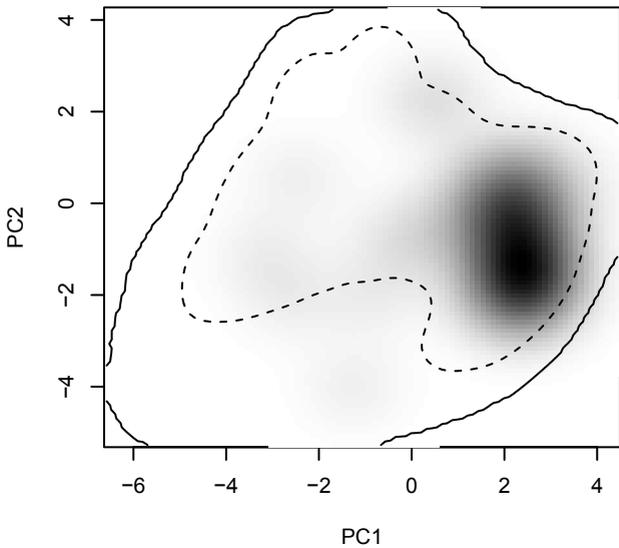
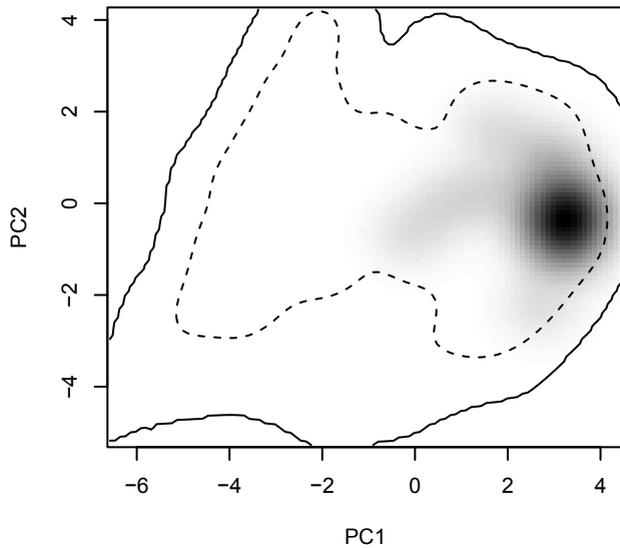


Supplementary figure S6. Pairwise comparison of niches in climatic space (PCA-env) of species within each of the *D. chlorogaster*- and *D. defilippii*-complexes. Upper left and upper right plots illustrate the niches of the two taxa compared; density of the occurrences of each species by cell is grey-shaded; solid and dashed contour lines illustrate 100% and 50% of the available environmental space, respectively.

