

Harvard Forest Data Archive HF327-02

Data File:

Name = hf327-02-daca-traits.csv
Description = traits
Rows = 56 Columns = 72
MD5 checksum = e4ab5a84daf3ad163ca92b36e2385ba9

Variables:

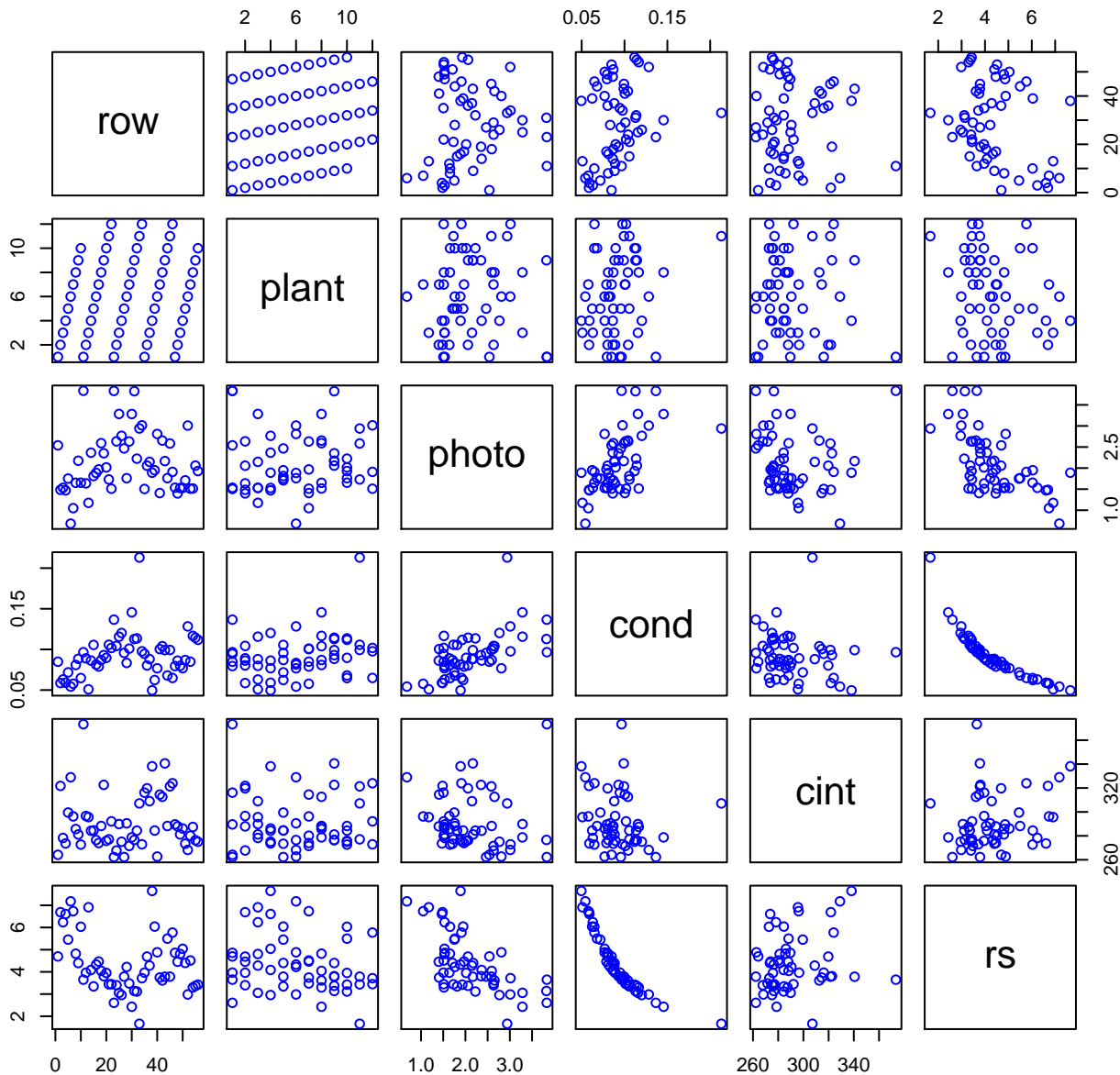
plant = plant number; individual replicates (number)
photo = area-based maximum photosynthetic rate ($\mu\text{mol CO}_2 \text{ m}^{-2} \text{ s}^{-1}$;
mean of n =
three 30-second measurements)
(micromolePerMeterSquaredPerSecond)
cond = area-based stomatal conductance ($\mu\text{mol CO}_2 \text{ m}^{-2} \text{ s}^{-1}$; mean of n
= three
30-second measurements)
(micromolePerMeterSquaredPerSecond)
cint = intercellular concentration of CO_2 (ppm; mean of n = three
30-second
measurements) (dimensionless)
rs = stomatal resistance (s cm^{-1} ; mean of n = three 30-second
measurements) (secondsPerCentimeter)
cs = stomatal conductance (cm s^{-1} ; mean of n = three 30-second
measurements) (centimetersPerSecond)
wing.chl = estimated chlorophyll concentration of the pitcher
"winged
appendage" (gramsPerSquareMeter)
tube.chl = estimated chlorophyll concentration of the pitcher
"tube" (gramsPerSquareMeter)
hood.chl = estimated chlorophyll concentration of the pitcher
"hood" (gramsPerSquareMeter)
hood.area = surface area of the pitcher "hood" (squareMeter)
wing.area = surface area of the pitcher "winged appendage"
(squareMeter)
tube.area = surface area of the pitcher "tube" (squareMeter)
hood.mass = oven-dried mass of the pitcher "hood" (gram)
wing.mass = oven-dried mass of the pitcher "winged
appendage"
(gram)
tube.mass = oven-dried mass of the pitcher "tube" (gram)
c.hood = C content of the pitcher "hood" (gramsPerGram)
h.hood = H content of the pitcher "hood" (gramsPerGram)
n.hood = N content of the pitcher "hood" (gramsPerGram)
c.tube = C content of the pitcher "tube" (gramsPerGram)
h.tube = H content of the pitcher "tube" (gramsPerGram)
n.tube = N content of the pitcher "tube" (gramsPerGram)
c.wing = C content of the pitcher "winged appendage" (gramsPerGram)
h.wing = H content of the pitcher "winged appendage" (gramsPerGram)
n.wing = N content of the pitcher "winged appendage" (gramsPerGram)
ca.hood = Ca content of the pitcher "hood" (gramsPerGram)
mg.hood = Mg content of the pitcher "hood" (gramsPerGram)
k.hood = K content of the pitcher "hood" (gramsPerGram)
p.hood = P content of the pitcher "hood" (gramsPerGram)

na.hood = Na content of the pitcher "hood" (gramsPerGram)
al.hood = Al content of the pitcher "hood" (gramsPerGram)
mn.hood = Mn content of the pitcher "hood" (gramsPerGram)
cu.hood = Cu content of the pitcher "hood" (gramsPerGram)
zn.hood = Zn content of the pitcher "hood" (gramsPerGram)
cr.hood = Cr content of the pitcher "hood" (gramsPerGram)
co.hood = Co content of the pitcher "hood" (gramsPerGram)
ni.hood = Ni content of the pitcher "hood" (gramsPerGram)
ca.tube = Ca content of the pitcher "tube" (gramsPerGram)
mg.tube = Mg content of the pitcher "tube" (gramsPerGram)
k.tube = K content of the pitcher "tube" (gramsPerGram)
p.tube = P content of the pitcher "tube" (gramsPerGram)
na.tube = Na content of the pitcher "tube" (gramsPerGram)
al.tube = Al content of the pitcher "tube" (gramsPerGram)
mn.tube = Mn content of the pitcher "tube" (gramsPerGram)
cu.tube = Cu content of the pitcher "tube" (gramsPerGram)
zn.tube = Zn content of the pitcher "tube" (gramsPerGram)
cr.tube = Cr content of the pitcher "tube" (gramsPerGram)
co.tube = Co content of the pitcher "tube" (gramsPerGram)
ni.tube = Ni content of the pitcher "tube" (gramsPerGram)
ca.wing = Ca content of the pitcher "winged appendage"
(gramsPerGram)
mg.wing = Mg content of the pitcher "winged appendage"
(gramsPerGram)
k.wing = K content of the pitcher "winged appendage" (gramsPerGram)
p.wing = P content of the pitcher "winged appendage" (gramsPerGram)
na.wing = Na content of the pitcher "winged appendage"
(gramsPerGram)
al.wing = Al content of the pitcher "winged appendage"
(gramsPerGram)
mn.wing = Mn content of the pitcher "winged appendage"
(gramsPerGram)
cu.wing = Cu content of the pitcher "winged appendage"
(gramsPerGram)
zn.wing = Zn content of the pitcher "winged appendage"
(gramsPerGram)
cr.wing = Cr content of the pitcher "winged appendage"
(gramsPerGram)
co.wing = Co content of the pitcher "winged appendage"
(gramsPerGram)
ni.wing = Ni content of the pitcher "winged appendage"
(gramsPerGram)
stemhgt = height of the pitcher from ground to below the
"hood"
(meter)
hoodlgnth = circumference of the hood from the top of the stemhgt
measurement
over the hood and down to the opening of the pitcher "mouth"
(meter)
basediam = diameter of the pitcher "tube" at its base (meter)
middiam = diameter of the pitcher "tube" at its midpoint (meter)
topdiam = diameter of the pitcher "tube" at its top, just below the
pitcher
"hood" (meter)
mouthdiam = diameter of the pitcher "mouth" (meter)
wingl1 = length of one of the two "winged appendages" (meter)
wingl1w = width of one of the two "winged appendages" measured at its
point of
attachment to the pitcher "mouth" (meter)
wing2l = width of the second of the two "winged appendages" measured
at its
point of attachment to the pitcher "mouth" (meter)
wing2w = width of the second of the two "winged appendages" measured
at its
point of attachment to the pitcher "mouth" (meter)
spread = tip-to-tip distance of the "winged appendage" (meter)

