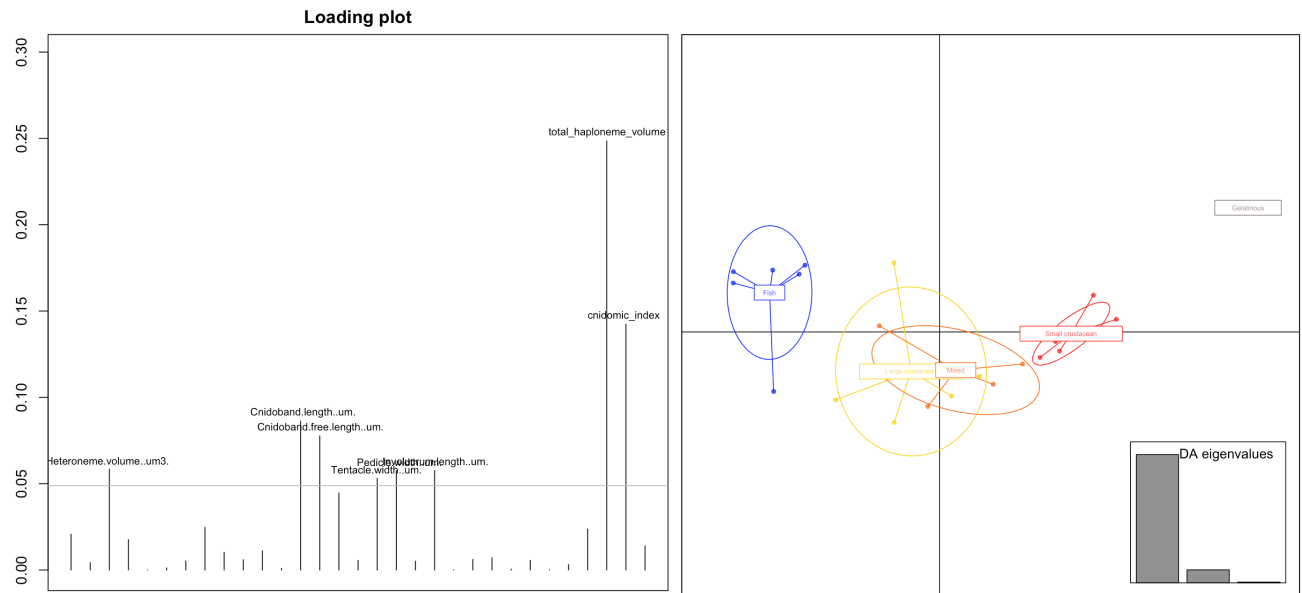15.1) DAPC for Feeding guilds. Cases with NAs were transformed to zeroes. Three PCs and two DAs used (lowest MSE). cnidomic_index is the total cnidoband nematocyst volume. Discriminant power: 86%. Prediction posterior distribution heat map in main text Figure 6.

15.2) DAPC for Feeding guilds. The cases with NAs were removed instead of transforming them to zeroes. 4 PCs and 3 DAs used (lowest MSE). Discriminant power: 100%.