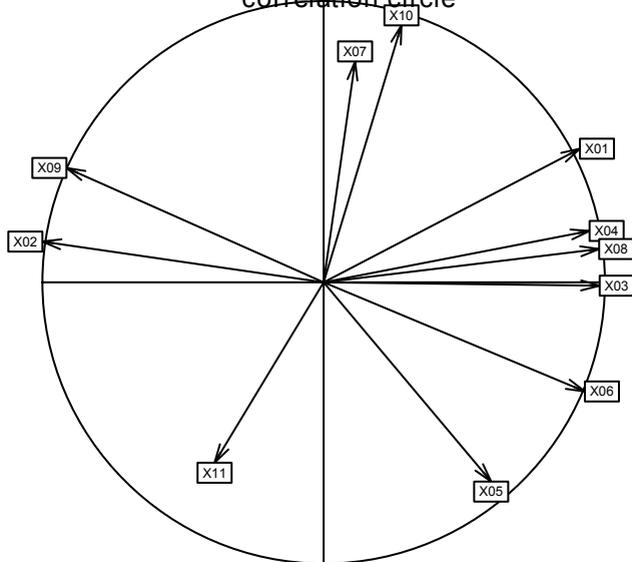
PCA-env - chl niche



PCA-env - cas niche



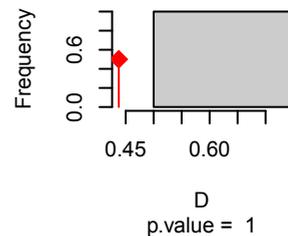
correlation circle



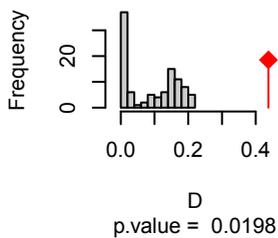
axis1 = 56.79 % axis2 = 24.34 %

Equivalency

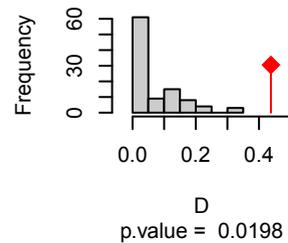
niche overlap:
D= 0.438



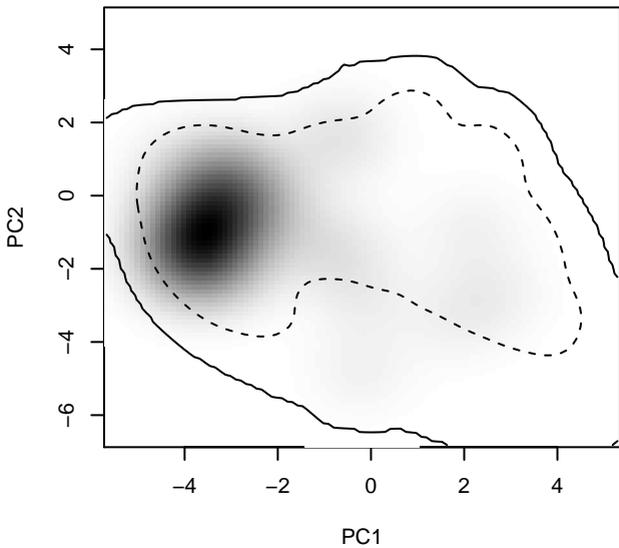
Similarity 2->1



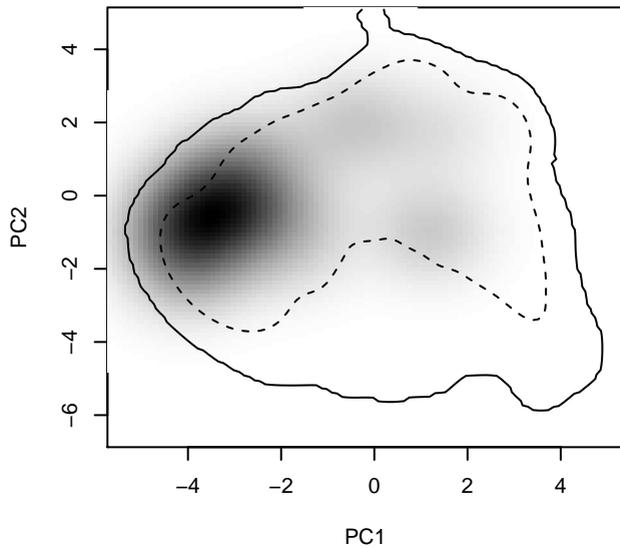
Similarity 1->2



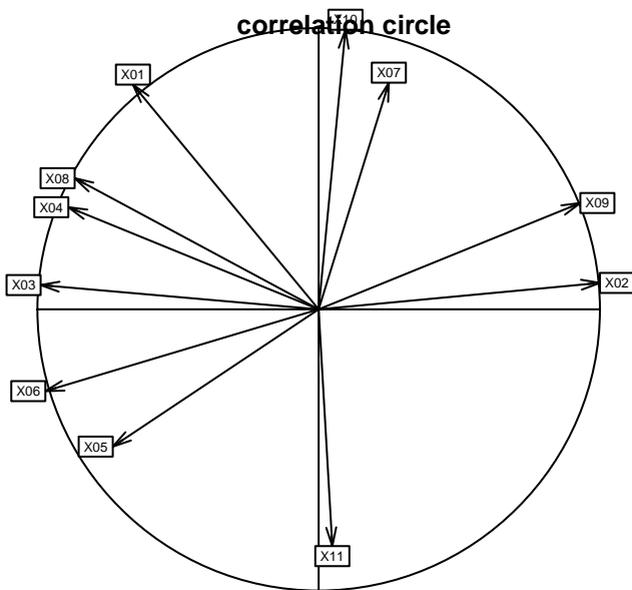
PCA-env - chl niche



PCA-env - kam niche



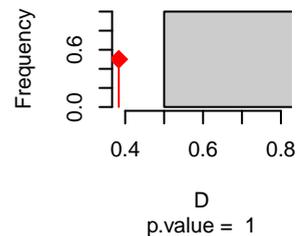