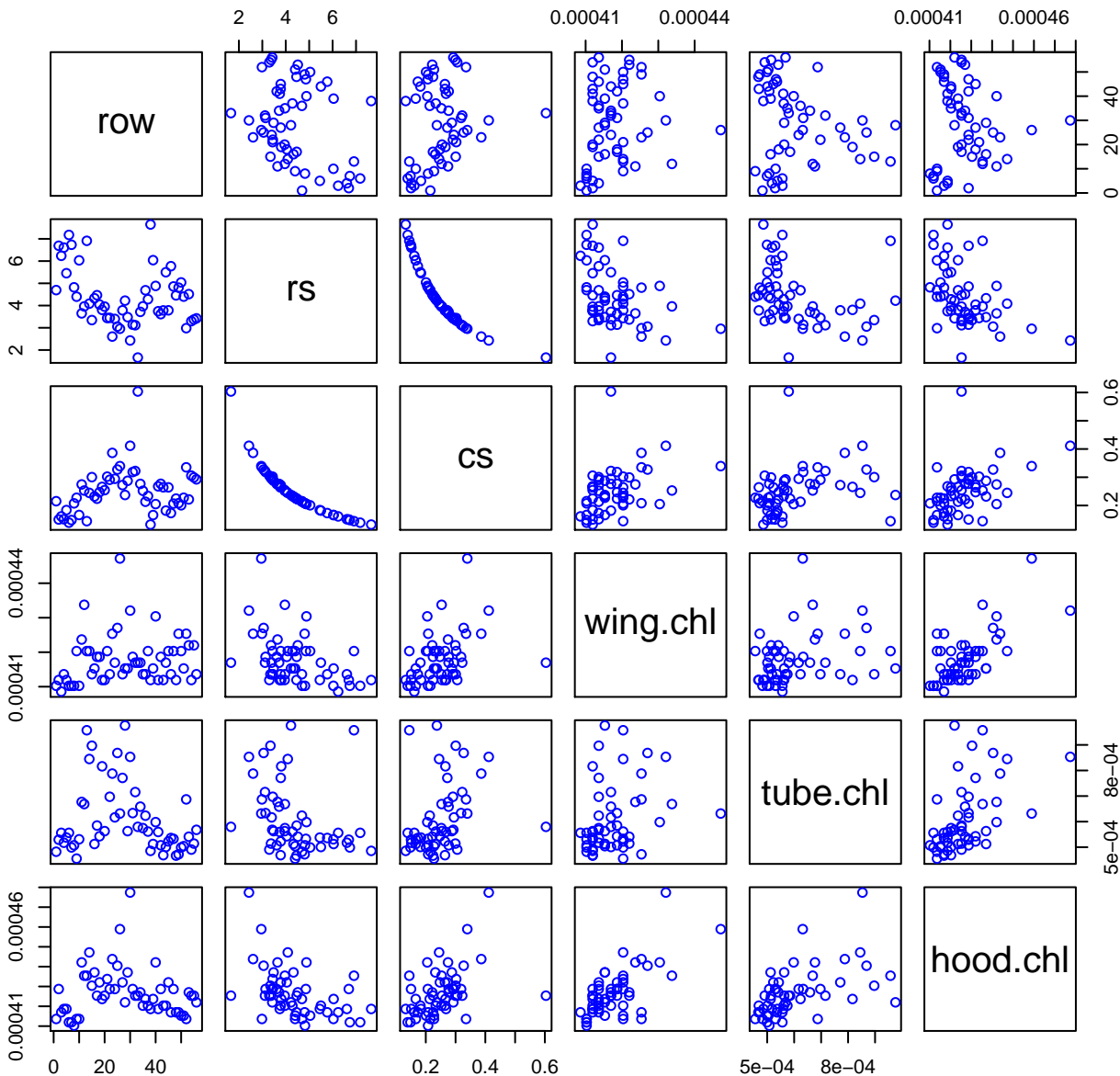
| Variable | Min | Median | Mean | Max | NAs |
|-----------|---------|---------|---------|---------|-----|
| plant | 1.000 | 6.000 | 6.143 | 12.000 | 0 |
| photo | 0.682 | 1.940 | 2.109 | 3.834 | 0 |
| cond | 0.050 | 0.088 | 0.092 | 0.213 | 0 |
| cint | 262.267 | 285.117 | 291.417 | 373.333 | 0 |
| rs | 1.661 | 4.065 | 4.370 | 7.647 | 0 |
| cs | 0.133 | 0.246 | 0.250 | 0.604 | 0 |
| wing.chl | 0.000 | 0.000 | 0.000 | 0.000 | 0 |
| tube.chl | 0.000 | 0.001 | 0.001 | 0.001 | 1 |
| hood.chl | 0.000 | 0.000 | 0.000 | 0.000 | 0 |
| hood.area | 0.002 | 0.004 | 0.004 | 0.007 | 0 |
| wing.area | 0.000 | 0.002 | 0.002 | 0.004 | 1 |
| tube.area | 0.008 | 0.021 | 0.020 | 0.032 | 0 |
| hood.mass | 0.290 | 0.860 | 0.852 | 1.860 | 0 |
| wing.mass | 0.030 | 0.140 | 0.145 | 0.340 | 1 |
| tube.mass | 1.250 | 2.895 | 3.013 | 5.630 | 0 |
| c.hood | 0.408 | 0.497 | 0.496 | 0.690 | 28 |
| h.hood | 0.049 | 0.060 | 0.060 | 0.084 | 28 |
| n.hood | 0.007 | 0.010 | 0.011 | 0.021 | 28 |
| c.tube | 0.433 | 0.487 | 0.484 | 0.499 | 28 |
| h.tube | 0.054 | 0.060 | 0.060 | 0.061 | 28 |
| n.tube | 0.008 | 0.010 | 0.011 | 0.021 | 28 |
| c.wing | 0.489 | 0.499 | 0.500 | 0.517 | 28 |
| h.wing | 0.058 | 0.061 | 0.061 | 0.063 | 28 |
| n.wing | 0.005 | 0.010 | 0.011 | 0.019 | 28 |
| ca.hood | 0.000 | 0.001 | 0.001 | 0.002 | 29 |
| mg.hood | 0.001 | 0.001 | 0.001 | 0.002 | 28 |
| k.hood | 0.004 | 0.009 | 0.008 | 0.013 | 28 |
| p.hood | 0.001 | 0.001 | 0.001 | 0.002 | 28 |
| na.hood | 0.000 | 0.000 | 0.000 | 0.001 | 28 |
| al.hood | 0.000 | 0.000 | 0.000 | 0.000 | 28 |
| mn.hood | 0.000 | 0.000 | 0.000 | 0.000 | 28 |
| cu.hood | 0.000 | 0.000 | 0.000 | 0.000 | 28 |
| zn.hood | 0.000 | 0.000 | 0.000 | 0.000 | 28 |
| cr.hood | 0.000 | 0.000 | 0.000 | 0.000 | 28 |
| co.hood | 0.000 | 0.000 | 0.000 | 0.000 | 28 |
| ni.hood | 0.000 | 0.000 | 0.000 | 0.000 | 28 |
| ca.tube | 0.000 | 0.001 | 0.001 | 0.001 | 30 |
| mg.tube | 0.001 | 0.001 | 0.002 | 0.003 | 30 |
| k.tube | 0.003 | 0.009 | 0.008 | 0.012 | 33 |
| p.tube | 0.001 | 0.001 | 0.001 | 0.002 | 33 |
| na.tube | 0.000 | 0.000 | 0.000 | 0.001 | 33 |
| al.tube | 0.000 | 0.000 | 0.000 | 0.000 | 30 |
| mn.tube | 0.000 | 0.000 | 0.000 | 0.000 | 30 |
| cu.tube | 0.000 | 0.000 | 0.000 | 0.000 | 30 |
| zn.tube | 0.000 | 0.000 | 0.000 | 0.000 | 33 |
| cr.tube | 0.000 | 0.000 | 0.000 | 0.000 | 32 |
| co.tube | 0.000 | 0.000 | 0.000 | 0.000 | 33 |
| ni.tube | 0.000 | 0.000 | 0.000 | 0.000 | 33 |
| ca.wing | 0.000 | 0.001 | 0.001 | 0.002 | 33 |

| Variable | Min | Median | Mean | Max | NAs |
|-----------|-------|--------|-------|-------|-----|
| mg.wing | 0.001 | 0.001 | 0.001 | 0.001 | 33 |
| k.wing | 0.005 | 0.008 | 0.009 | 0.012 | 33 |
| p.wing | 0.001 | 0.001 | 0.001 | 0.002 | 33 |
| na.wing | 0.000 | 0.001 | 0.001 | 0.001 | 33 |
| al.wing | 0.000 | 0.000 | 0.000 | 0.000 | 33 |
| mn.wing | 0.000 | 0.000 | 0.000 | 0.000 | 33 |
| cu.wing | 0.000 | 0.000 | 0.000 | 0.000 | 34 |
| zn.wing | 0.000 | 0.000 | 0.000 | 0.000 | 33 |
| cr.wing | 0.000 | 0.000 | 0.000 | 0.000 | 33 |
| co.wing | 0.000 | 0.000 | 0.000 | 0.000 | 34 |
| ni.wing | 0.000 | 0.000 | 0.000 | 0.000 | 33 |
| stemhgt | 0.255 | 0.515 | 0.497 | 0.670 | 1 |
| hoodlgnth | 0.124 | 0.175 | 0.175 | 0.235 | 1 |
| basediam | 0.007 | 0.011 | 0.011 | 0.016 | 1 |
| middiam | 0.013 | 0.019 | 0.020 | 0.027 | 1 |
| topdiam | 0.025 | 0.035 | 0.035 | 0.053 | 1 |
| mouthdiam | 0.011 | 0.027 | 0.028 | 0.042 | 1 |
| wing1l | 0.024 | 0.076 | 0.076 | 0.135 | 1 |
| wing1w | 0.009 | 0.021 | 0.021 | 0.032 | 1 |
| wing2l | 0.000 | 0.073 | 0.067 | 0.118 | 1 |
| wing2w | 0.000 | 0.021 | 0.020 | 0.036 | 1 |
| spread | 0.000 | 0.085 | 0.080 | 0.185 | 1 |