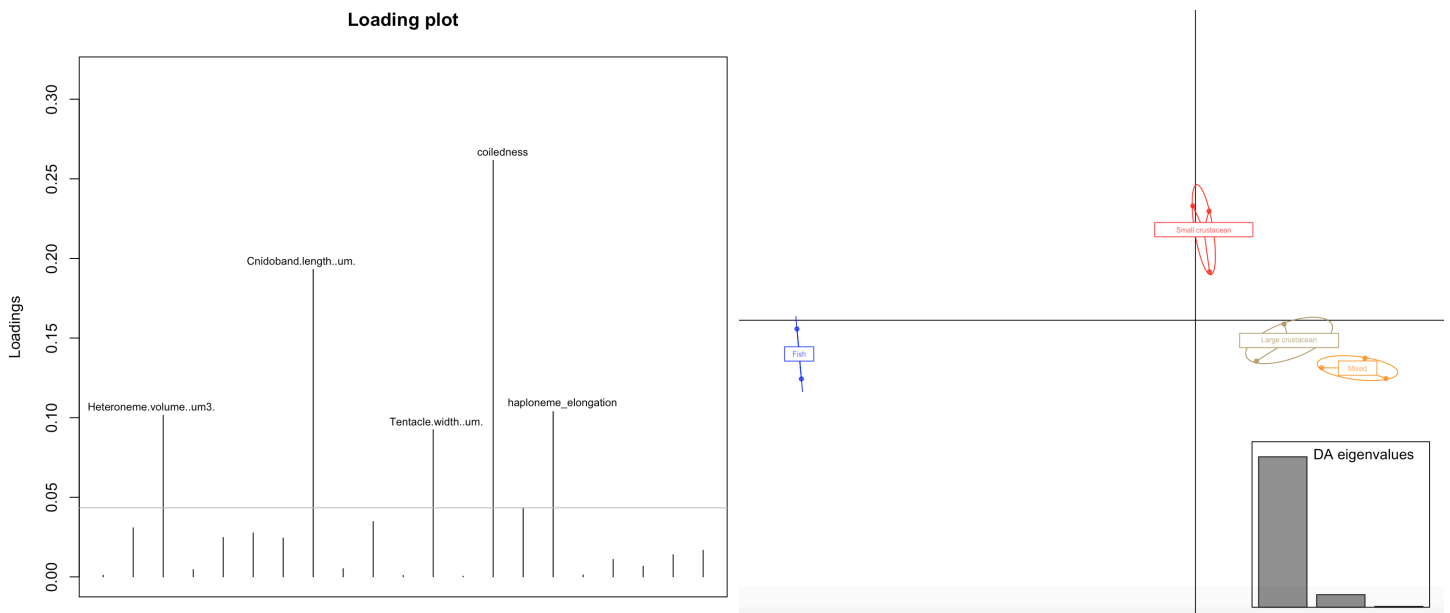
15.3) Posterior probability distribution of DAPC predictions for Feeding guilds with inapplicable states removed. Posterior probability greyscale: white = 0, black = 1.
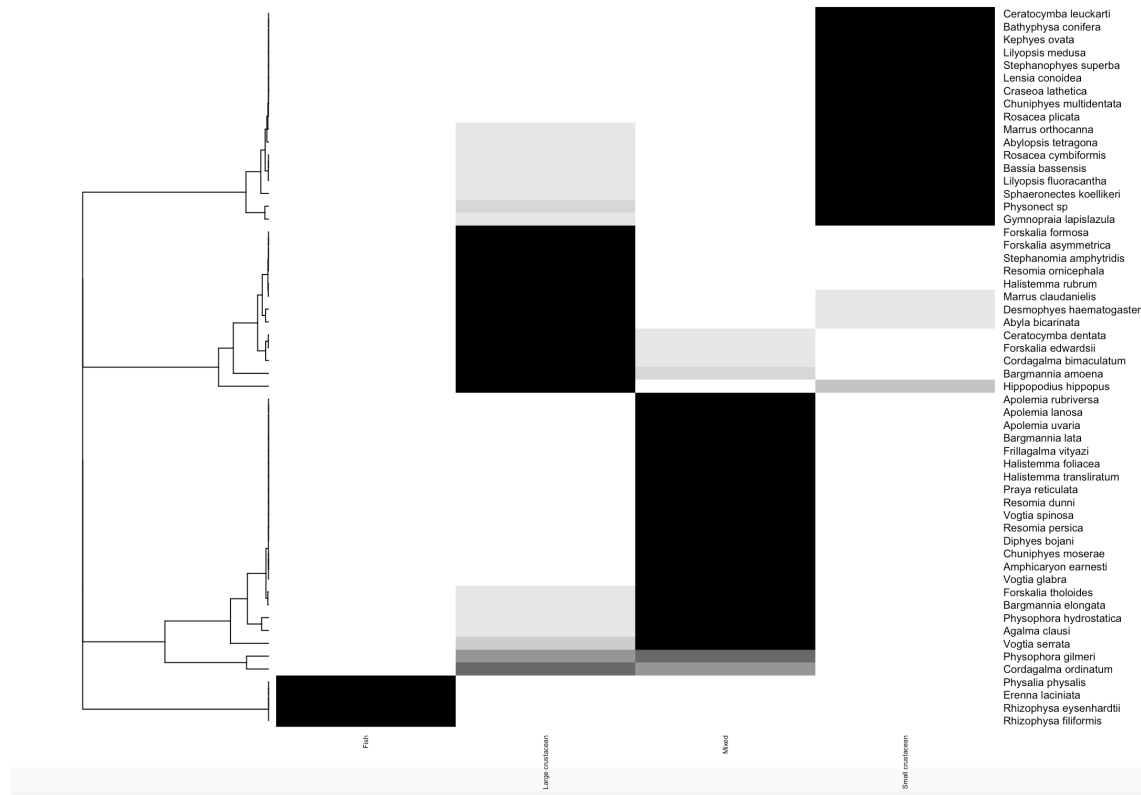
15.4) DAPC for copepod presence in the diet. Five PCs and 1 DA used (lowest MSE). SAV_ haploneme is the surface area/volume ratio of haploneme nematocysts. Blue: Copepods absent. Red: Copepods present. Discriminant power: 100%.