correlation circle



axis1 = 50.54 % axis2 = 30.24 %

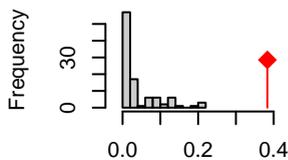
Equivalency

niche overlap:
D= 0.383



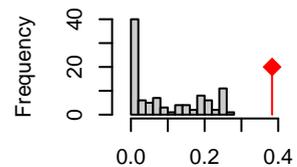
p.value = 1

Similarity 2→1



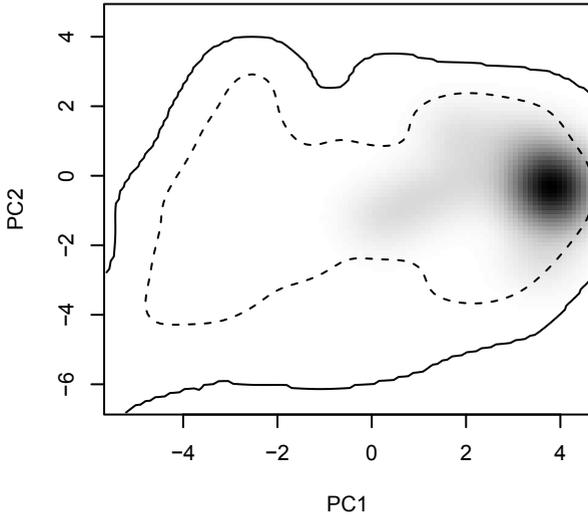
D
p.value = 0.0198

Similarity 1→2

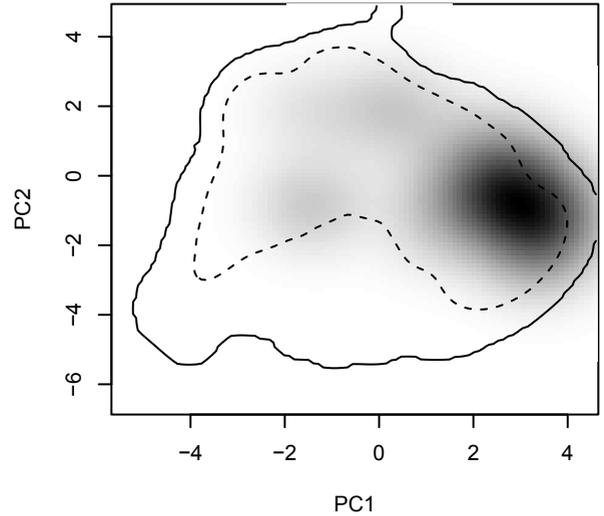


D
p.value = 0.0198

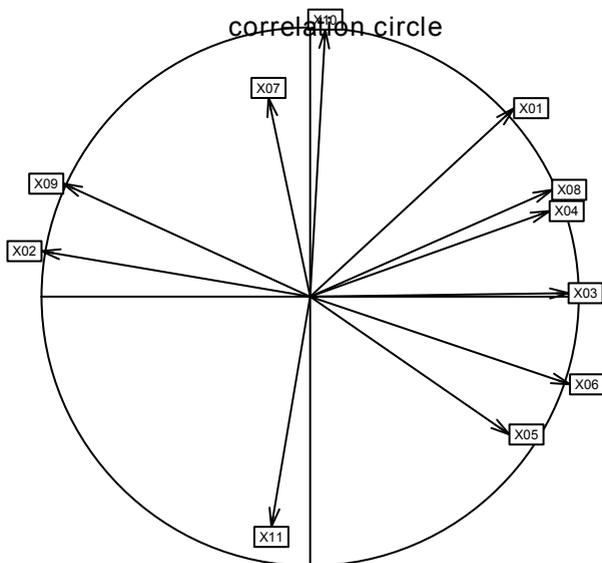
PCA-env - cas niche



PCA-env - kam niche



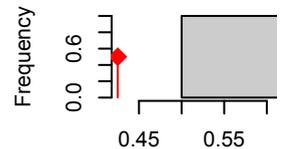
correlation circle



axis1 = 51.94 % axis2 = 28.68 %

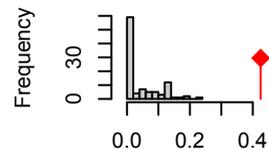