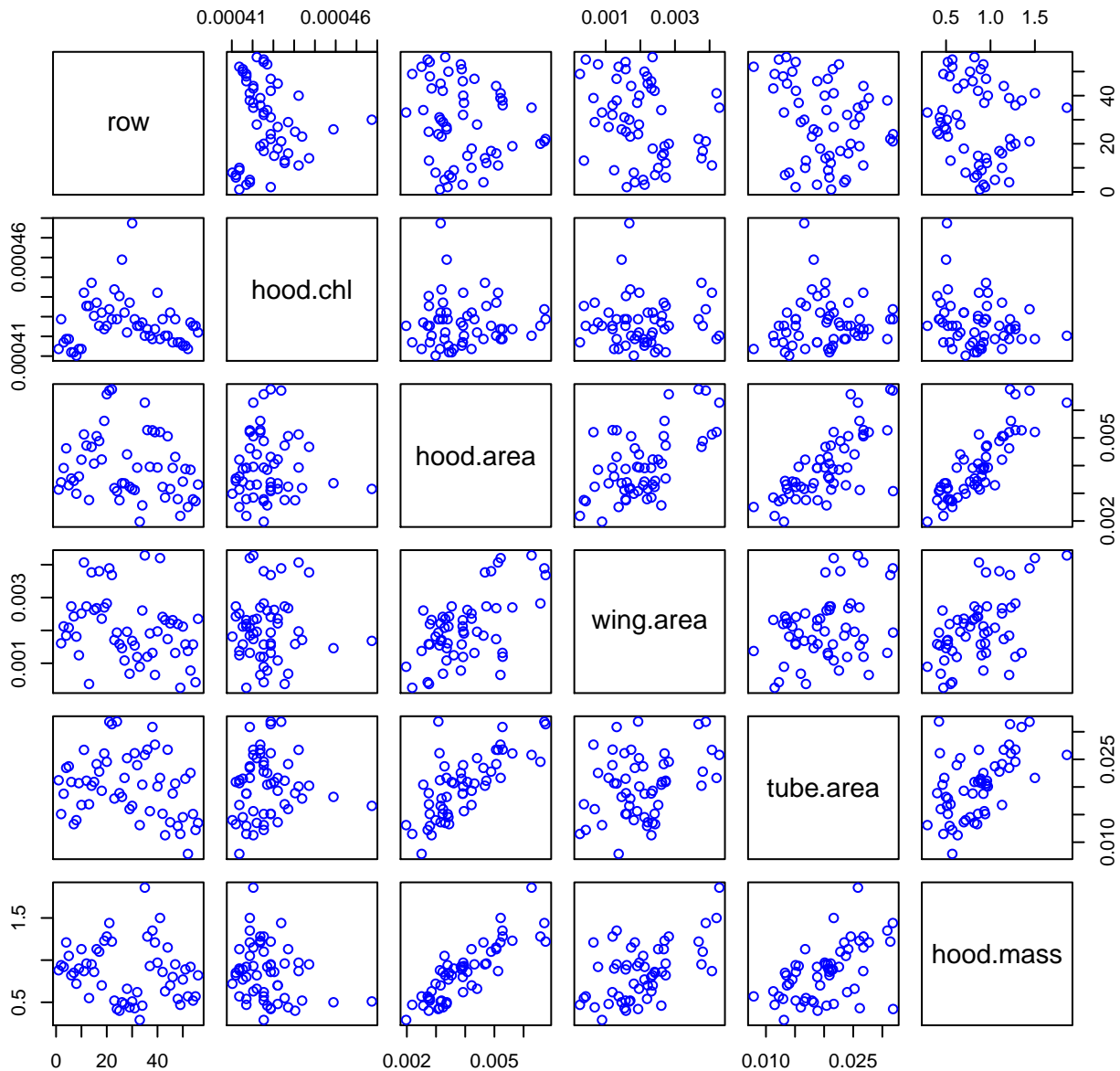
HF327-02 Plot 1



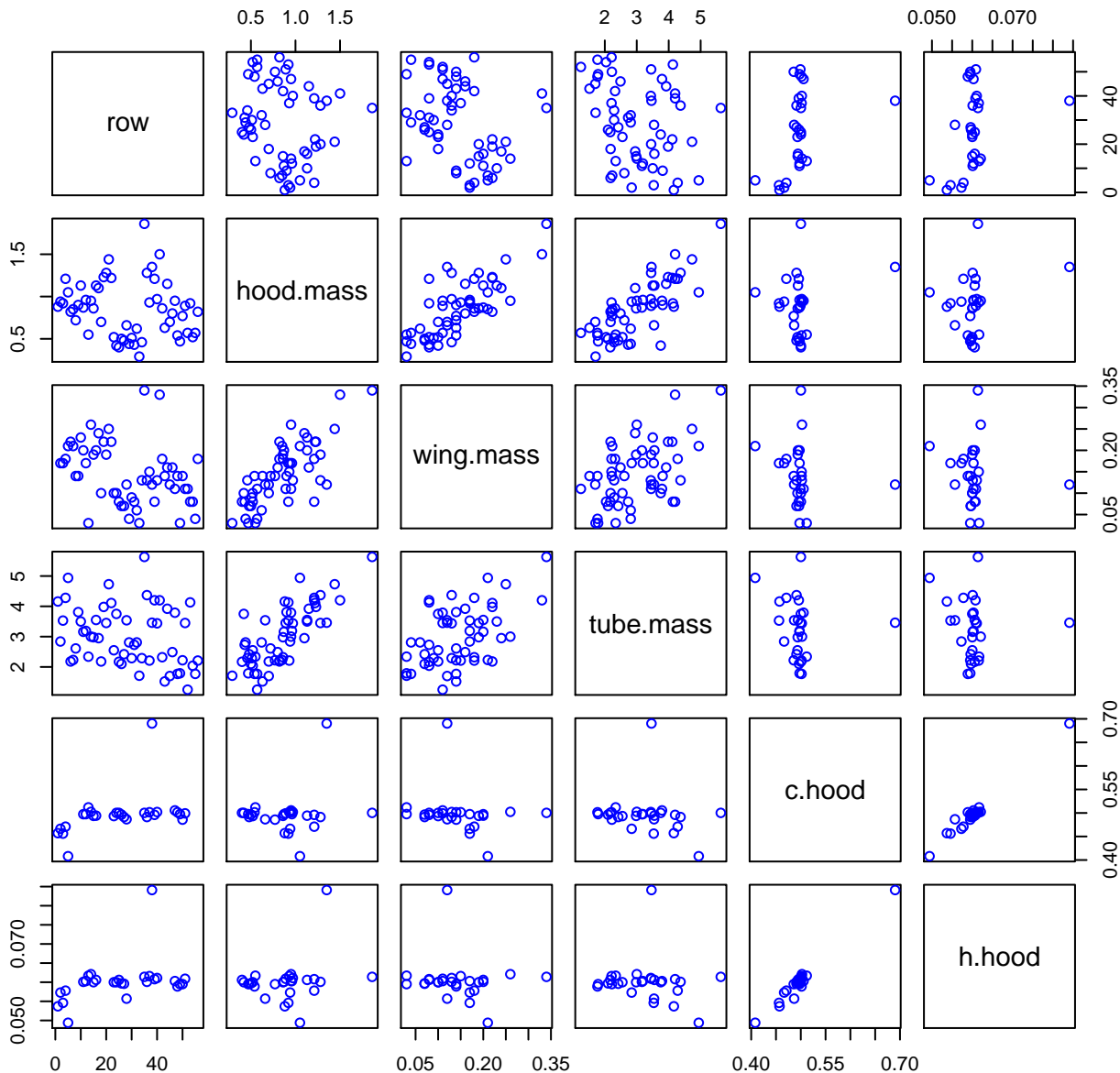
HF327-02 Plot 2



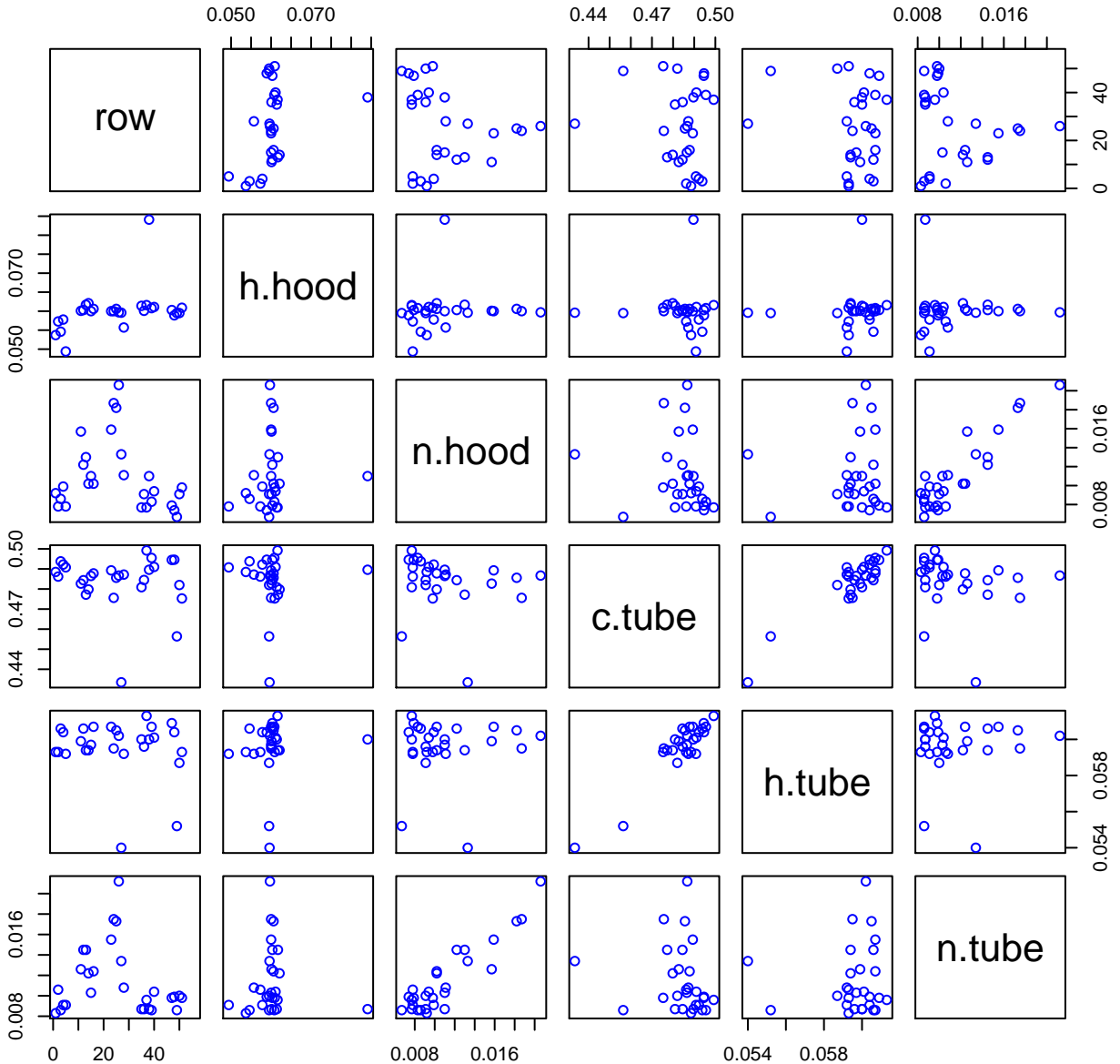