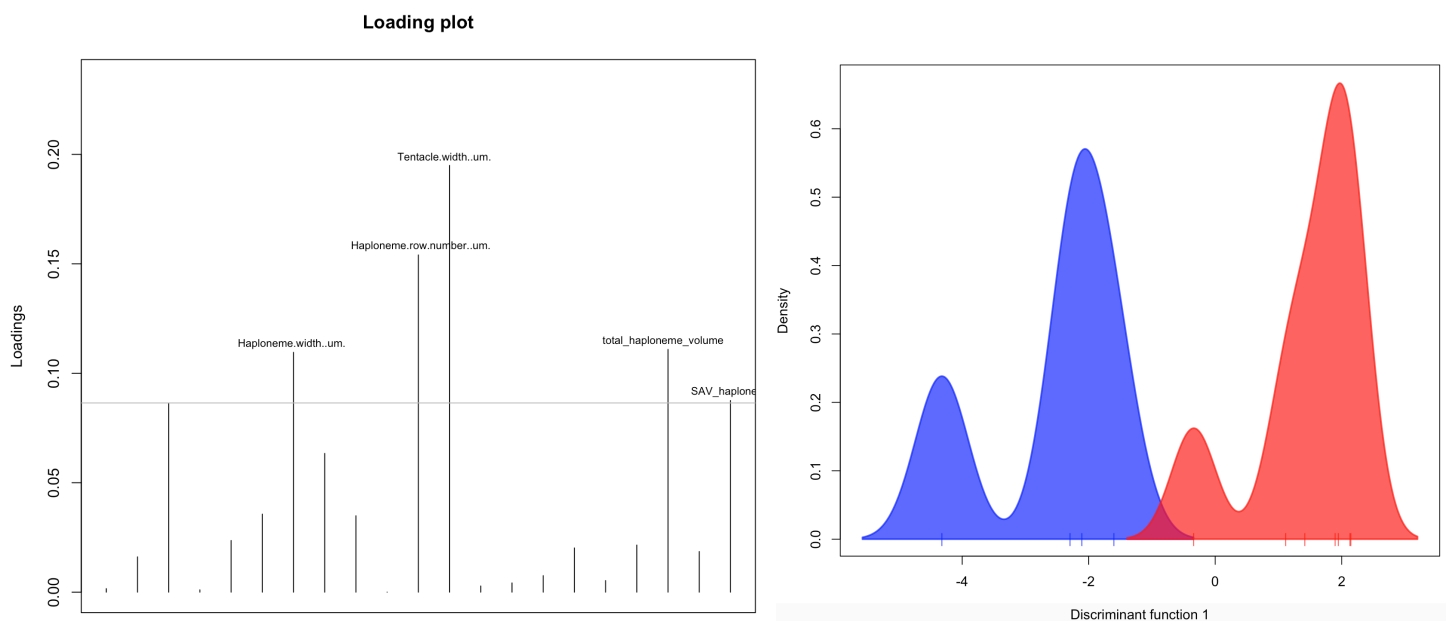
15.5) Posterior probability distribution of DAPC predictions for copepod presence in the diet with inapplicable states removed. Posterior probability greyscale: white = 0, black = 1.

