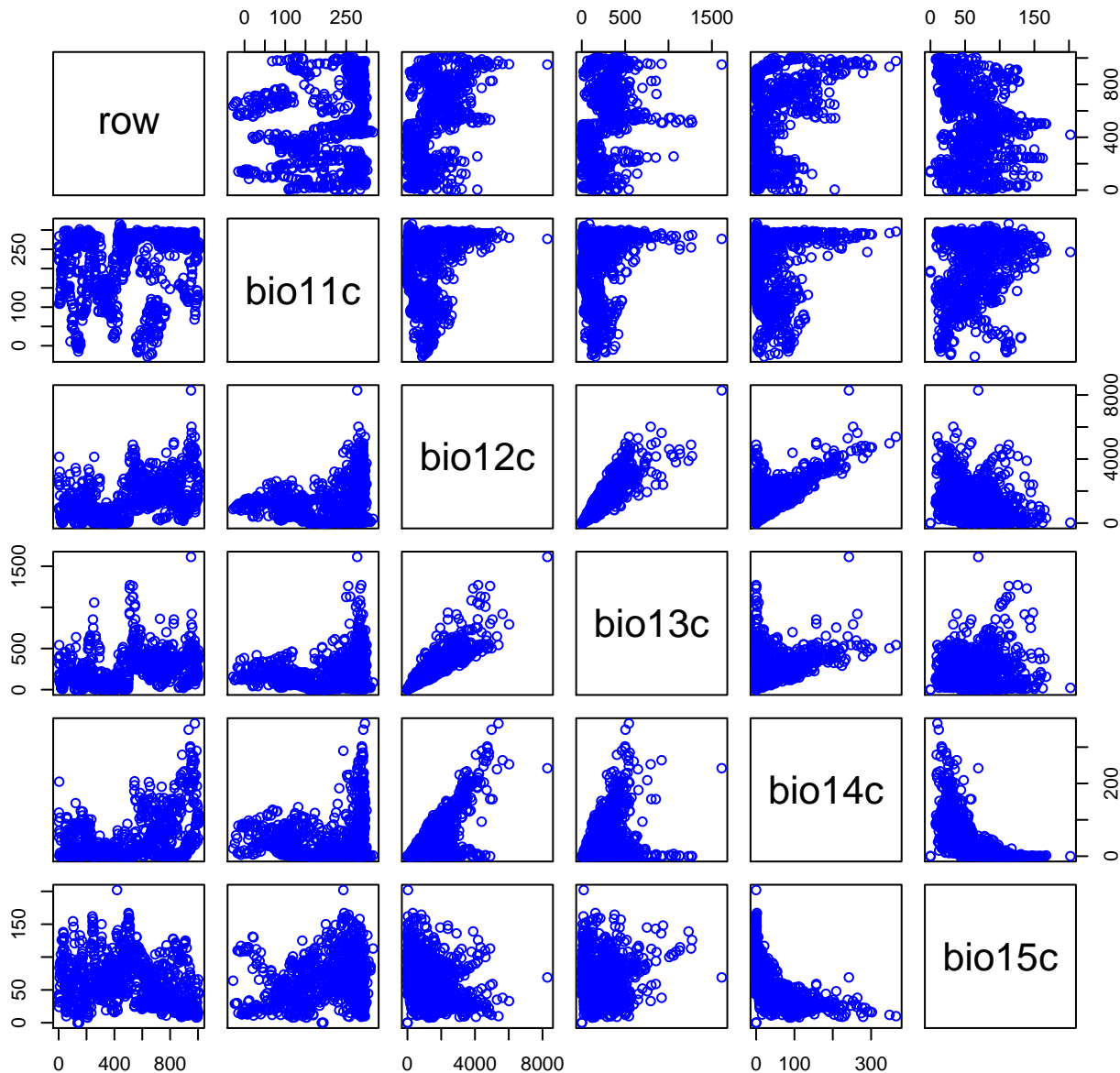
htidesc = horizontal tide estimated by dividing vertical tidal  
amplitude by slope, where vertical tides were obtained by summing the  
primary tidal amplitude constituents, M2 and K1. Primary tidal amplitu  
constituents came from the NASA Planetary Geodynamics lab, and slope v  
obtained from global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

