– Phylter v. 0.9.4 –
Wed Jan 4 18:00:03 2023
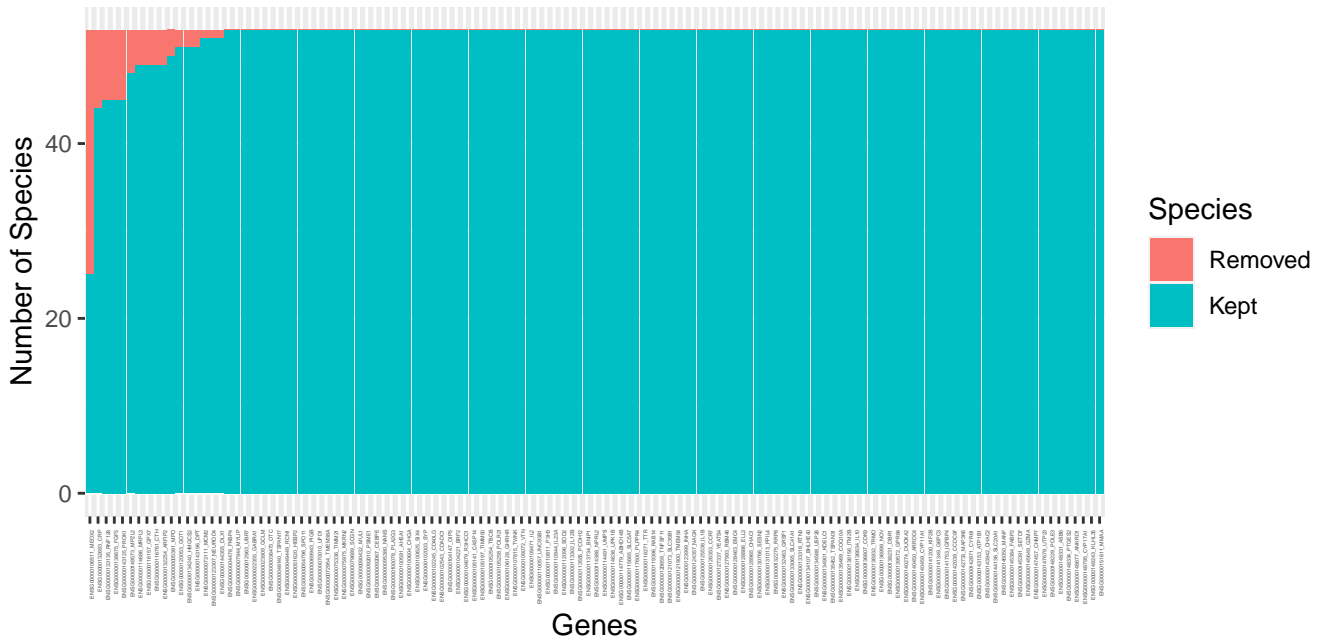

Call: phylter(X = carnivora)