Amphicaryon earnesti
Abyla bicarinata
Apolemia lanosa
Apolemia rubriversa
Apolemia uvaria
Bargmannia amoena
Bargmannia elongata
Bargmannia lata
Chuniphyes moserae
Cordagalma bimaculatum
Cordagalma ordinatum
Diphyes bojani
Halistemma foliacea
Halistemma transliratum
Marrus orthocanna
Praya reticulata
Sphaeronectes koellikeri
Vogtia glabra
Resomia dunni
Forskalia tholoides
Vogtia spinosa
Lensia conoidea
Hippopodius hippopus
Desmophyes haematogaster
Forskalia edwardsii
Frillagalma vityazi
Gymnopraia lapislazula
Forskalia formosa
Rosacea plicata
Kephyes ovata
Abylopsis tetragona
Forskalia asymmetrica
Marrus claudanielis
Halistemma rubrum
Chuniphyes multidentata
Agalma clausi
Bassia bassensis
Rosacea cymbiformis
Lilyopsis medusa
Vogtia serrata
Physophora hydrostatica
Physonect sp
Stephanophyes superba
Ceratocymba leuckarti
Physalia physalis
Bathyphysa conifera
Rhizophysa eysenhardtii
Rhizophysa filiformis
Erenna laciniata
Stephanomia amphytridis
Physophora gilmeri
Ceratocymba dentata
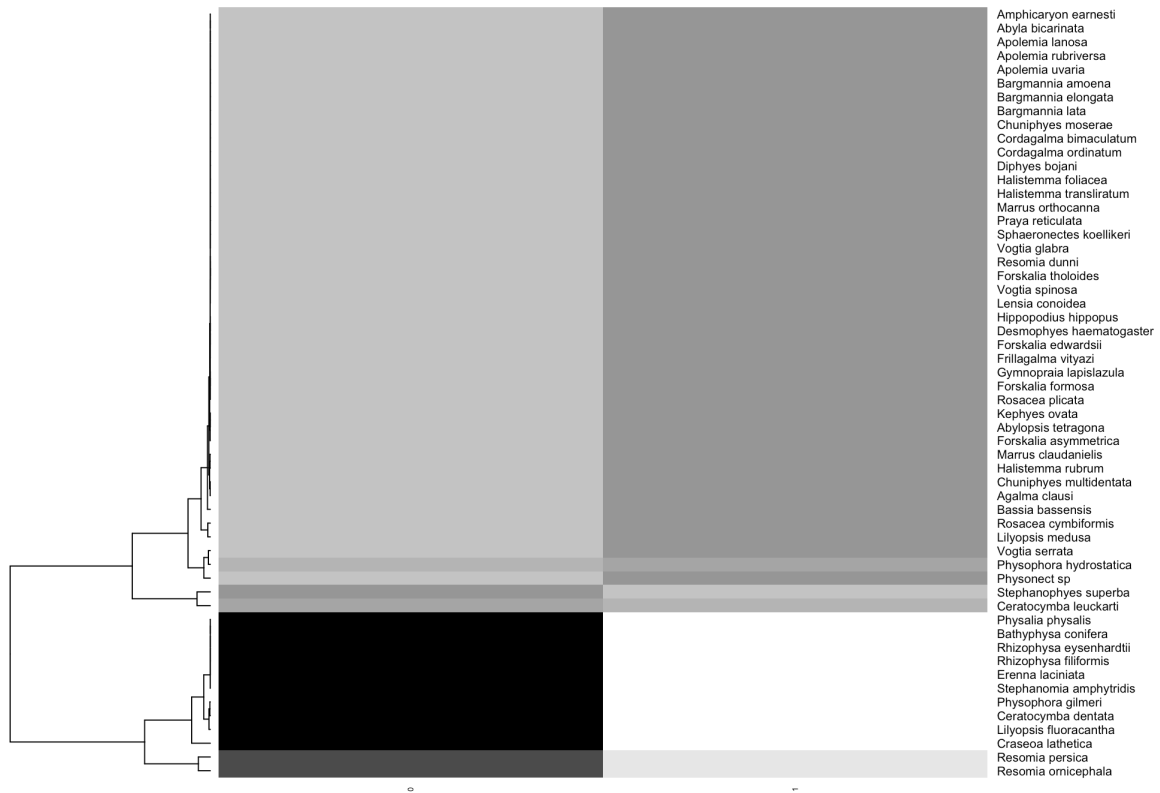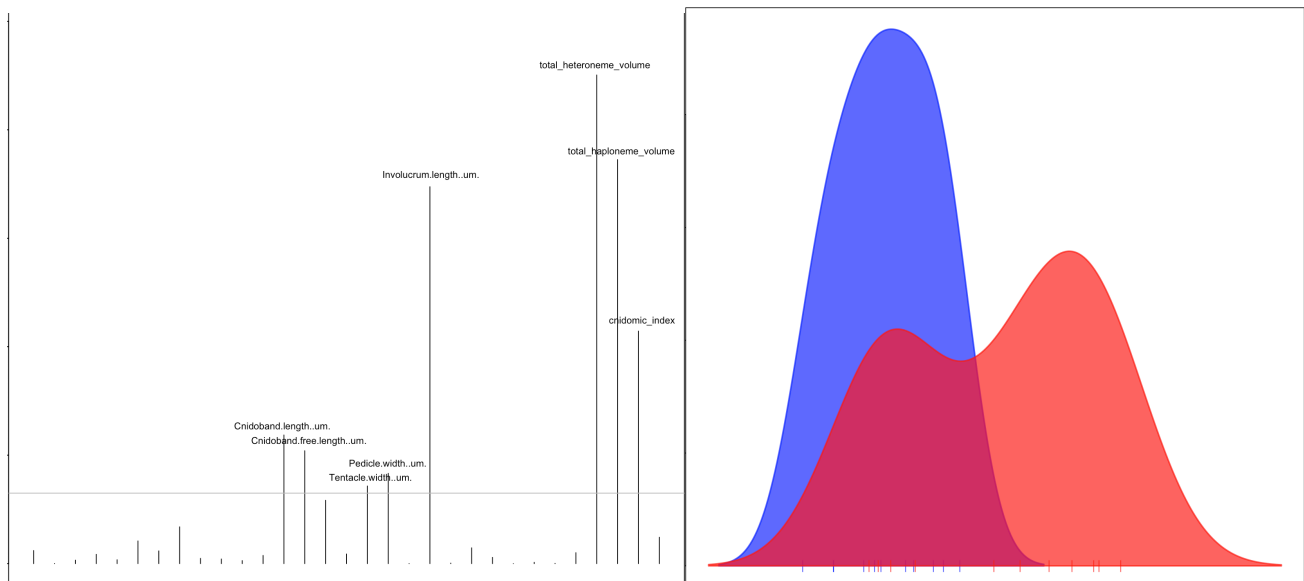Lilyopsis fluoracantha
Craseoa lathetica
Resomia persica
Resomia ornicephala

15.6) DAPC for fish presence in the diet. Cases with NAs were transformed to zeroes. 4 PCs and 1 DA used (lowest MSE). Blue: Fish absent. Red: Fish present. Discriminant power: 72.7%.