Variable	Min	Median	Mean	Max	NAs
x	-19944644	7332162	5359756	19854362	0
y	-5197608	1193032	980719	5195818	0
bio1c	19.000	279.000	250.383	352.000	0
bio10c	69.000	298.500	289.824	414.000	0
bio11c	-52.000	246.000	209.232	317.000	0
bio12c	0.000	1308.000	1528.362	9560.000	0
bio13c	0.000	222.000	259.377	2114.000	0
bio14c	0.000	21.000	46.437	386.000	0
bio15c	0.000	59.667	63.332	259.000	0
bio16c	0.000	575.000	674.520	5396.000	0
bio17c	0.000	83.000	165.934	1349.000	0
bio18c	0.000	353.000	375.929	1876.000	0
bio19c	0.000	198.000	348.205	5396.000	0
bio2c	27.000	83.000	87.345	183.000	0
bio3c	16.000	56.000	55.403	94.000	0
bio4c	119.000	2328.250	3172.079	11717.000	0
bio5c	97.000	344.000	340.982	508.000	0
bio6c	-107.000	190.000	160.716	282.000	0
bio7c	54.000	160.500	180.265	450.000	0
bio8c	5.000	286.500	253.811	408.000	0
bio9c	-52.000	277.000	248.741	396.000	0
flac	0	9132	516855	696597200	0
htidesc	0.000	0.001	0.005	2.700	0