Initial number of genes passed to Phylter: 125
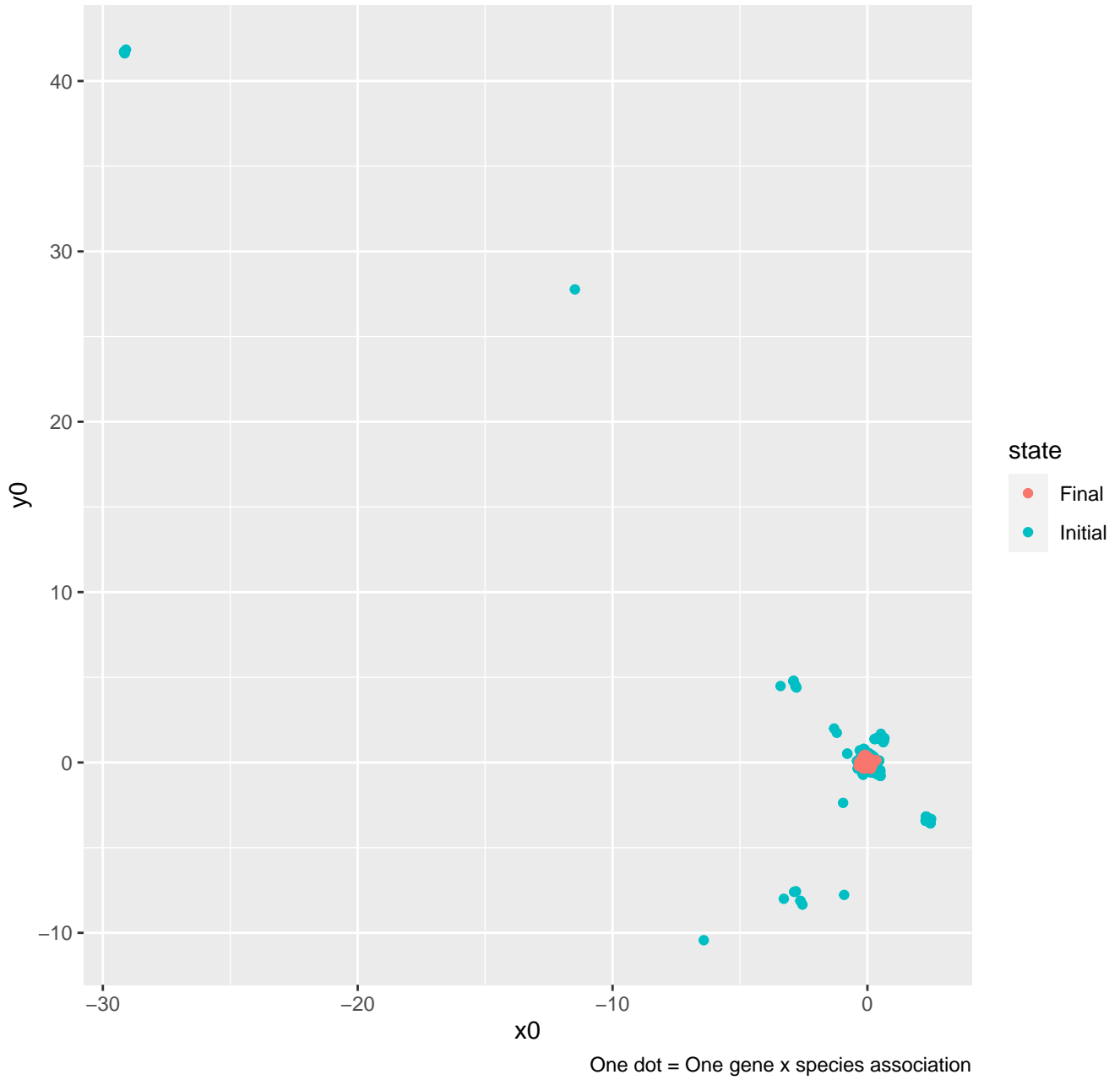**Number of genes discarded before the analysis: 0**