HF327-02 Plot 3



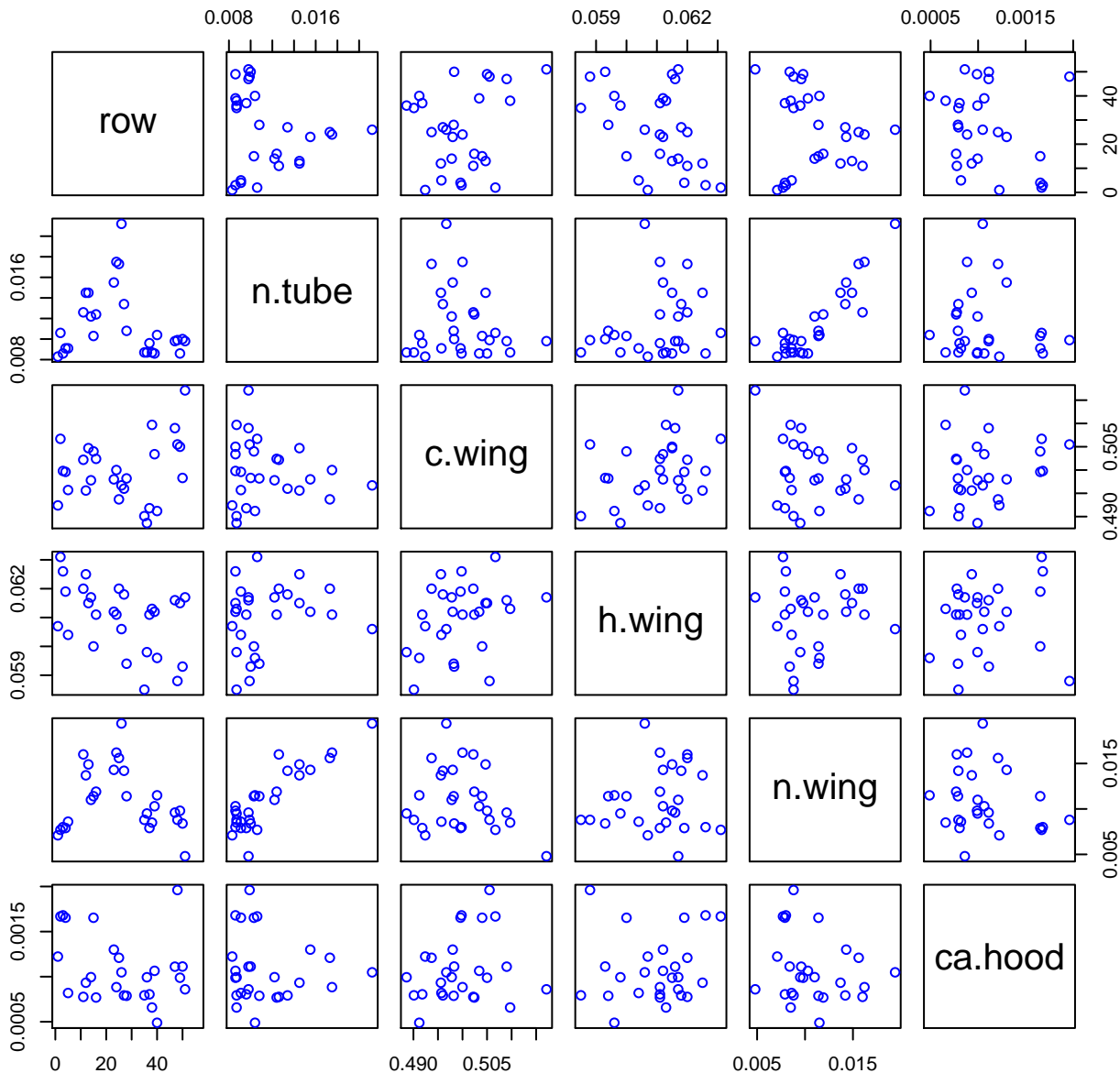
HF327-02 Plot 4



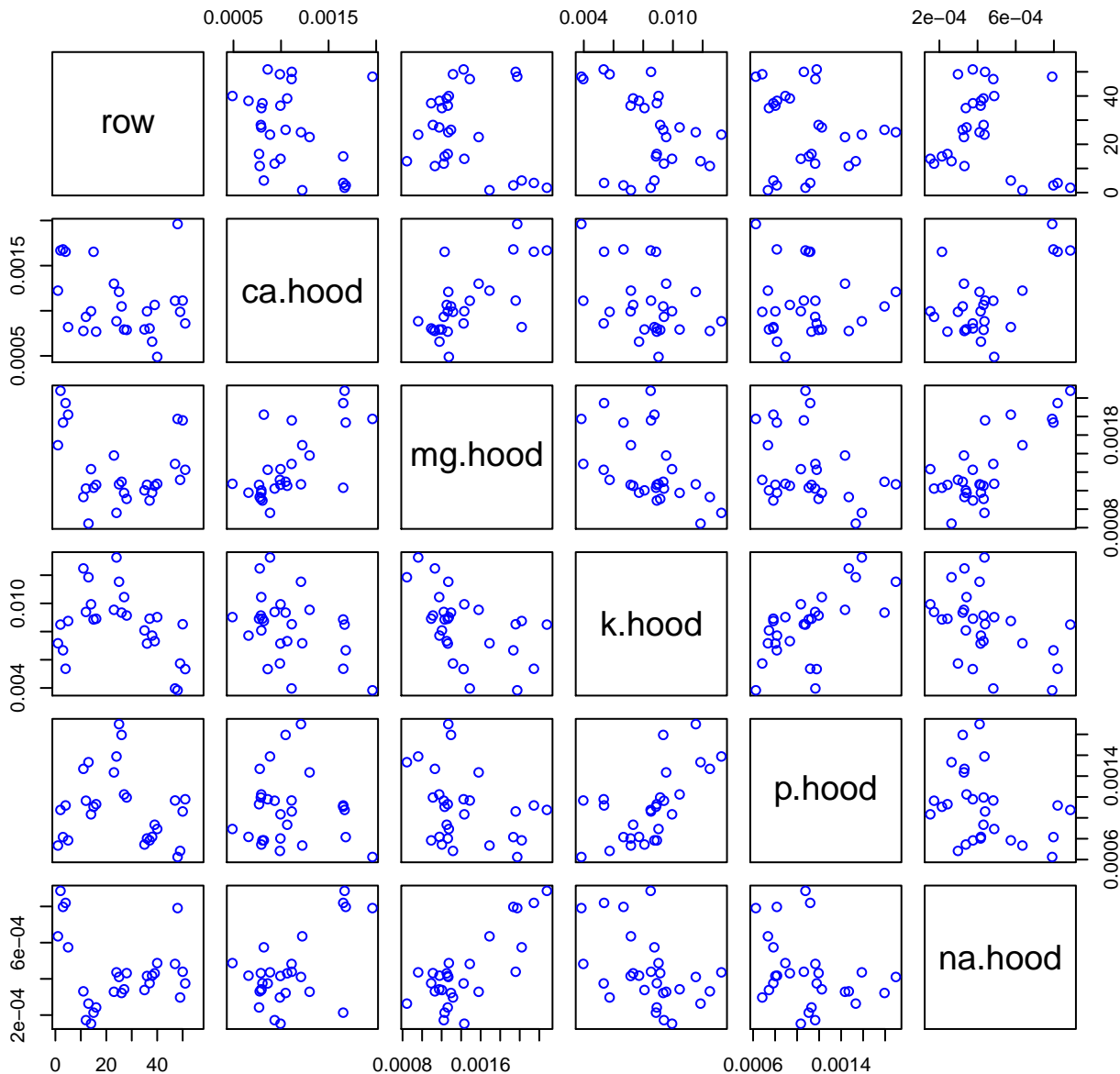
HF327-02 Plot 5



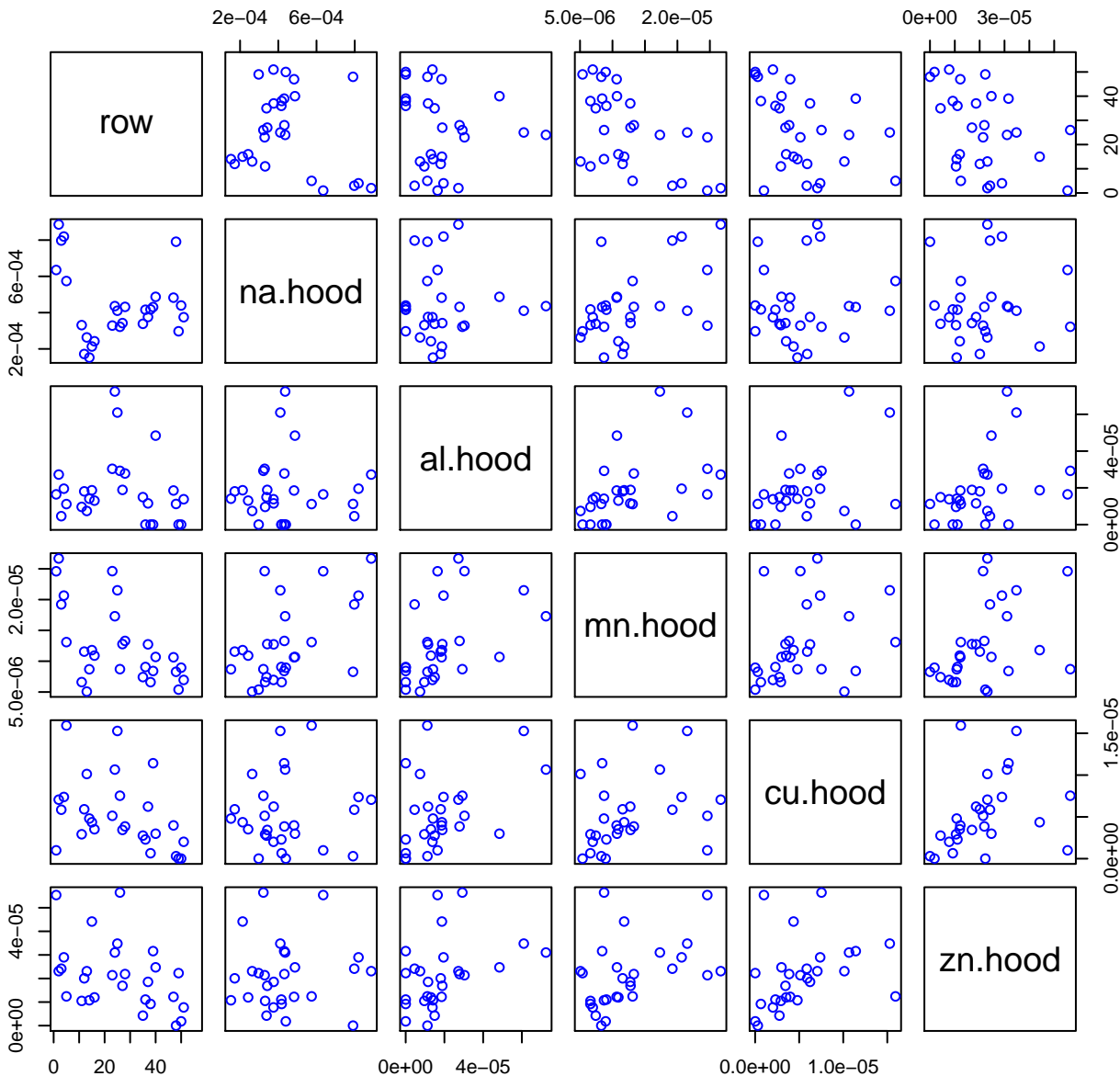