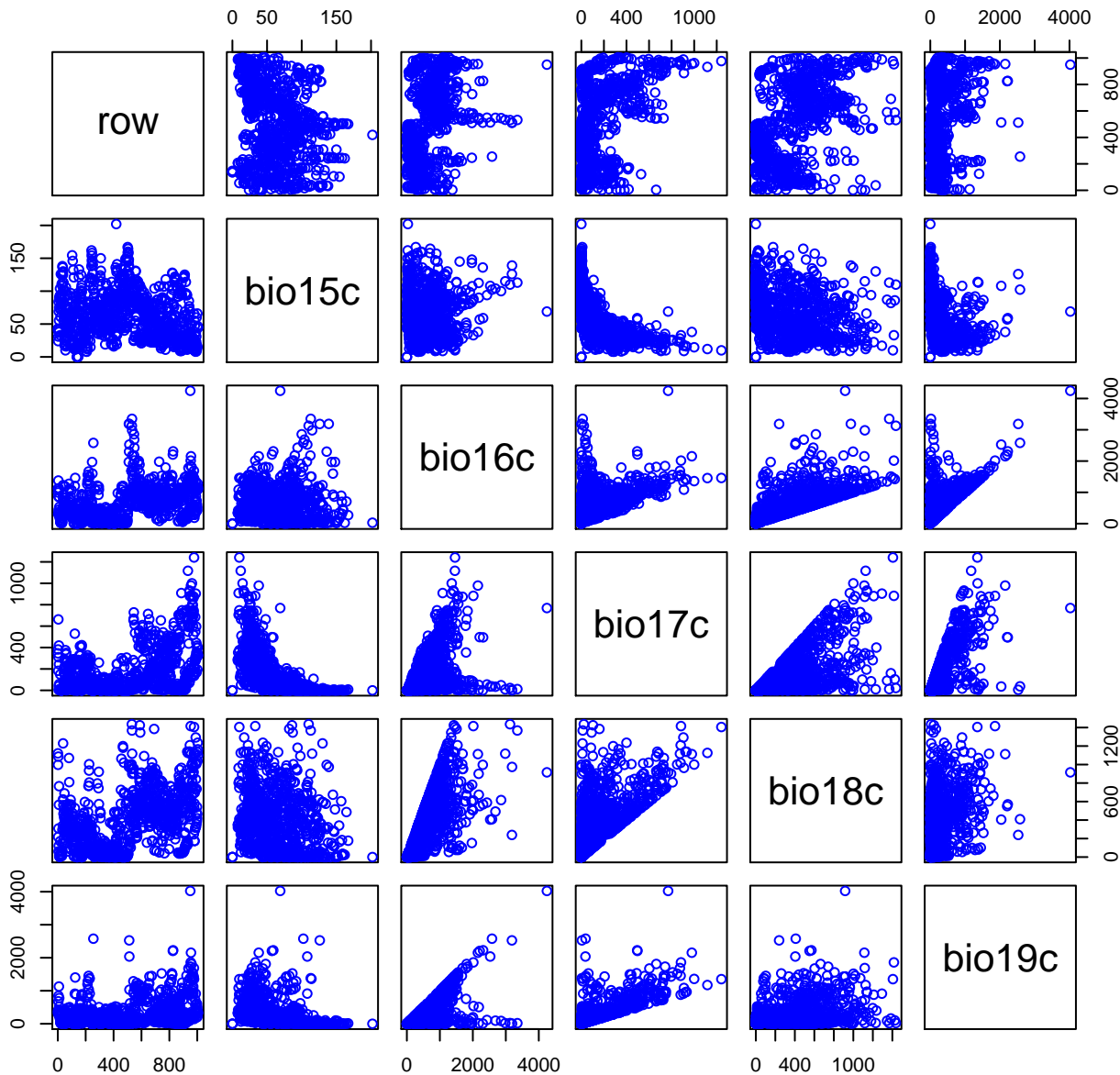
# HF022-03 Plot 1



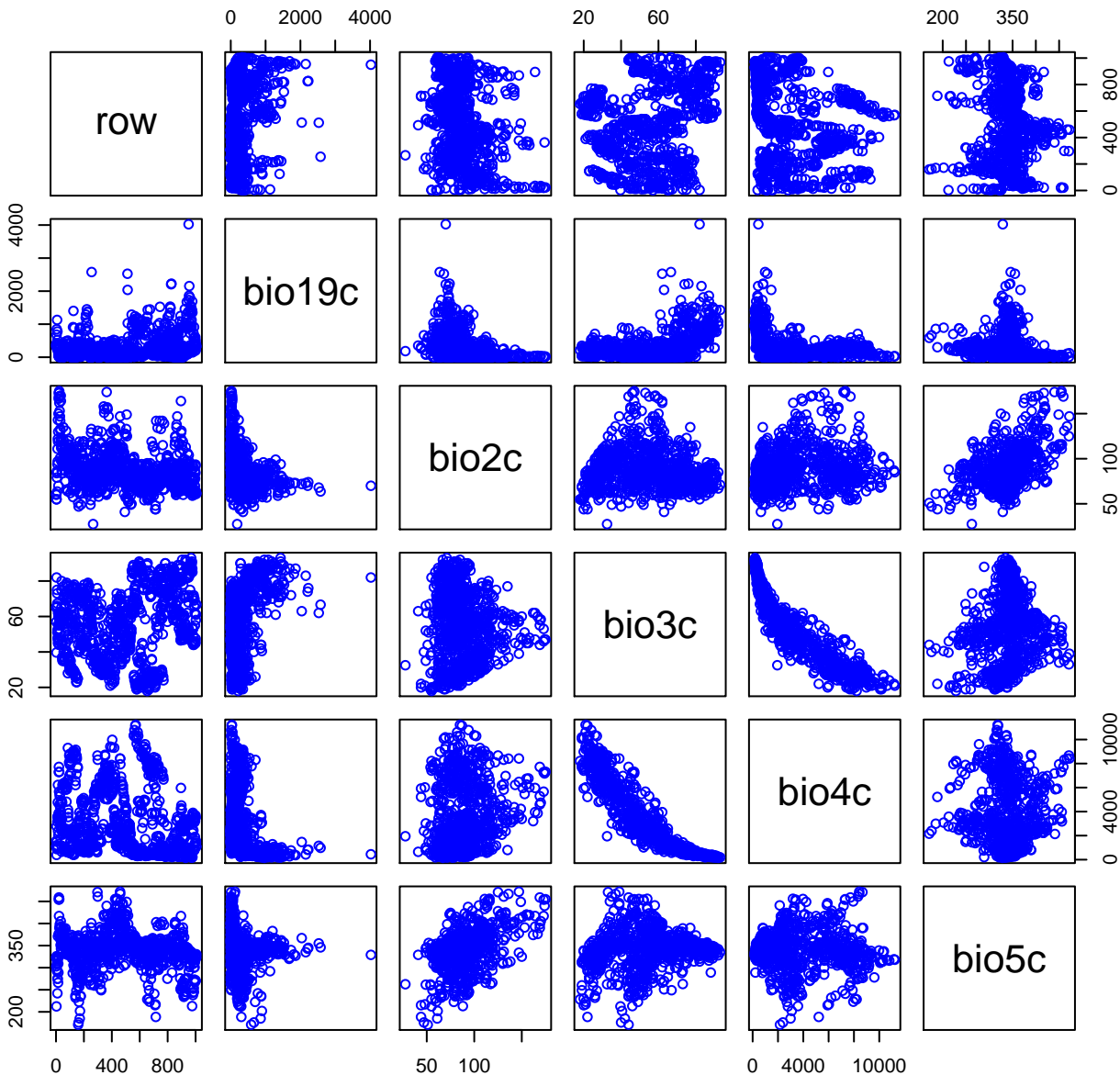
# HF022-03 Plot 2