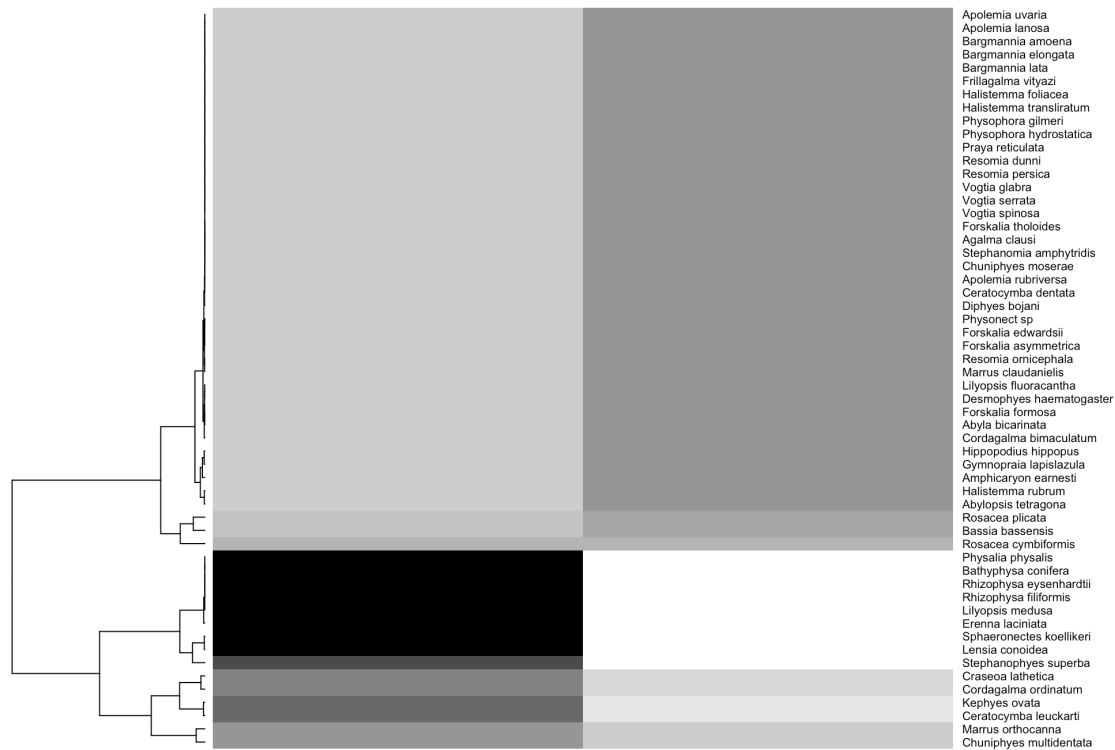
15.7) Posterior probability distribution of DAPC predictions for fish presence in the diet with inapplicable states transformed to zeroes. Posterior probability greyscale: white = 0, black = 1.
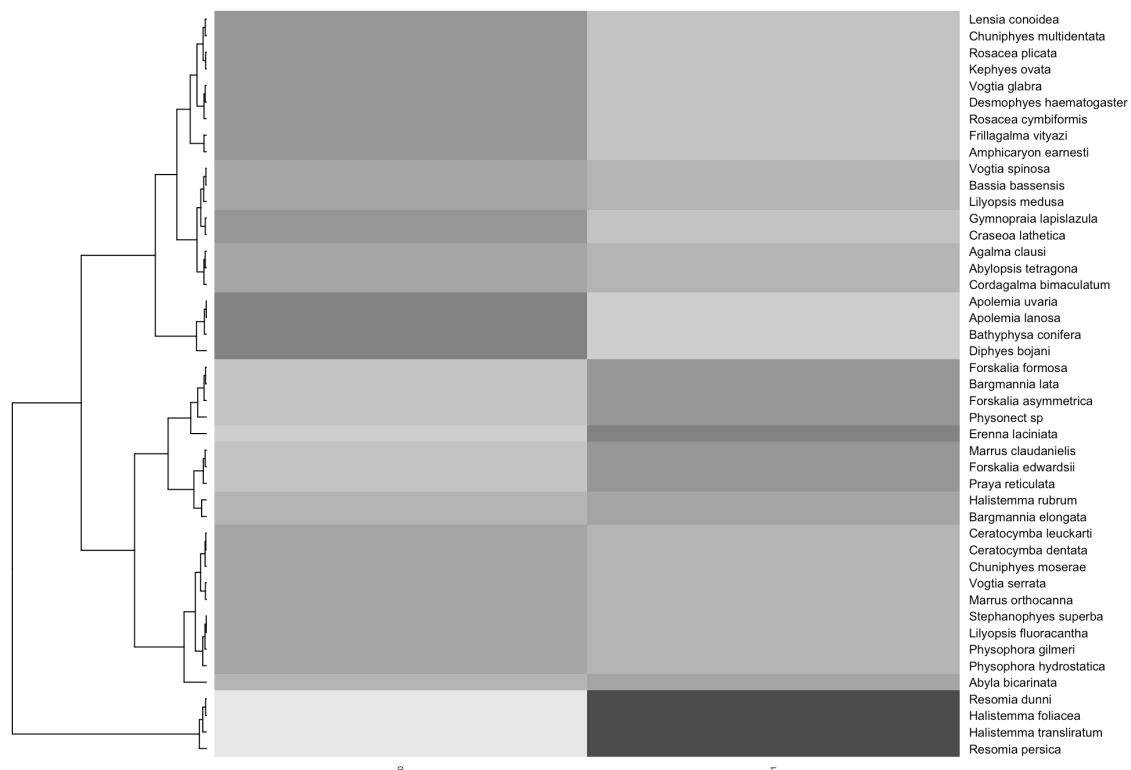

15.8) DAPC for large crustacean presence in the diet. 4 PCs and 1 