niche overlap:
D = 0.425

Equivalency



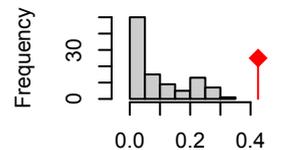
D
p.value = 1

Similarity 2->1



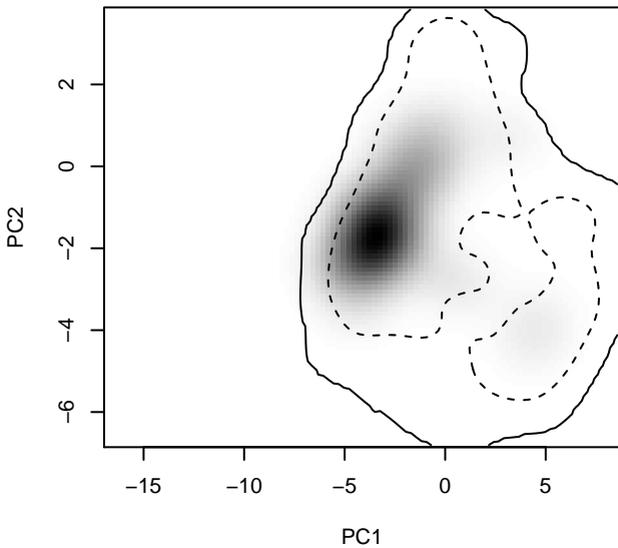
D
p.value = 0.0198

Similarity 1->2

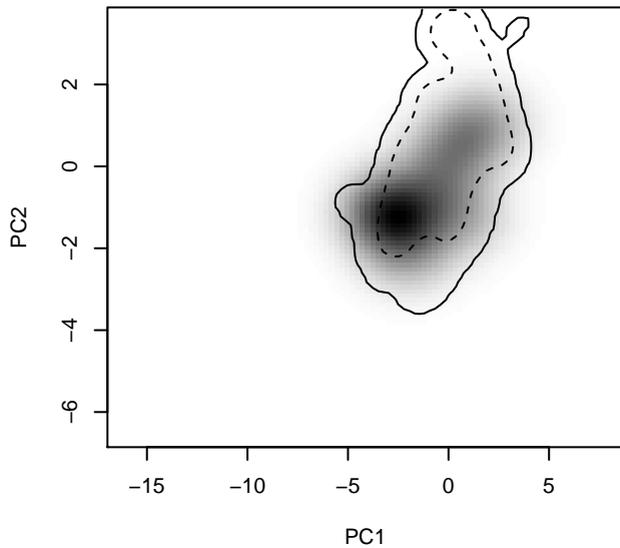


D
p.value = 0.0198

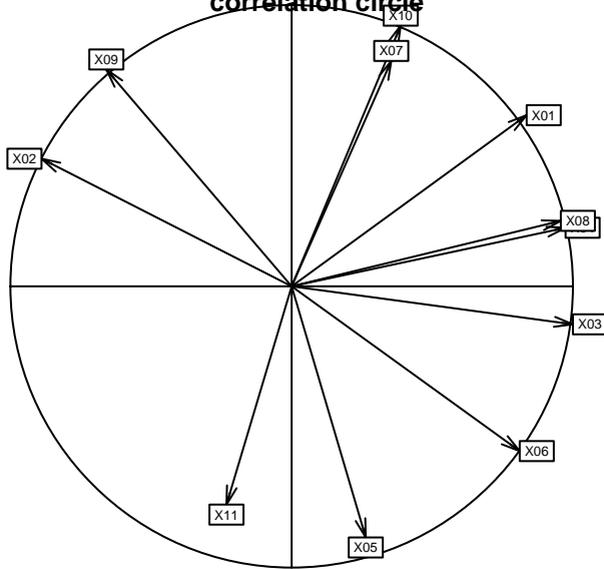
PCA-env – def niche



PCA-env – kop niche



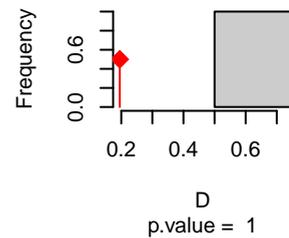
correlation circle



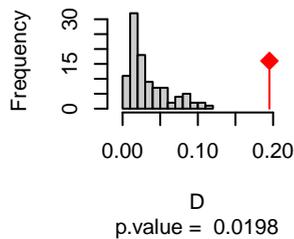
axis1 = 47.51 % axis2 = 36.83 %

Equivalency

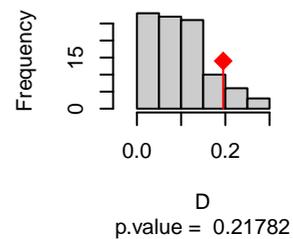
niche overlap:
