Harvard Forest Data Archive HF069-07

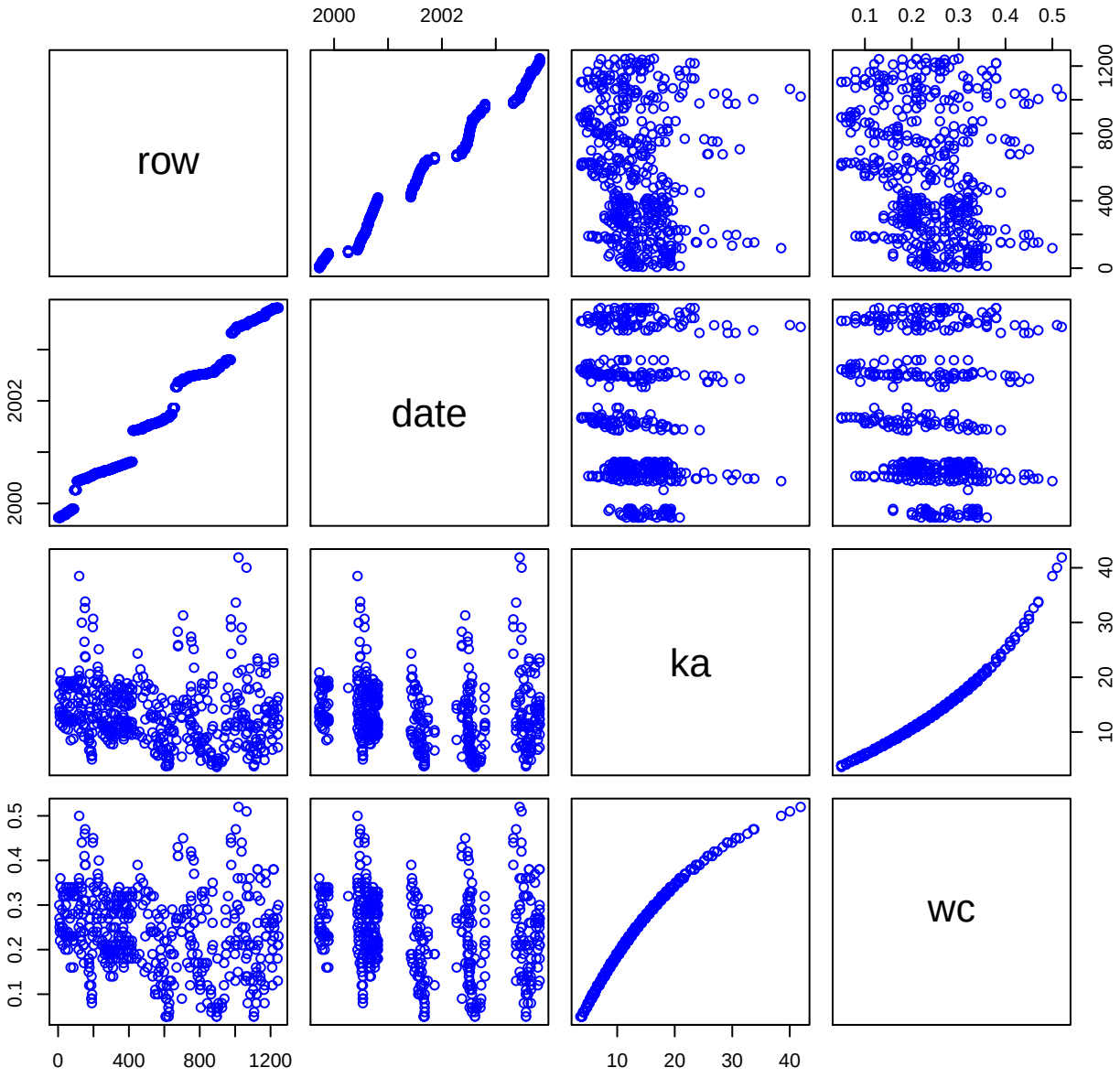
Data File:

Name = hf069-07-soil.moist.csv
Description = soil moisture
Rows = 2490 Columns = 4
MD5 checksum = b551ce4c1d35c07f57d8497ba747c01e

Variables:

date = date
ka = dialectric constant calculated from each TDR waveform. To calculate a diaelectric constant (Ka) from each waveform, we used an automated script which first applied a Savitsky-Golay filter to the waveform data and then used a tangent-line method to locate the two inflection points. (number)
wc = water content calculated using Topp's equation (Topp et al. 1980) (cubicCentimetersPerCubicCentimeters)

Variable	Min	Median	Mean	Max	NAs
date	1999-09-23	2001-09-06	2001-11-15	2003-10-25	0
ka	2.880	12.130	13.112	49.750	1517
wc	0.030	0.230	0.232	0.570	1517


HF069−07 Plot 1
row
date
ka
wc
2000
2002
0.1
0.2
0.3
0.4
0.5
0
400
800
1200
10
20
30
40