```
Loadings:
                                                                                     PC9
                     0.817 0.286 -0.344 -0.101 0.115
tas_breadth
                                                                                      0.262
                     -0.338 -0.659 0.402 0.153 -0.245
tas_position
                     -0.666 0.485 0.416 -0.137
                                                                                      0.326
pcp breadth
                     -0.764 0.239 0.405
                                                      0.212 -0.151 -0.229 0.127 -0.110
pcp_position
                     -0.123 0.790
                                                                                      -0.107
                     -0.387 -0.466 -0.363 0.223
                                                     0.604 -0.232 0.109
wtr_mass
                                                                                      0.107
pair_age
                     0.375 0.473
boundary_length
                     0.620 0.109 0.633 0.133
                                                             -0.147 0.116 0.378
                PC1 PC2 PC3 PC4 PC5 PC6 PC7 PC8 PC9 2.795 1.878 1.686 1.126 0.739 0.590 0.543 0.298 0.224
SS loadings
Proportion Var 0.279 0.188 0.169 0.113 0.074 0.059 0.054 0.030 0.022
Cumulative Var 0.279 0.467 0.636 0.748 0.822 0.881 0.936 0.965 0.988
    PC3.boundarylength + PC4.dispersalability, data = mydata, phy = mytree, model = "lambda")
Raw residuals:
Min 1Q Median
Min 1Q Median 3Q Max
-2.73216 -0.60811 -0.09543 0.74091 2.57661
Mean tip height: 104.1374
Parameter estimate(s) using ML:
lambda : 0.0000001
sigma2: 0.009609122
                     18.550271 0.065960 281.2338 < 0.000000000000000022 ***
                                                        0.0000000136908 ***
                      0.389256 0.066101 5.8888
0.308573 0.066101 4.6682
                                                        0.0000051630607 ***
                                                        0.00000000000566 ***
                      0.454677 0.066101
                                          6.8785
                                          -0.3459
PC4.dispersalability -0.022863 0.066101
R-sauared: 0.3112
                       Adjusted R-squared: 0.2992
Note: p-values and R-squared are conditional on lambda=0.0000001.
```