D= 0.195



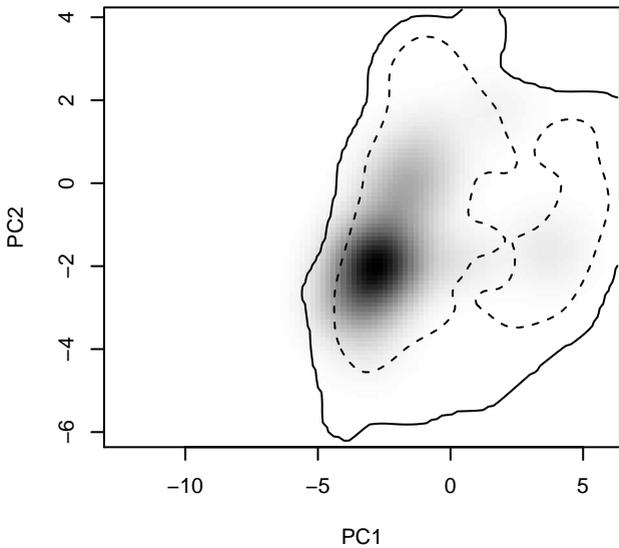
Similarity 2→1



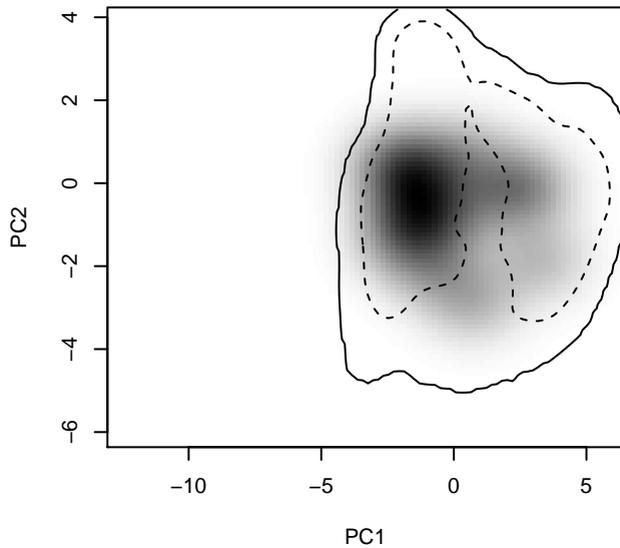
Similarity 1→2



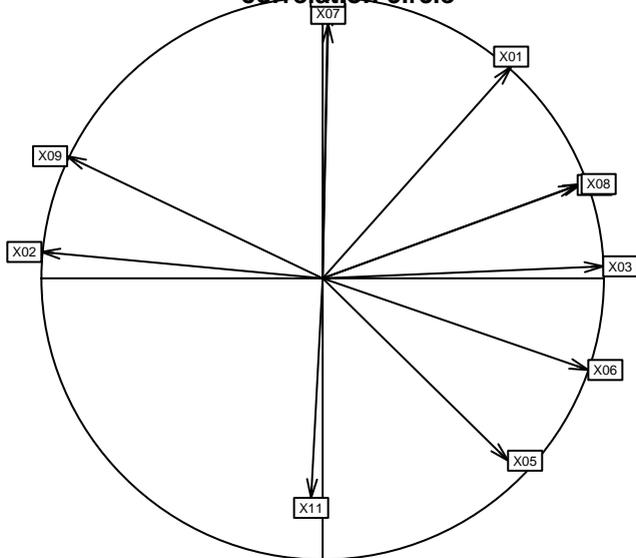
PCA-env – def niche



PCA-env – sch niche



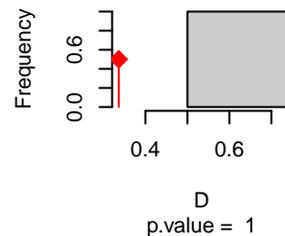
correlation circle



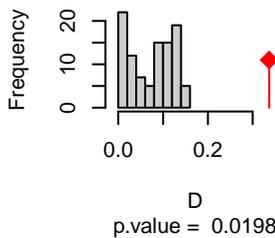
axis1 = 53.63 % axis2 = 33.15 %

Equivalency

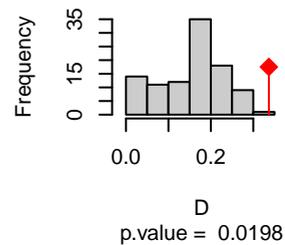
niche overlap:
D= 0.337



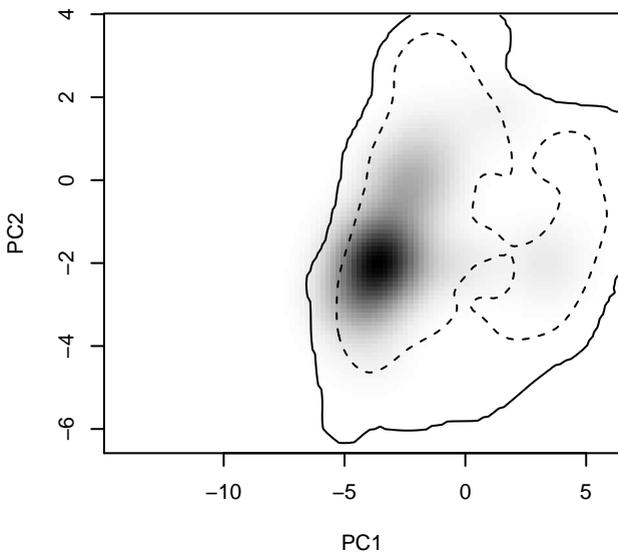
Similarity 2→1



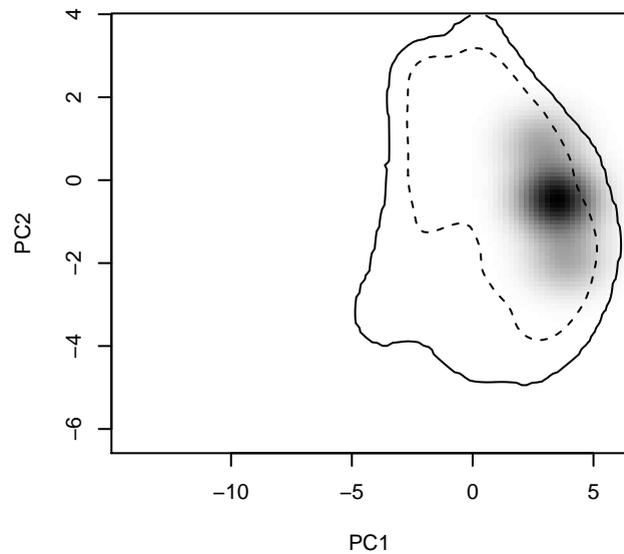
Similarity 1→2