DA used (lowest MSE). Blue: Large crustaceans absent. Red: Large crustaceans present. Discriminant power: 100%.
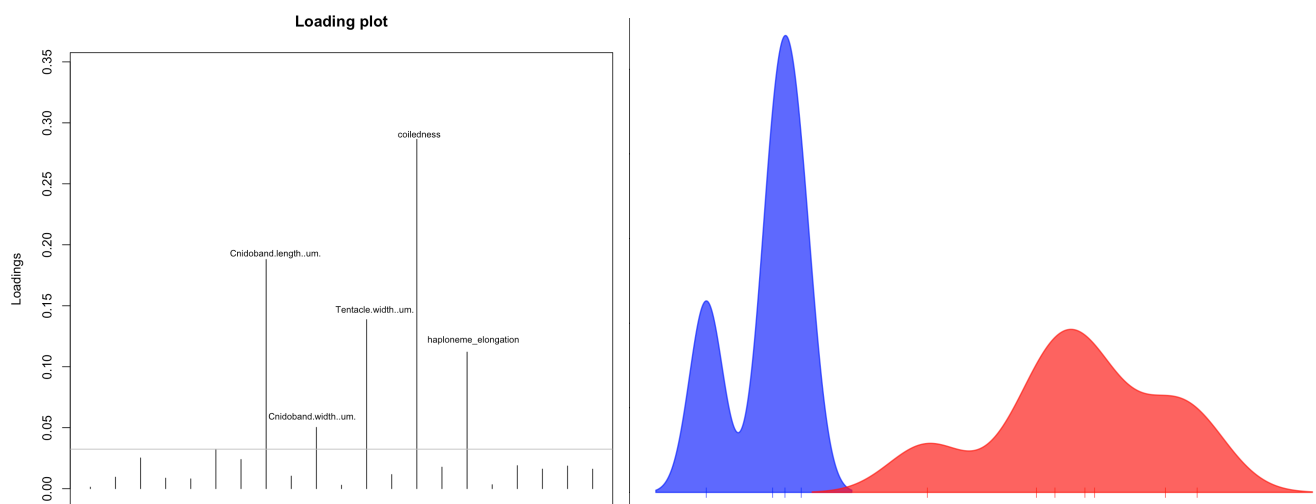
15.9) Posterior probability distribution of DAPC predictions for large crustacean presence in the diet with inapplicable states removed. Posterior probability greyscale: white = 0, black = 1.