Number of genes analyzed: 125
Number of species analyzed: 53
Total number of outliers detected: 94
Number of complete gene outliers : 0
Number of complete species outliers : 0
Initial score of the compromise: 0.862353534028202
Final score of the compromise: 0.944259987303488
Gain: 8.19%
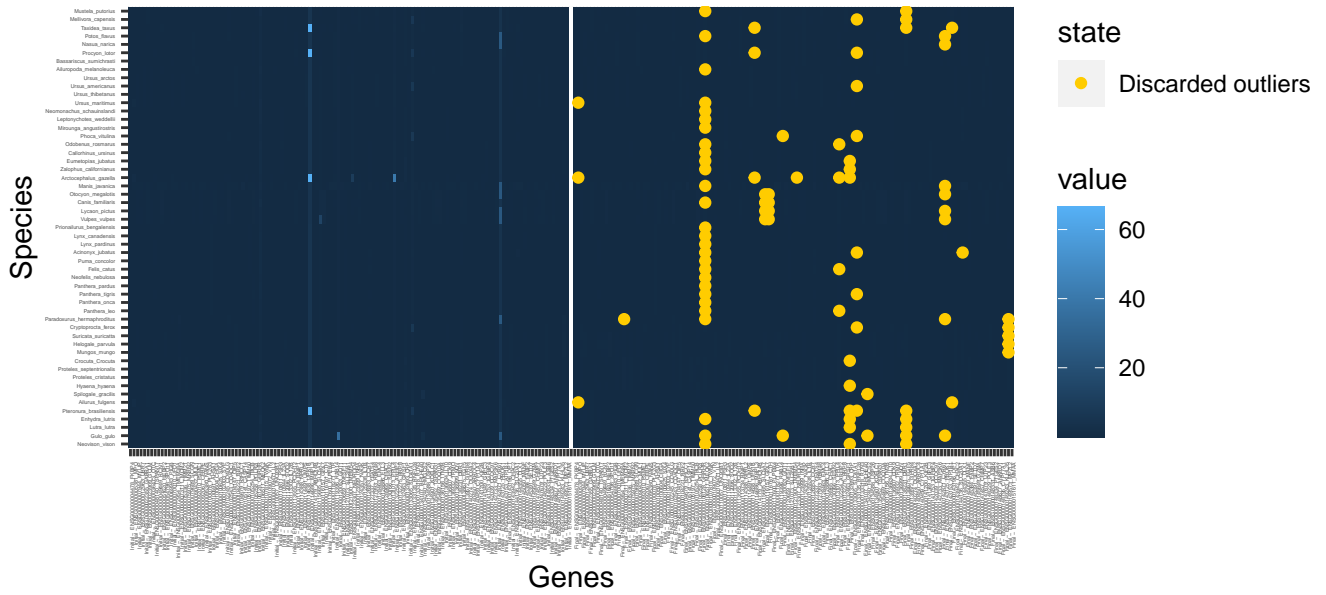**Loss (data filtering): 1.42%**
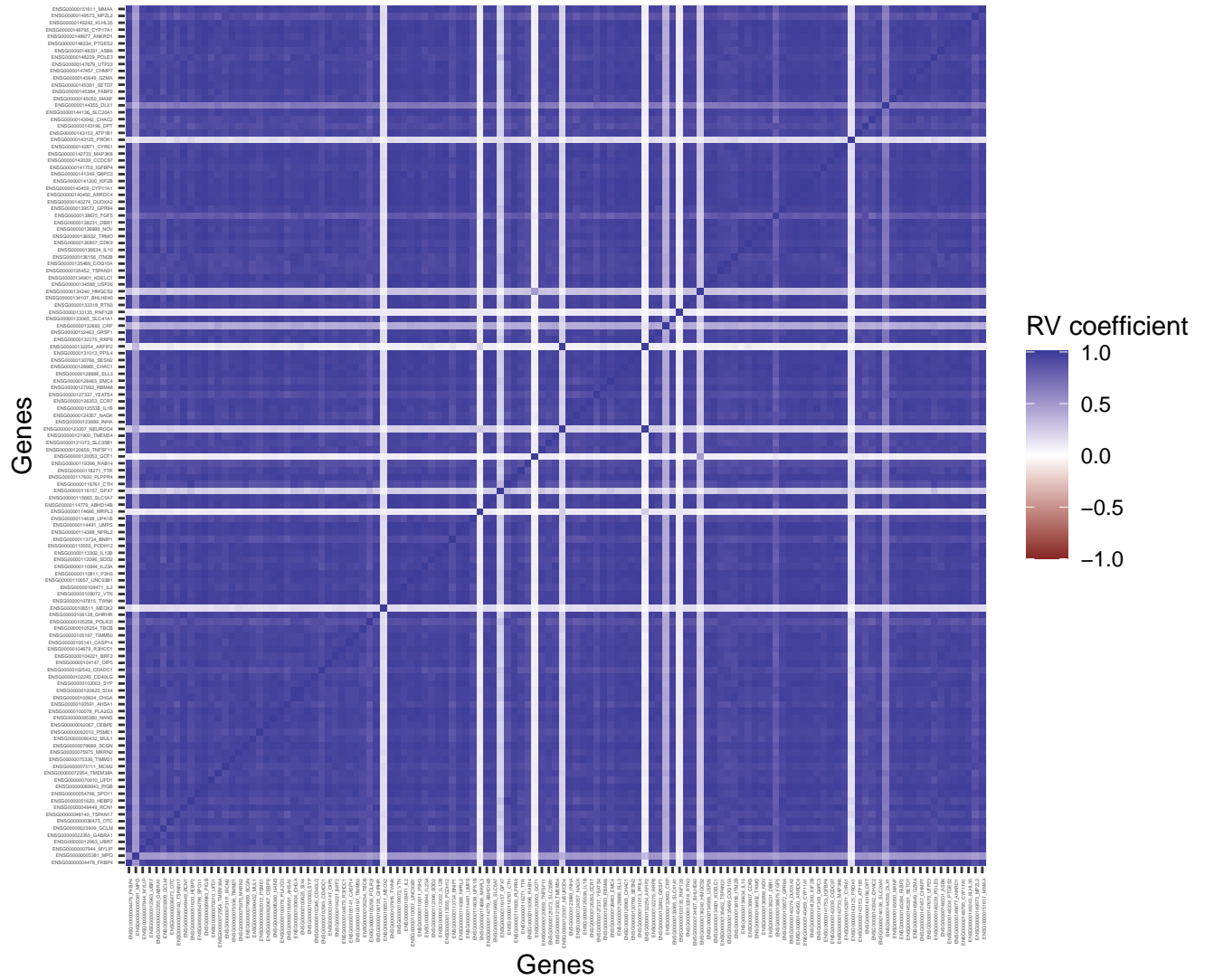
See text report for full details