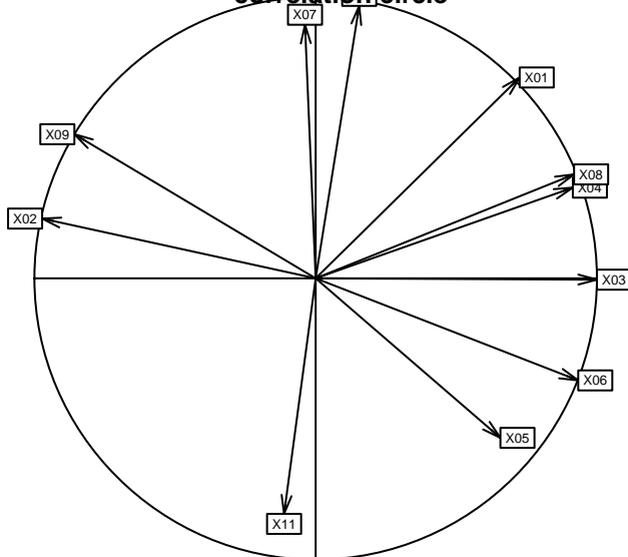
PCA-env – def niche



PCA-env – ste niche



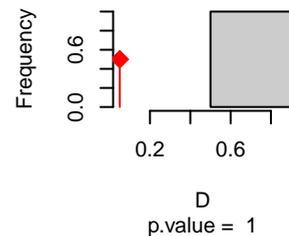
correlation circle



axis1 = 52.12 % axis2 = 33.17 %

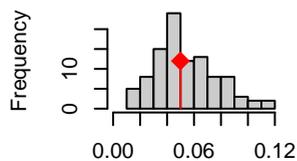
Equivalency

niche overlap:
D= 0.05



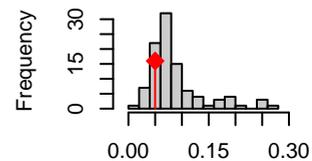
p.value = 1

Similarity 2→1



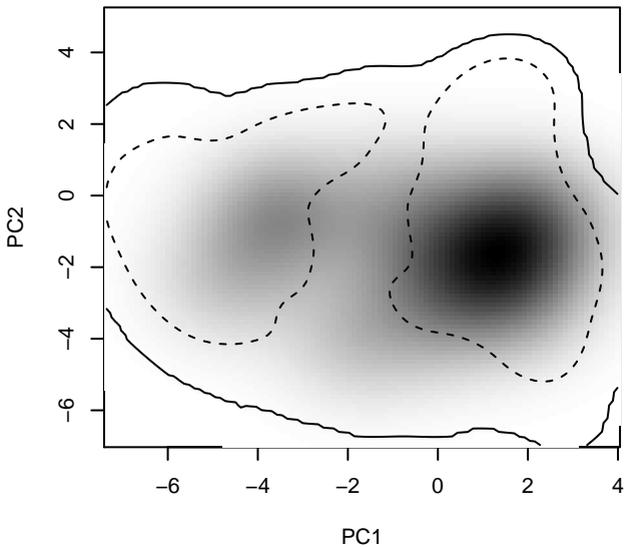
D
p.value = 0.9703

Similarity 1→2

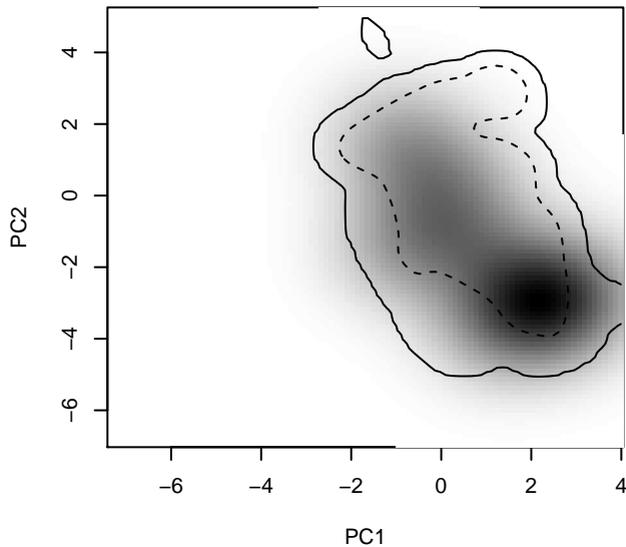


D
p.value = 0.33663

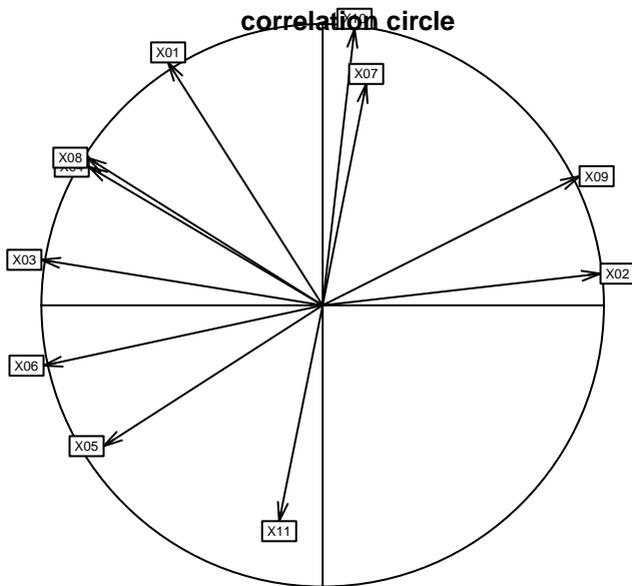
PCA-env – sch niche



PCA-env – kop niche