Apolemia uvaria
Apolemia lanosa
Bargmannia amoena
Bargmannia elongata
Bargmannia lata
Frillagalma vityazi
Halistemma foliacea
Halistemma transliratum
Physophora gilmeri
Physophora hydrostatica
Praya reticulata
Resomia dunni
Resomia persica
Vogtia glabra
Vogtia serrata
Vogtia spinosa
Forskalia tholoides
Agalma clausi
Stephanomia amphytridis
Chuniphyes moserae
Apolemia rubriversa
Ceratocymba dentata
Diphyes bojani
Physonect sp
Forskalia edwardsii
Forskalia asymmetrica
Resomia ornicephala
Marrus claudanielis
Lilyopsis fluoracantha
Desmophyes haematogaster
Forskalia formosa
Abyla bicarinata
Cordagalma bimaculatum
Hippopodius hippopus
Gymnopraia lapislazula
Amphicaryon earnesti
Halistemma rubrum
Abylopsis tetragona
Rosacea plicata
Bassia bassensis
Rosacea cymbiformis
Physalia physalis
Bathyphysa conifera
Rhizophysa eysenhardtii
Rhizophysa filiformis
Lilyopsis medusa
Erenna laciniata
Sphaeronectes koellikeri
Lensia conoidea
Stephanophyes superba
Craseoa lathetica
Cordagalma ordinatum
Kephyes ovata
Ceratocymba leuckarti
Marrus orthocanna
Chuniphyes multidentata

15.10) DAPC for soft-bodied *vs.* hard bodied prey specialization. 4 PCs and 2 DA used (lowest MSE). Discriminant power: 90.9%. Posterior probability greyscale: white = 0, black = 1.
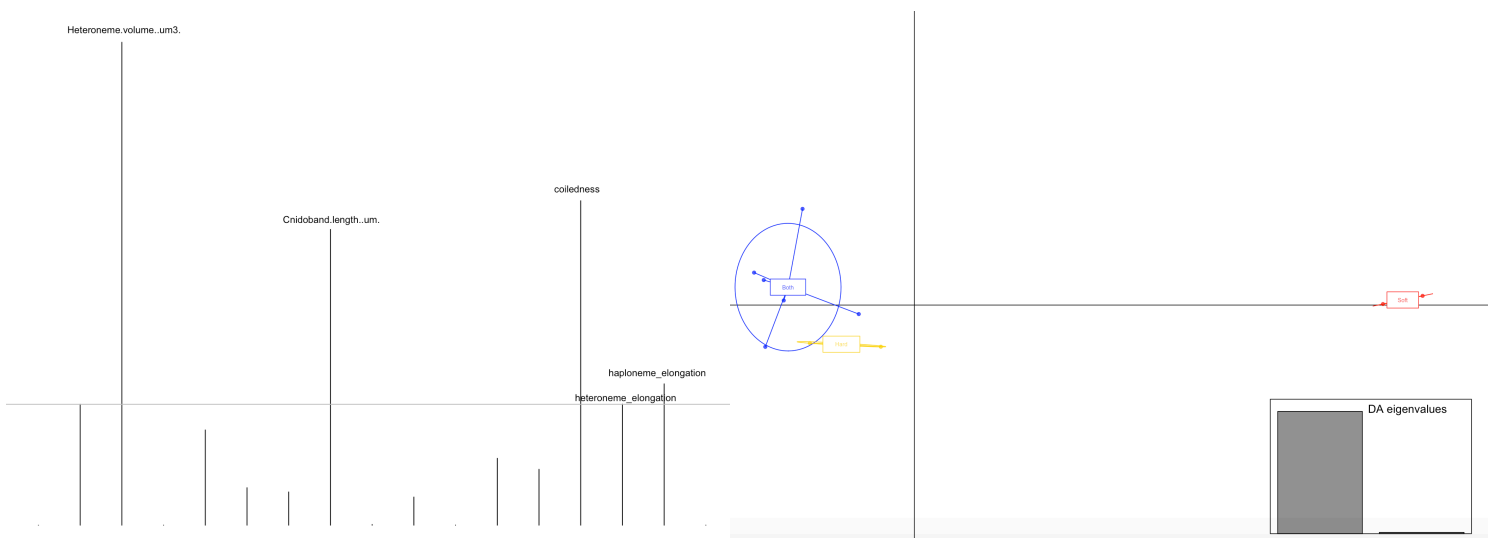
15.11) Posterior probability distribution of DAPC predictions for soft-bodied *vs.* hard bodied prey specialization with inapplicable states removed. Posterior probability greyscale: white = 0, black = 1.