

Harvard Forest Data Archive HF372-02

Data File:

Name = hf372-02-aggr-soil-c-n.csv

Description = aggregate soil carbon and nitrogen

Rows = 24 Columns = 16

MD5 checksum = f0e39eace325764753921e92047a4be6

Variables:

mbc = microbial biomass carbon ( $\mu\text{g g}^{-1}$ ), measured by CFE  
(microgramsPerGram)

doc = dissolved organic carbon ( $\mu\text{g g}^{-1}$ ), extracted by 0.5 M  $\text{K}_2\text{SO}_4$   
(microgramsPerGram)

soc = soil organic carbon (%), measured by elemental analyzer  
(dimensionless)

tsn = soil nitrogen (%), measured by elemental analyzer  
(dimensionless)

mbsoc = ratio of mbc and soc (dimensionless)

mbsoc = ratio of mbc and doc (dimensionless)

docsoc = ratio of doc and soc (dimensionless)

scn = ratio of soc and tsn (dimensionless)

soilmass = soil mass of MA and MI (gram)

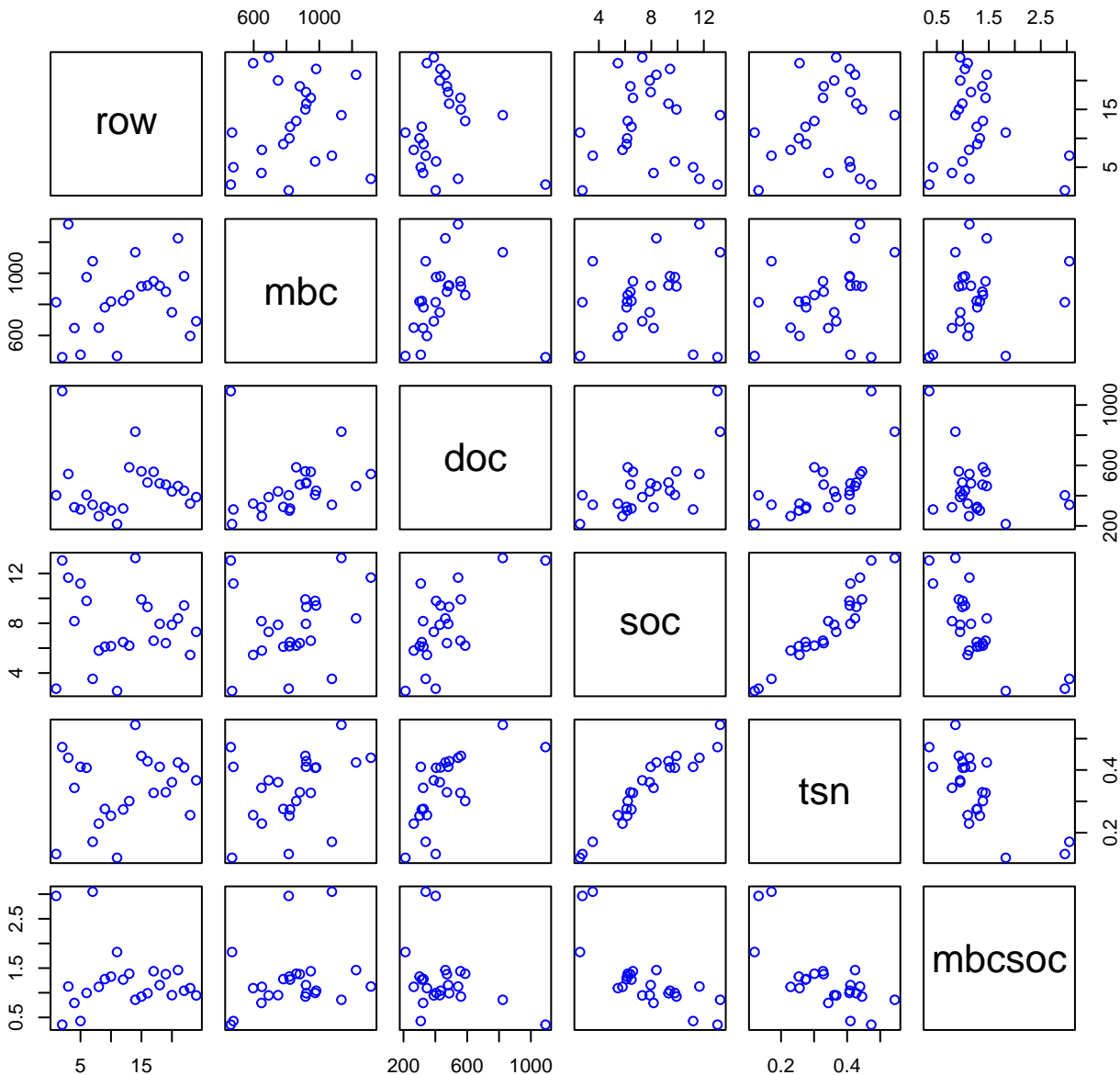
soil\_pct = percent of soil mass between MA and MI (dimensionless)

cstk\_pct = percent of soil carbon stock (by multiplying soc and soil  
mass) between MA and MI (dimensionless)