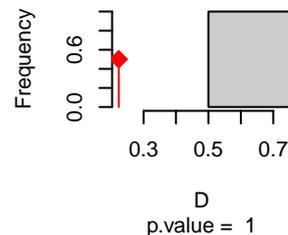
correlation circle



axis1 = 50.8 % axis2 = 32.9 %

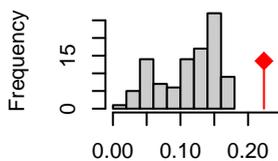
Equivalency

niche overlap:
D= 0.224



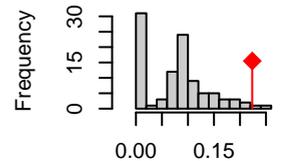
p.value = 1

Similarity 2→1



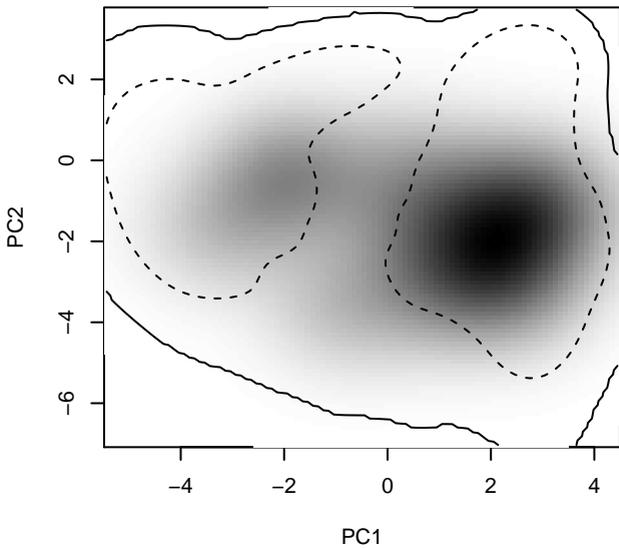
p.value = 0.0198

Similarity 1→2

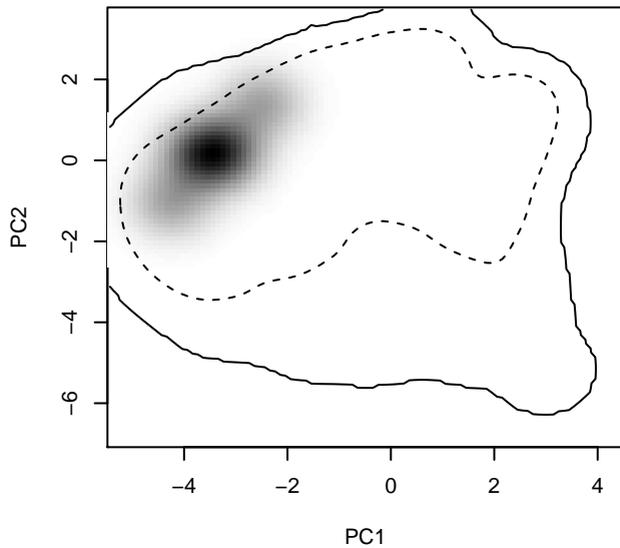


p.value = 0.05941

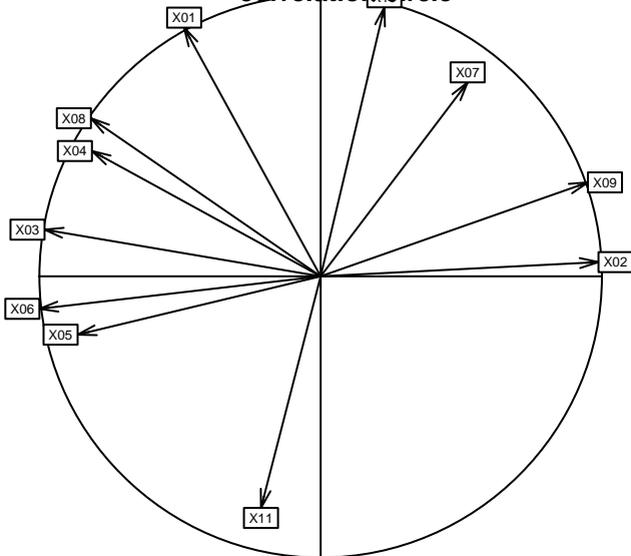
PCA-env – sch niche



PCA-env – ste niche



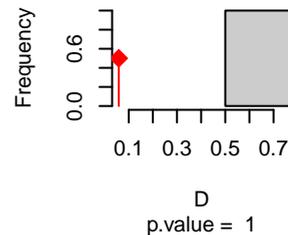
correlation circle