HF327-02 Plot 6



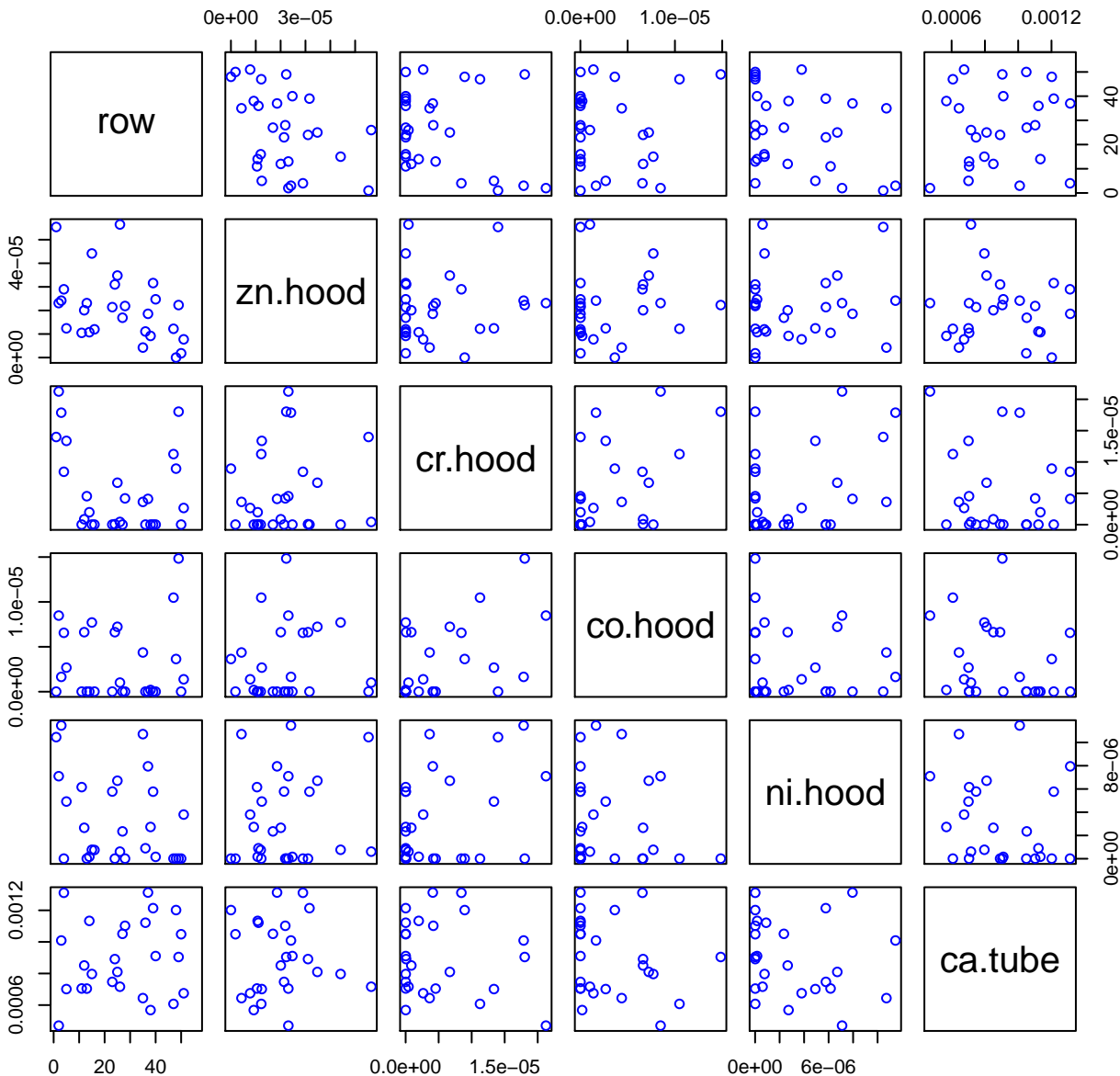
HF327-02 Plot 7



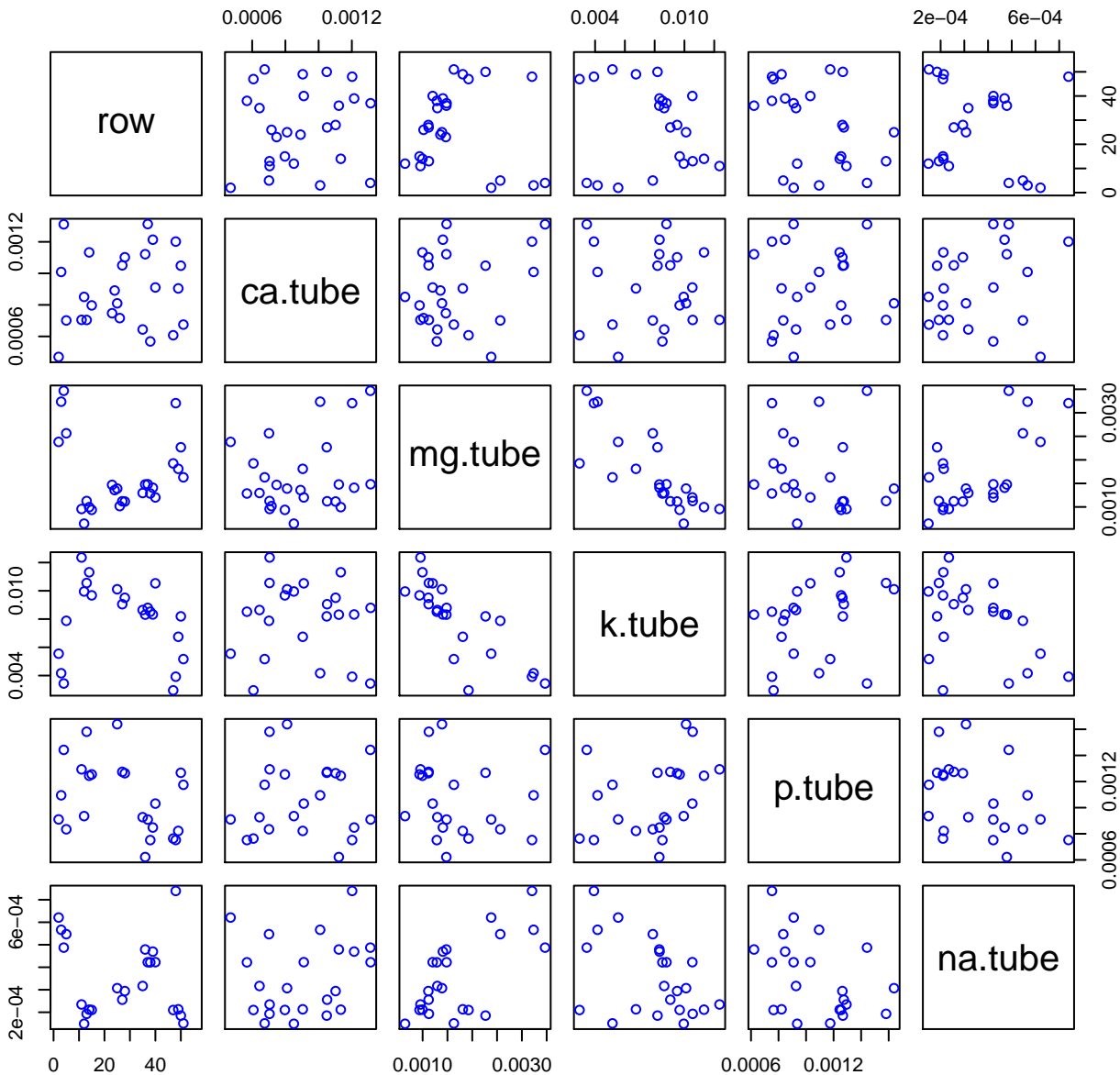
HF327-02 Plot 8