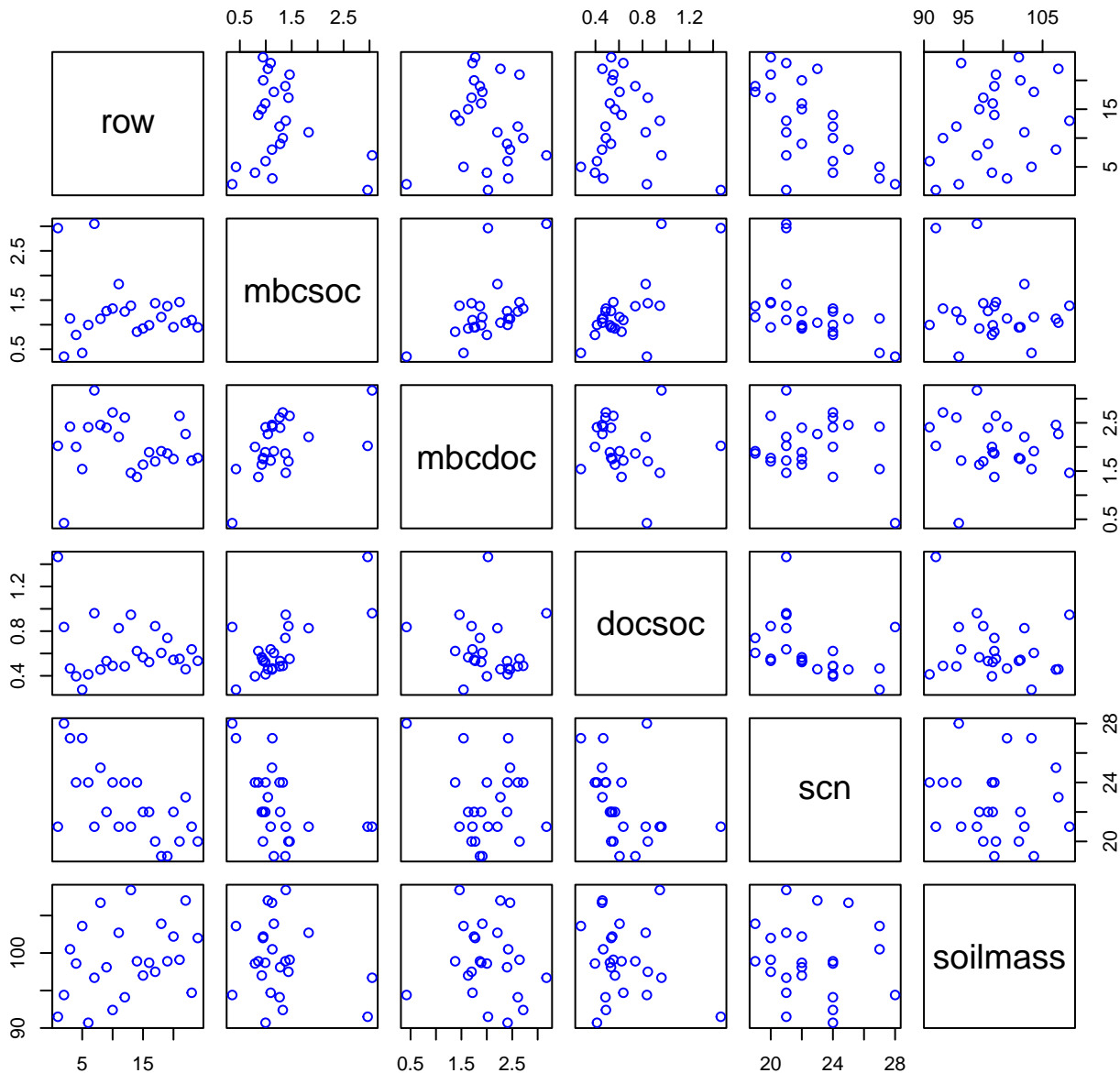
nstk\_pct = percent of tsn stock (by multiplying tsn and soil mass)  
between MA and MI (dimensionless)

Variable	Min	Median	Mean	Max	NAs
mbc	460.000	840.750	838.538	1315.000	0
doc	211.800	416.400	452.613	1091.900	0
soc	2.562	7.592	7.721	13.241	0
tsn	0.120	0.352	0.339	0.544	0
mbcsoc	0.353	1.123	1.256	3.050	0
mbcdoc	0.421	1.957	2.016	3.173	0
docsoc	0.276	0.548	0.632	1.465	0
scn	19.000	22.000	22.542	28.000	0
soilmass	90.700	98.800	99.096	108.400	0
soil_pct	45.800	50.000	50.000	54.200	0
cstk_pct	27.203	50.000	50.000	72.797	0
nstk_pct	27.034	50.000	50.000	72.966	0

# HF372-02 Plot 1



# HF372-02 Plot 2



# HF372-02 Plot 3