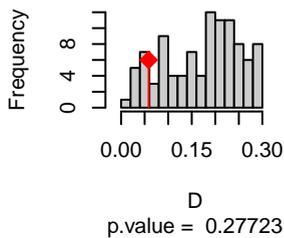
axis1 = 55.4 % axis2 = 30.26 %

Equivalency

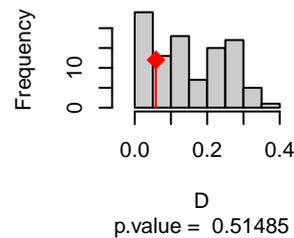
niche overlap:
D= 0.059



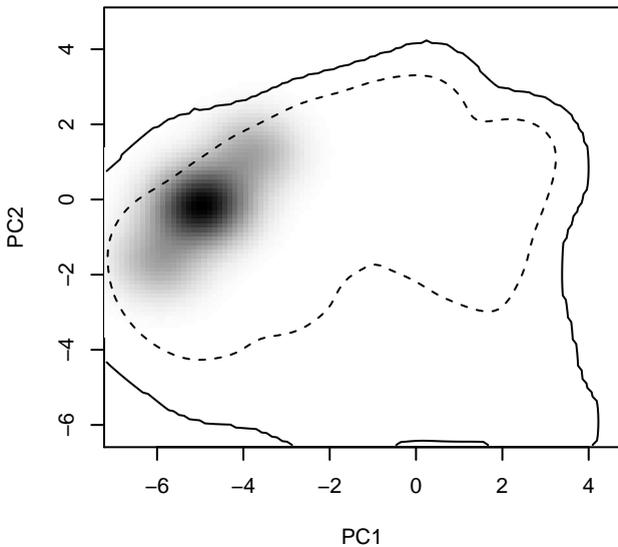
Similarity 2→1



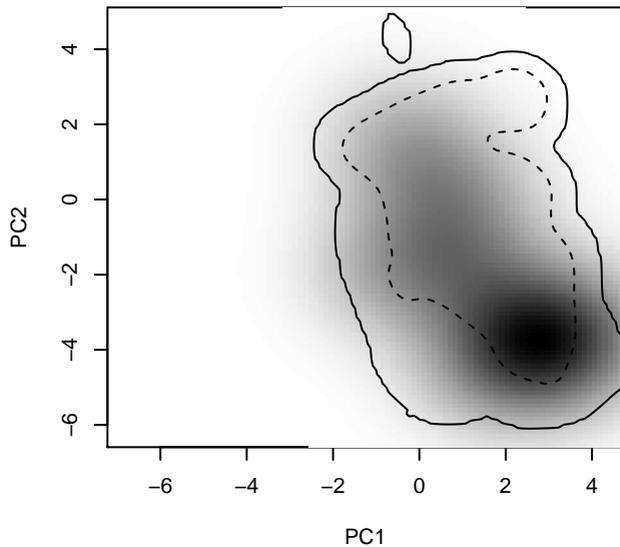
Similarity 1→2



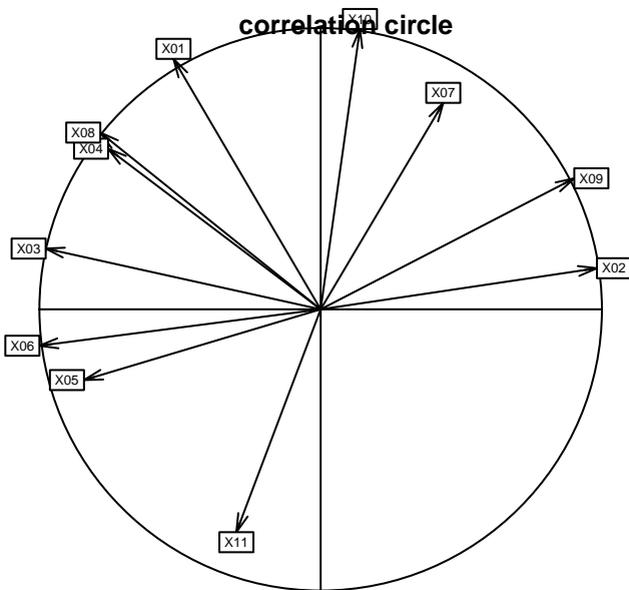
PCA-env – ste niche



PCA-env – kop niche



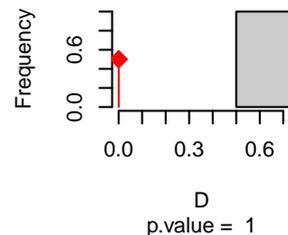
correlation circle



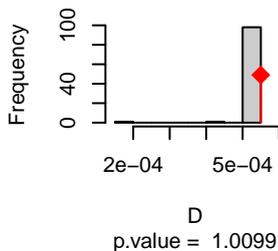
axis1 = 50.45 % axis2 = 32.87 %

Equivalency

niche overlap:
D= 0.001



Similarity 2→1



Similarity 1→2