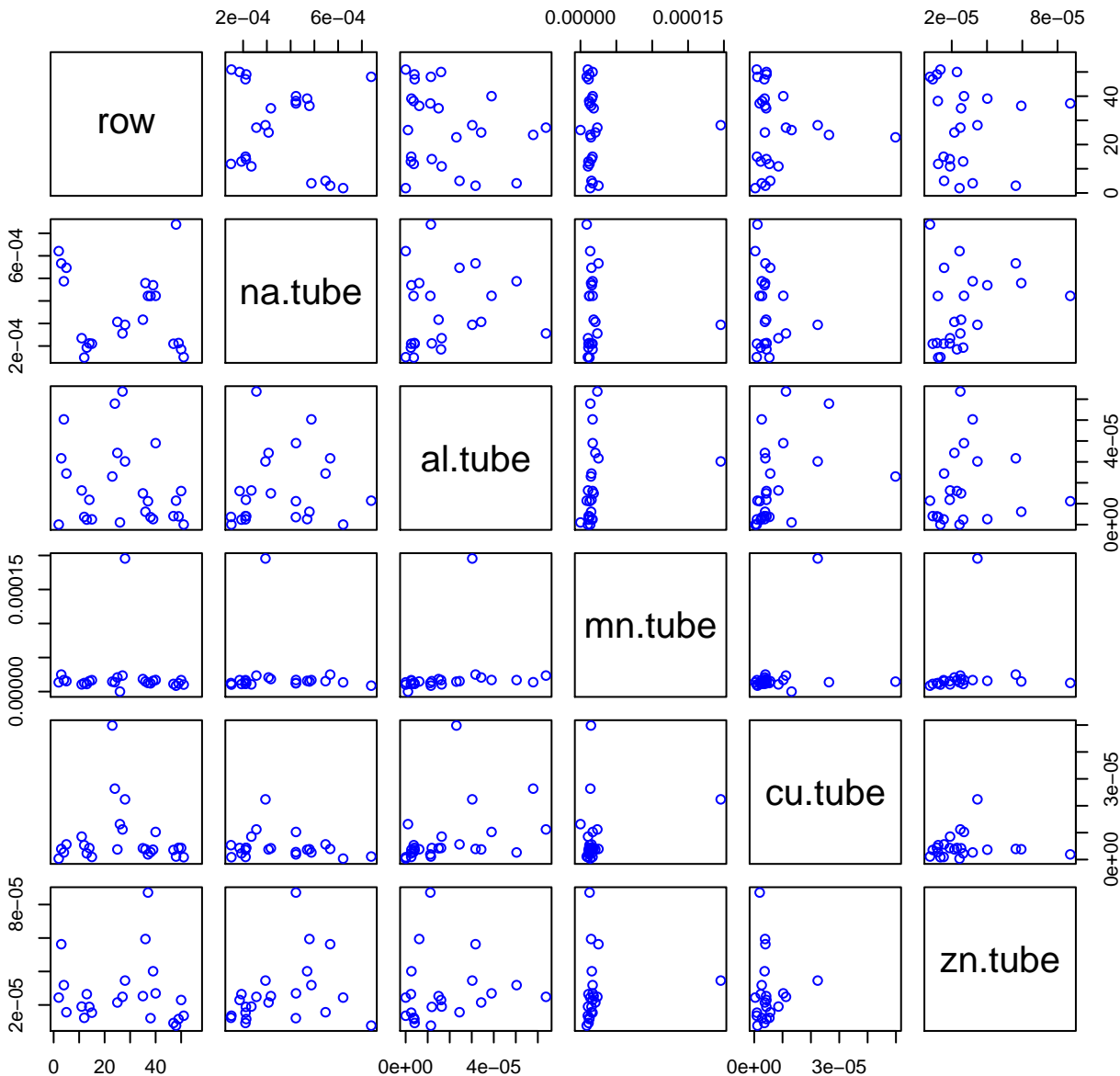
HF327-02 Plot 9



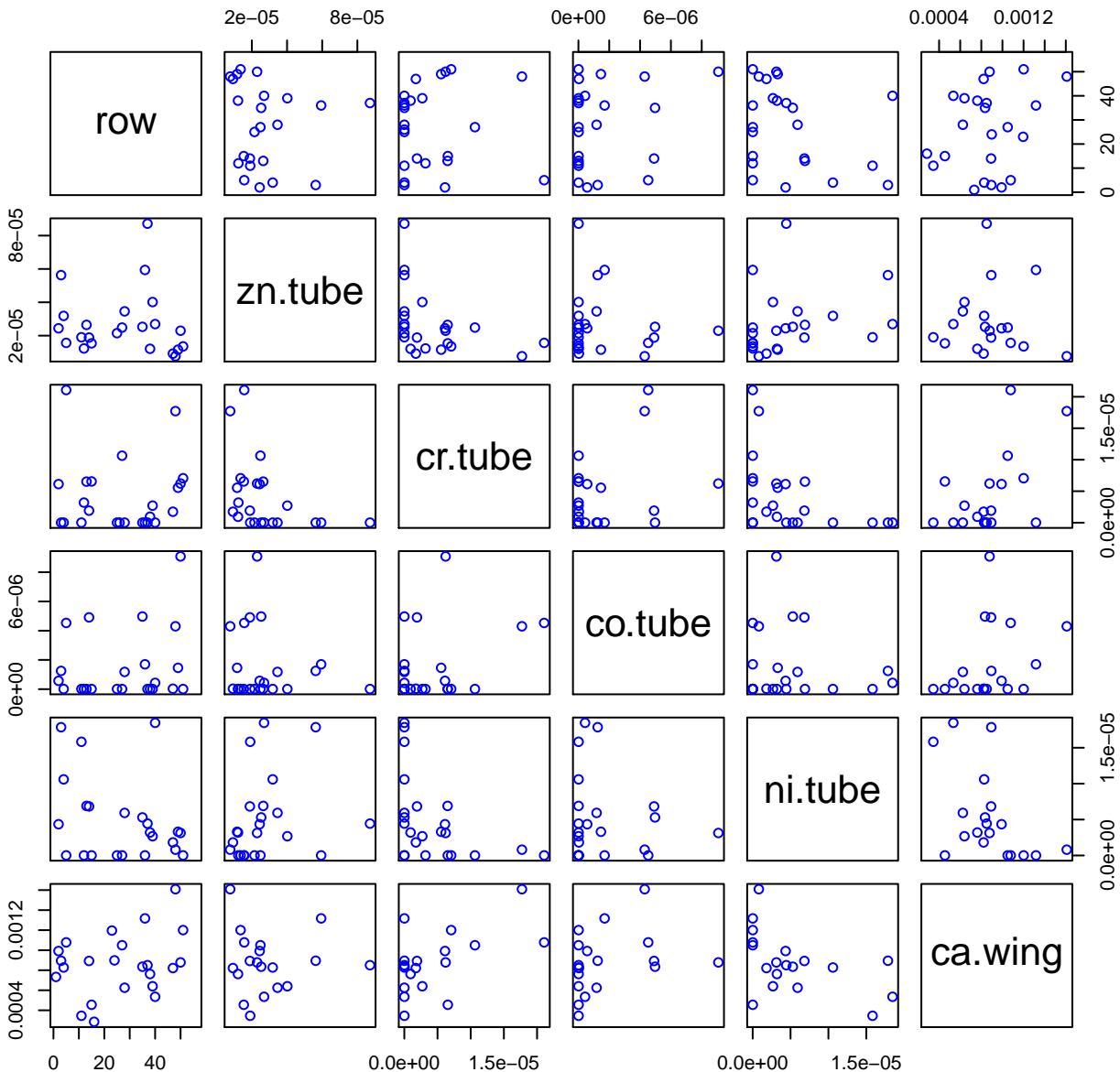
HF327-02 Plot 10



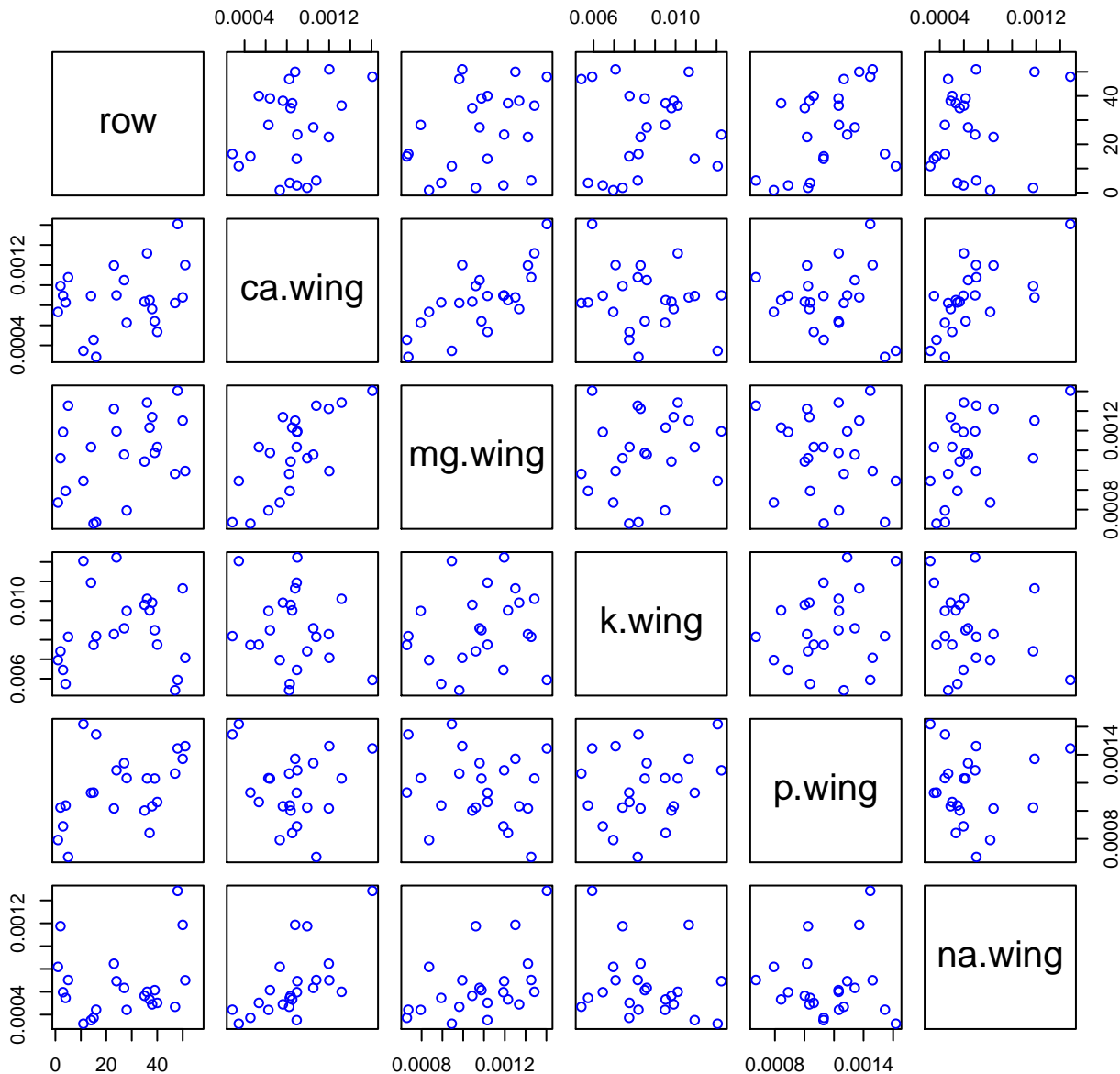