Species per gene

Number of Species

Genes

Species
Removed
Kept

Genes per species

Dispersion of data before and after removal of phylter−identified outliers

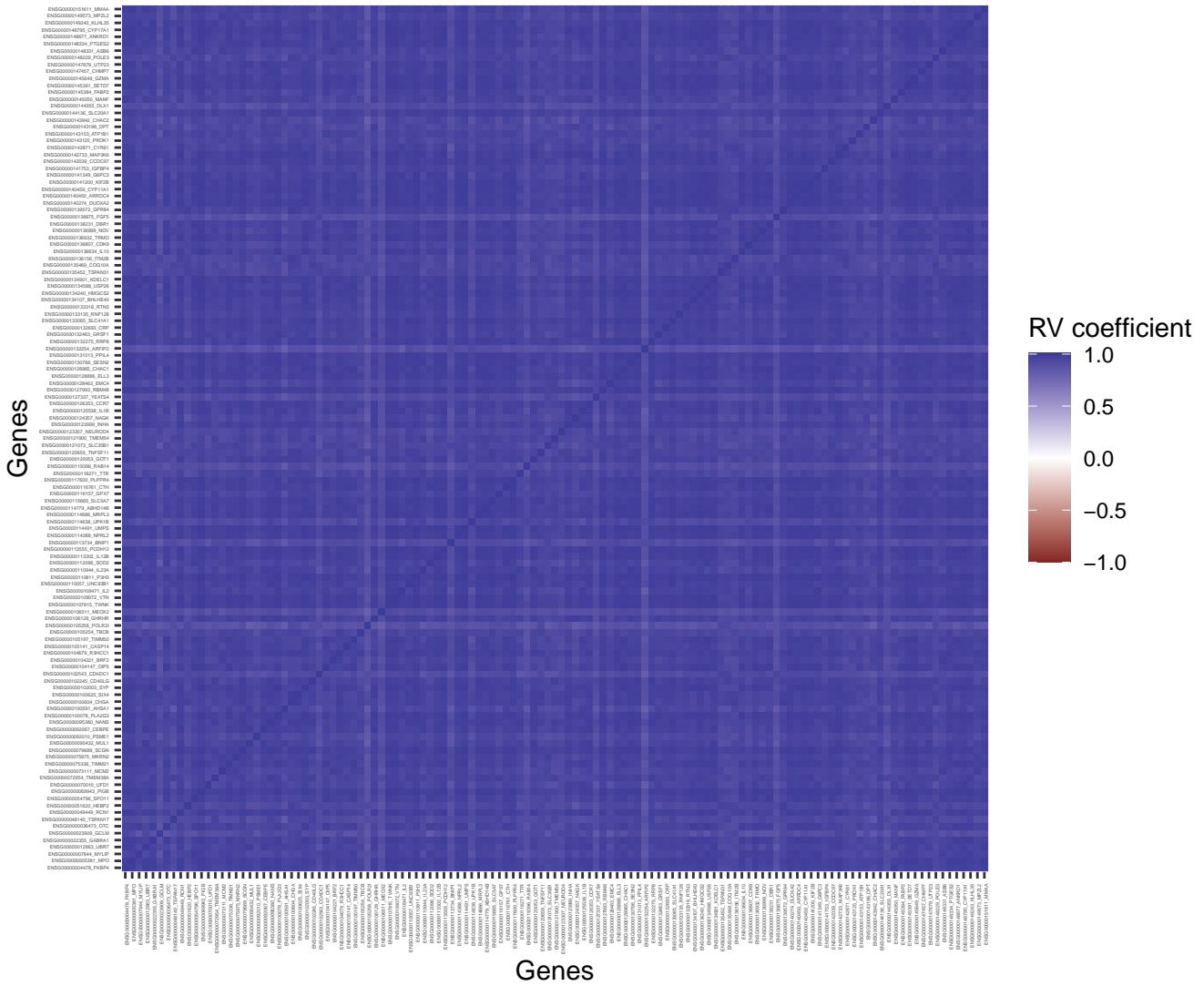One dot = One gene x species association

gene x species matrix before (left) and after (right) removal of phylter-identified outliers

Initial vector correlation coefficients (RV) between genes

Final vector correlation coefficients (RV) between genes

Evolution of the compromise score with the optimization steps