

```
1 lhs op rhs est
2 1 PC1 =~ FloCol 1
3 2 PC1 =~ StemCol 0.965097225157943
4 3 PC1 =~ LeafSize -0.733091440409126
5 4 PC1 =~ FlowStemCol 0.992593688676083
6 5 PC1 =~ NoPodsWeight -0.725350214868975
7 6 PC1 =~ PodLength -0.846655570116342
8 7 PC1 =~ PodWidth -0.875144639766908
9 8 PC1 =~ SeedCol 0.905693108125906
10 9 PC1 =~ Seed1000W -0.871611225510218
11 10 PC2 =~ PodsWeight 1
12 11 PC2 =~ PodsNumber 0.950487848008049
13 12 PC2 =~ SeedsNumber 0.854794060195724
14 13 PC2 =~ SeedsWeight 1.08555024379554
15 14 PC4 =~ Germ 1
16 15 PC4 =~ BushShape -0.0277427005983767
17 16 PC4 =~ AscoRes -2.37500624247458
18 17 PC4 =~ StemBr 0.613253575970243
19 18 PC4 =~ Height -21.3635435195917
20 19 PC4 =~ Hlp -3.67619806027789
21 20 PC4 =~ SeedShape 0.528910991105636
22 21 PC5 =~ BegFEndF 1
23 22 PC5 =~ StemBr 0.00960551056936417
24 23 PC5 =~ StemBr1ord -0.0456416220745901
25 24 PC5 =~ StemBr2ord -0.0295493410828752
26 25 PC5 =~ EndFBegM -7.46417095597361
27 26 PC7 =~ GBegF 1
28 27 PC7 =~ BegMEndM 0.128621808366755
29 28 PC7 =~ StemBr 0.0874037384848074
30 29 PC7 =~ PodD 0.030035589017422
31 30 PC8 =~ BegMEndM 1
32 31 PC8 =~ StemL1ord 2.12812515738317
33 32 PC8 =~ PodS 2.143003254687
34 33 PC8 =~ PodShape -4.16398274218078
35 34 PC7 ~ PC2 0.182285253150601
36 35 PC4 ~ PC8 -0.243538064121398
37 36 PC5 ~ PC1 0.039042864576319
38 37 PC5 ~ PC8 0.229770864898621
39 38 PC1 ~ PC2 0.387862407213664
40 39 PC1 ~ PC8 -10.3494133852754
41 40 PC8 ~ PC2 0.0727164987618626
42 41 FloCol ~~ FloCol 0.2552383836345
43 42 StemCol ~~ StemCol 0.306197422575358
44 43 LeafSize ~~ LeafSize 0.59863023784418
45 44 FlowStemCol ~~ FlowStemCol 0.266243464379939
46 45 NoPodsWeight ~~ NoPodsWeight 0.607010147664456
47 46 PodLength ~~ PodLength 0.465470920846439
48 47 PodWidth ~~ PodWidth 0.429062631129523
```

```
49 48 SeedCol ~~ SeedCol 0.388683845398163
50 49 Seed1000W ~~ Seed1000W 0.433643709215663
51 50 PodsWeight ~~ PodsWeight 0.203844726134451
52 51 PodsNumber ~~ PodsNumber 0.280495425807381
53 52 SeedsNumber ~~ SeedsNumber 0.417606031120155
54 53 SeedsWeight ~~ SeedsWeight 0.062240440449654
55 54 Germ ~~ Germ 0.991644795811347
56 55 BushShape ~~ BushShape 0.997522134323513
57 56 AscoRes ~~ AscoRes 0.966446803861127
58 57 StemBr ~~ StemBr 0.988593284918503
59 58 Height ~~ Height -1.5179593033446
60 59 Hlp ~~ Hlp 0.923070619714692
61 60 SeedShape ~~ SeedShape 0.995983374562327
62 61 BegFEndF ~~ BegFEndF 0.88802191355462
63 62 StemBr1ord ~~ StemBr1ord 0.997298403679453
64 63 StemBr2ord ~~ StemBr2ord 0.997430903614475
65 64 EndFBegM ~~ EndFBegM -5.11136937588221
66 65 GBegF ~~ GBegF -0.0424003620402328
67 66 BegMEndM ~~ BegMEndM 0.959246384546106
68 67 PodD ~~ PodD 0.996587414864233
69 68 StemL1ord ~~ StemL1ord 0.946389262692309
70 69 PodS ~~ PodS 0.945669057798871
71 70 PodShape ~~ PodShape 0.801749940785622
72 71 PC1 ~~ PC1 -0.123052295738514
73 72 PC2 ~~ PC2 0.793673594010816
74 73 PC4 ~~ PC4 0.00486094667017035
75 74 PC5 ~~ PC5 0.109846579555536
76 75 PC7 ~~ PC7 1.01713913306229
77 76 PC8 ~~ PC8 0.00709310588267064
78 77 PC4 ~~ PC5 0.000573091383840684
79 78 PC4 ~~ PC7 0.0014687812648592
80 79 PC5 ~~ PC7 0.0313153185191937
81
```