HF327-02 Plot 11



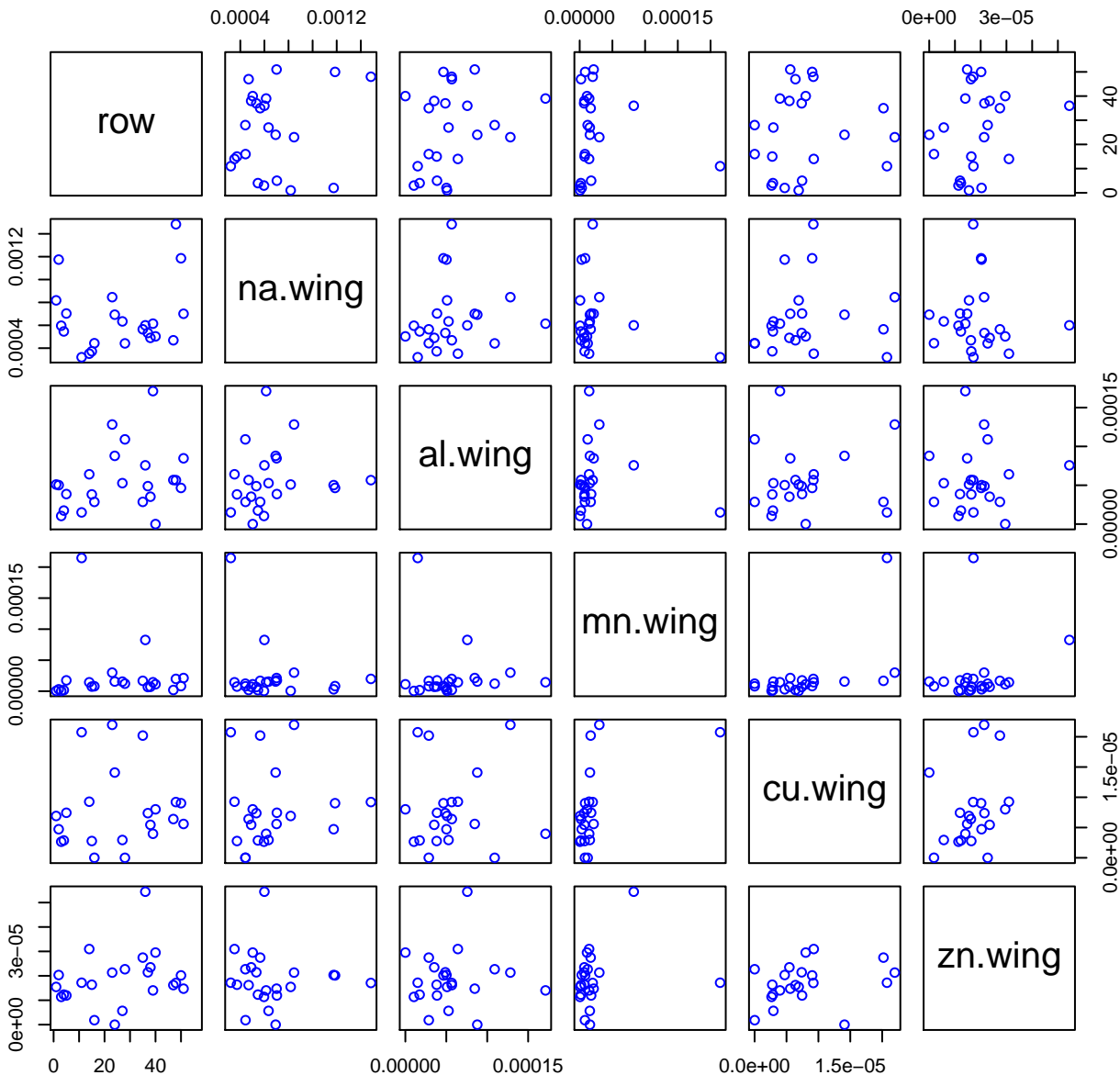
HF327-02 Plot 12



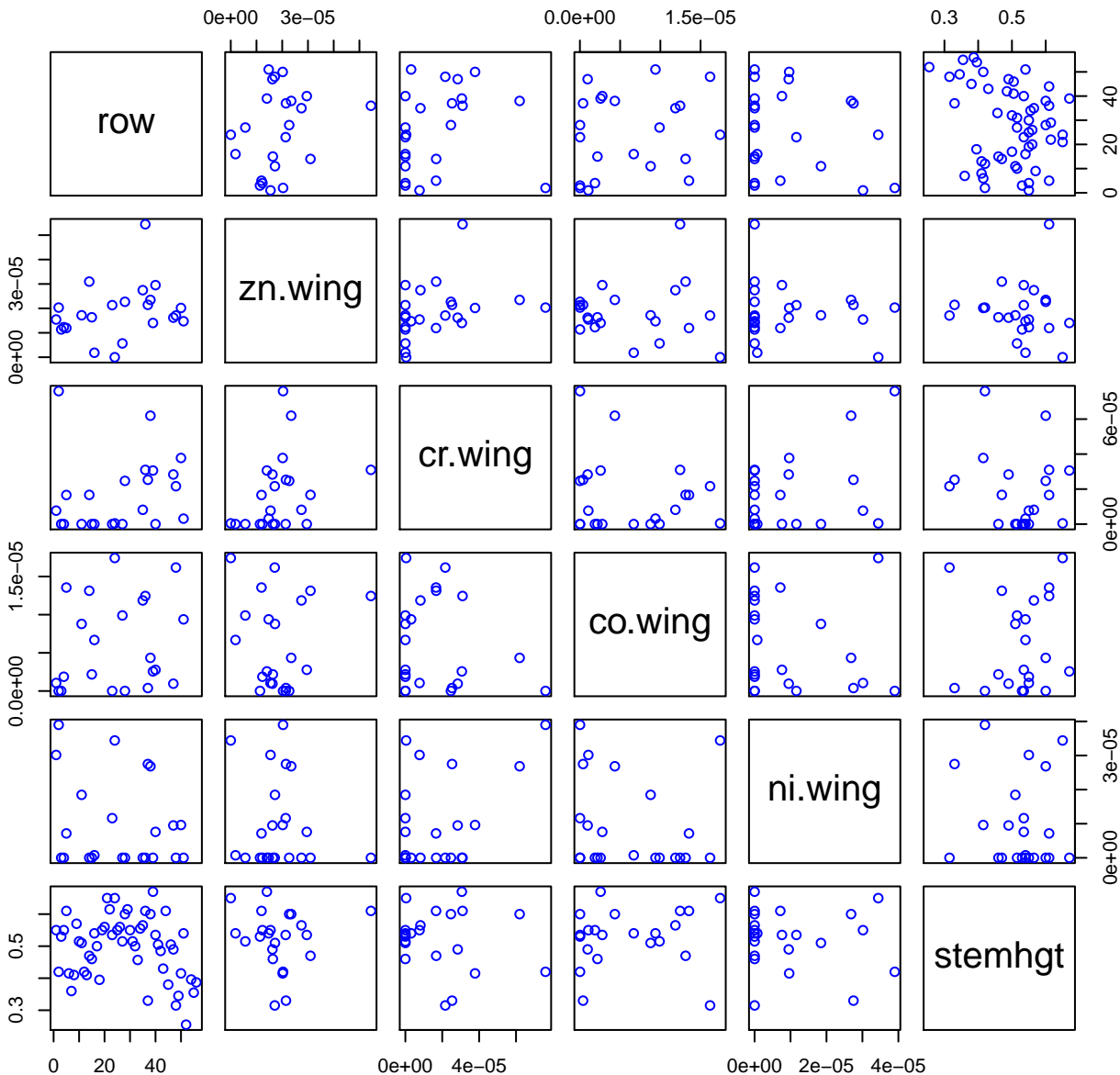
HF327-02 Plot 13



