

Harvard Forest Data Archive HF451-01

Data File:

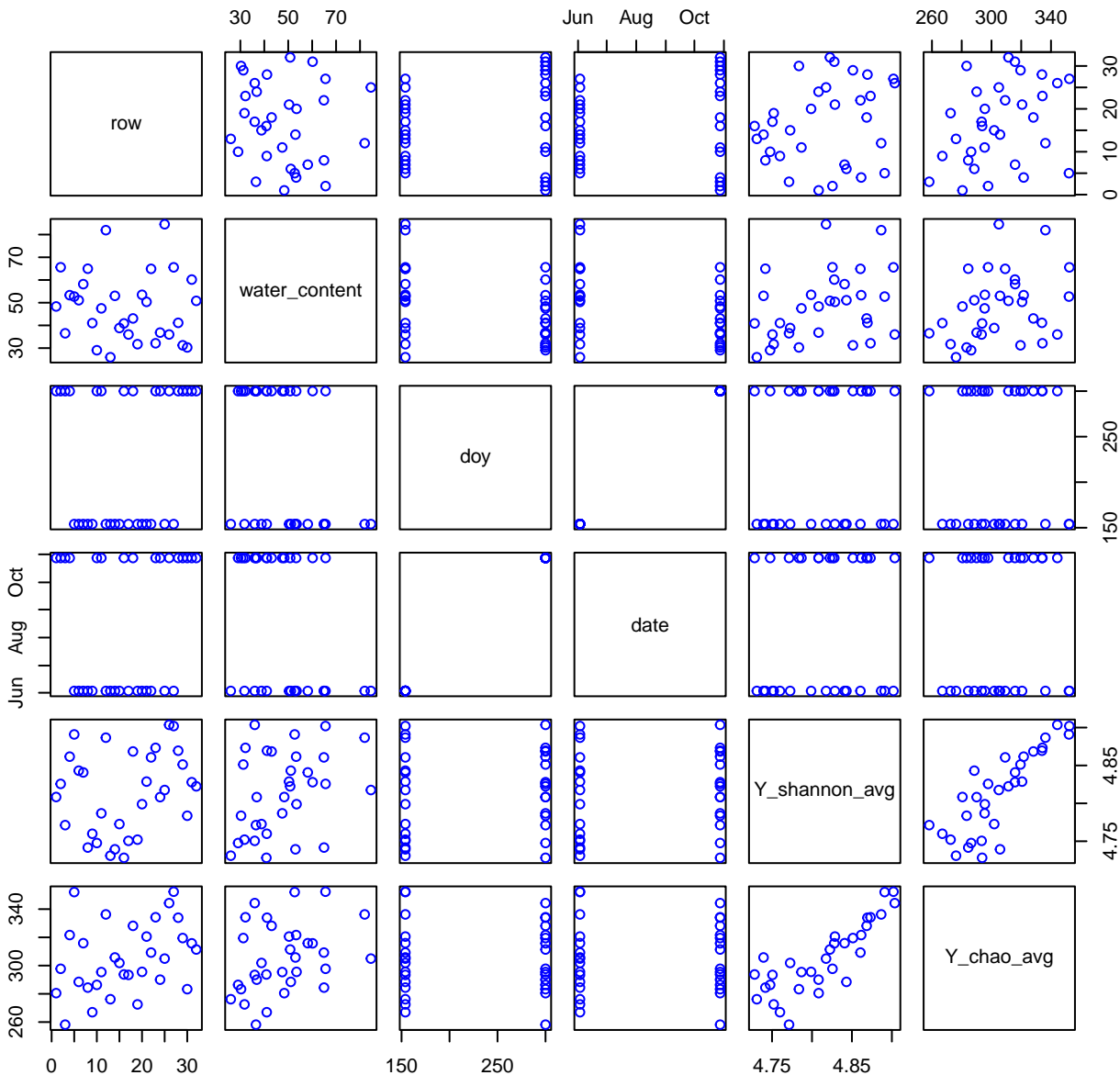
Name = hf451-01-microbial-data.csv  
Description = soil microbial traits  
Rows = 32 Columns = 19  
MD5 checksum = cbba25f0c9955c0edeabc2b1ed57aa0b6

Variables:

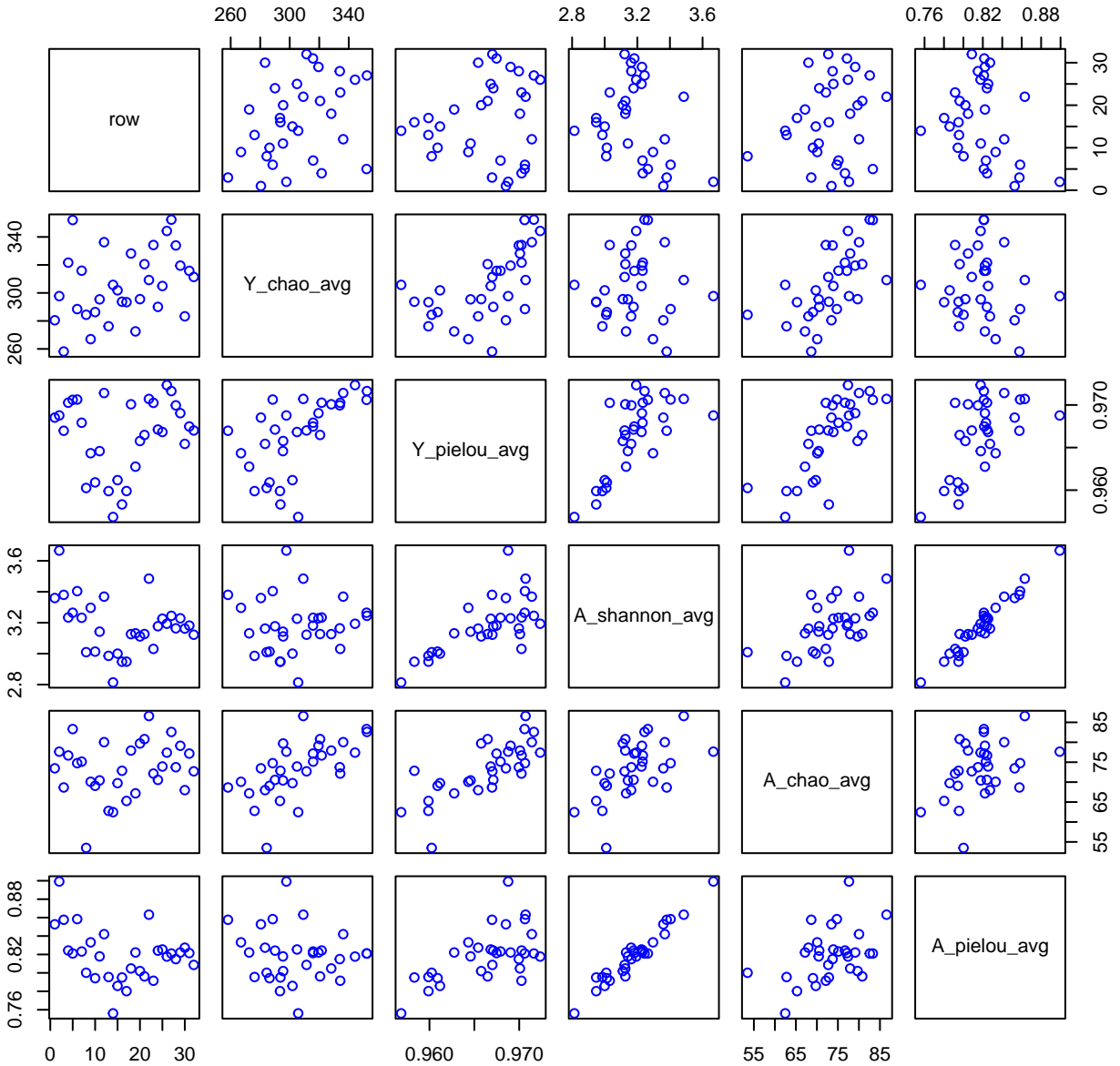
water\_content = gravimetric soil water content (dimensionless)  
doy = day of year of sampling (dimensionless)  
date = date of sampling  
Y\_shannon\_avg = Shannon's diversity of yield associated traits  
    averaged across 1000 rarefactions (dimensionless)  
Y\_chao\_avg = Chao1 estimated richness of yield associated traits  
    averaged across 1000 rarefactions (dimensionless)  
Y\_pielou\_avg = Pielou's evenness of yield associated traits averaged  
    across 1000 rarefactions (dimensionless)  
A\_shannon\_avg = Shannon's diversity of acquisition associated traits  
    averaged across 1000 rarefactions (dimensionless)  
A\_chao\_avg = Chao1 estimated richness of acquisition associated  
    traits averaged across 1000 rarefactions (dimensionless)  
A\_pielou\_avg = Pielou's evenness of acquisition associated traits  
    averaged across 1000 rarefactions (dimensionless)  
S\_shannon\_avg = Shannon's diversity of stress associated traits  
    averaged across 1000 rarefactions (dimensionless)  
S\_chao\_avg = Chao1 estimated richness of stress associated traits  
    averaged across 1000 rarefactions (dimensionless)  
S\_pielou\_avg = Pielou's evenness of stress associated traits  
    averaged across 1000 rarefactions (dimensionless)  
YAS\_proportion\_NMDS1 = NMDS axis 1 of yield, acquisition, and stress  
    traits (dimensionless)  
YAS\_proportion\_NMDS2 = NMDS axis 2 of yield, acquisition, and stress  
    traits (dimensionless)