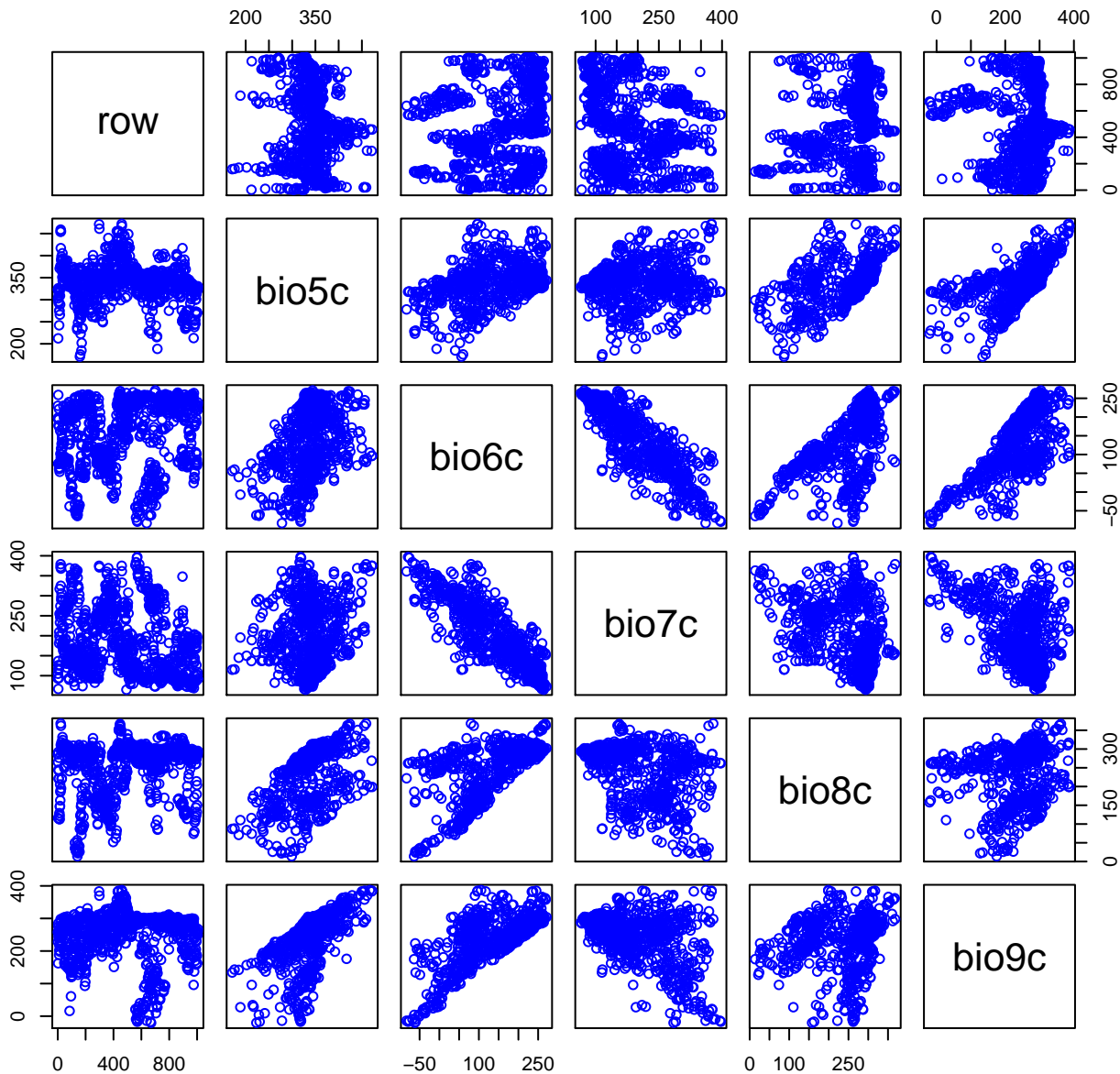
# HF022-03 Plot 3



# HF022-03 Plot 4



# HF022-03 Plot 5





# HF022-03 Plot 6