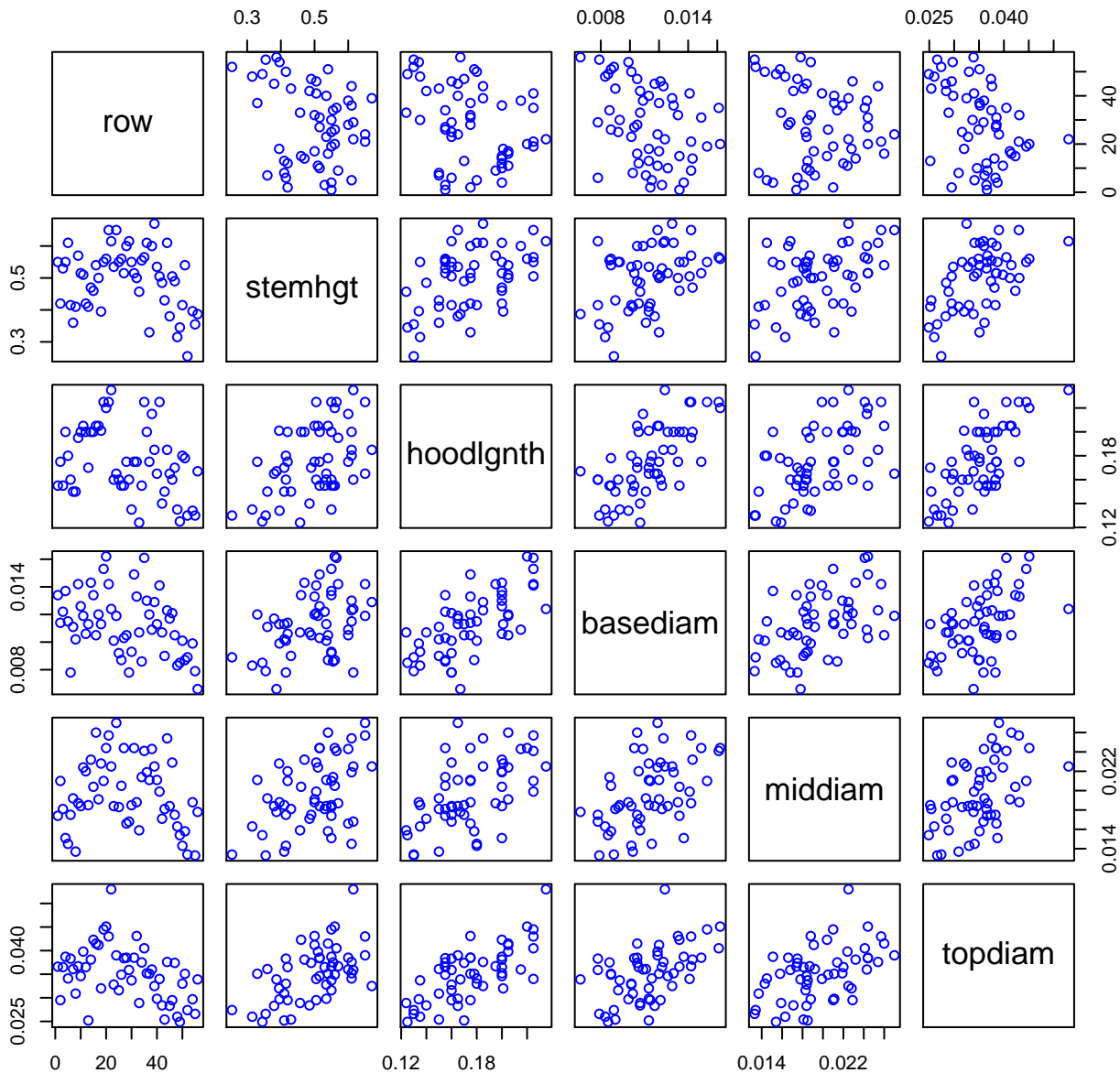
HF327-02 Plot 14



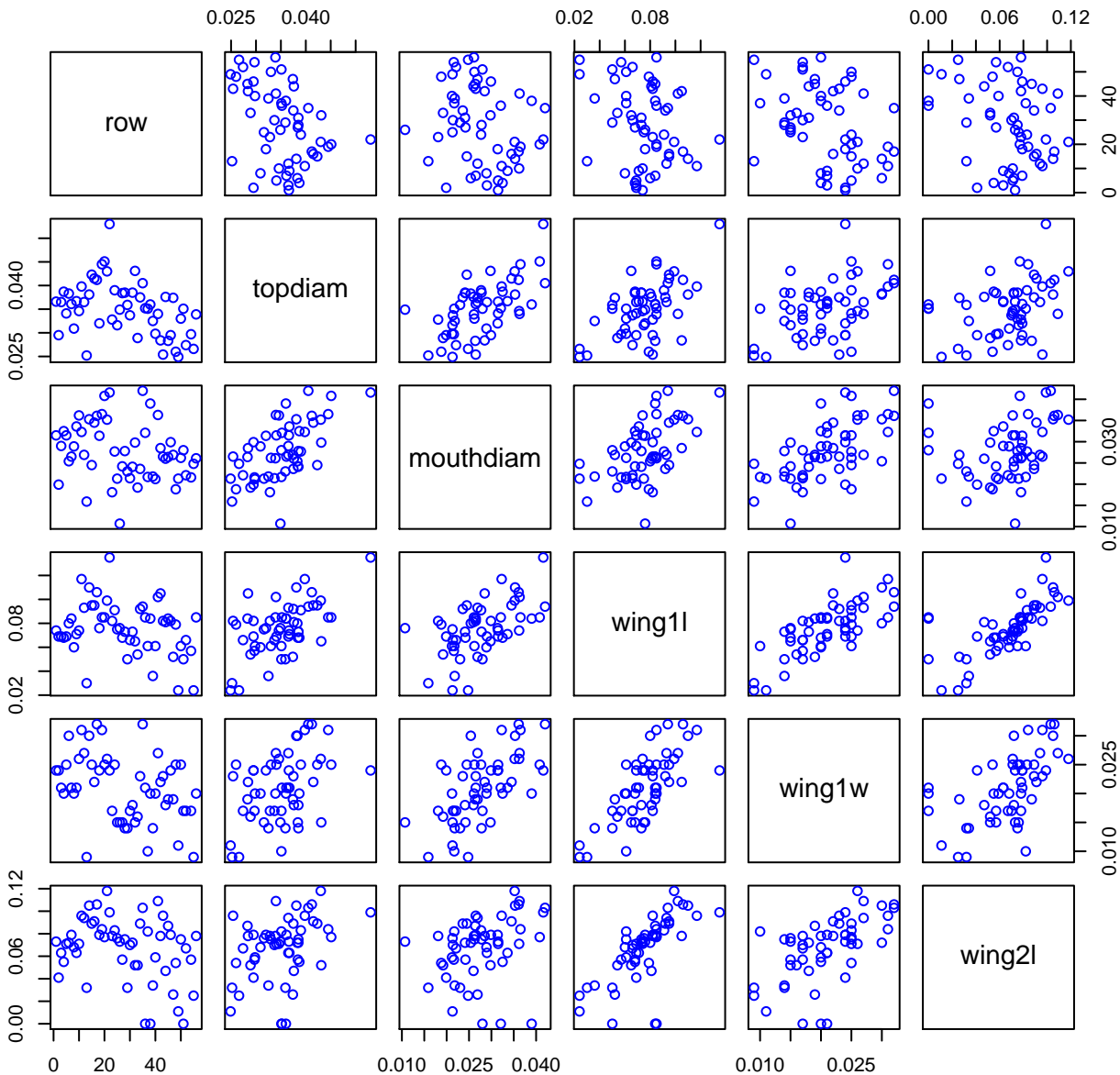
HF327-02 Plot 15



HF327-02 Plot 16



HF327-02 Plot 17



HF327-02 Plot 18