Variable	Min	Median	Mean	Max	NAs
water_conten	25.990	47.921	48.038	84.540	0
doy	154.000	227.000	227.000	300.000	0
date	2014-06-03	2014-08-15	2014-08-15	2014-10-28	0
Y_shannon_av	4.728	4.820	4.814	4.904	0
Y_chao_avg	258.162	303.404	305.324	352.342	0
Y_pielou_avg	0.957	0.967	0.966	0.972	0
A_shannon_av	2.814	3.170	3.180	3.666	0
A_chao_avg	53.500	73.598	73.290	86.575	0
A_pielou_avg	0.756	0.821	0.819	0.899	0
S_shannon_av	4.086	4.329	4.318	4.424	0
S_chao_avg	155.272	171.881	171.412	184.771	0
S_pielou_avg	0.909	0.933	0.933	0.944	0
YAS_proporti	-0.029	-0.000	-0.000	0.025	0
YAS_proporti	-0.012	-0.003	0.000	0.021	0

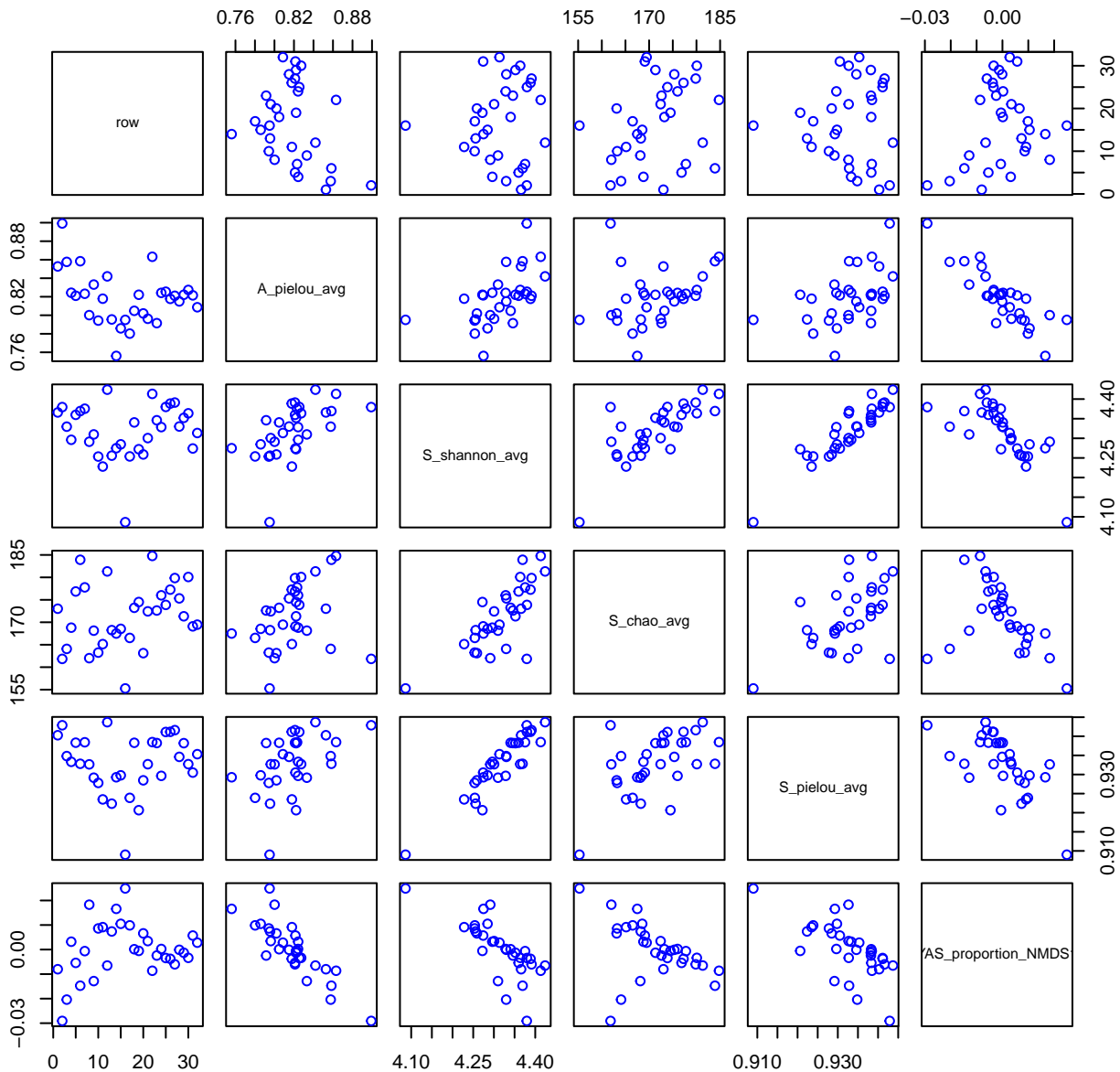
# HF451-01 Plot 1



# HF451-01 Plot 2



# HF451-01 Plot 3



# HF451-01 Plot 4

