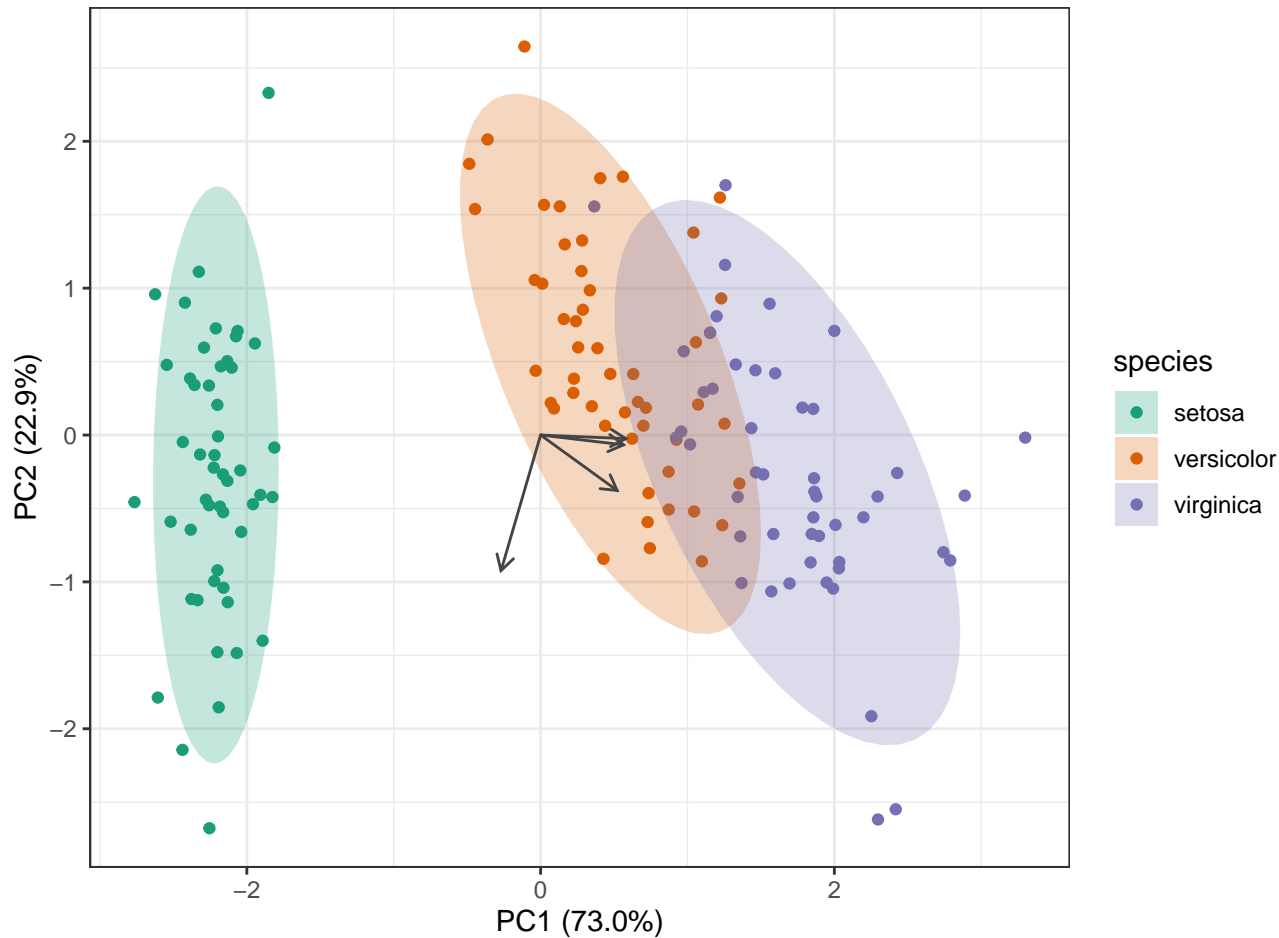
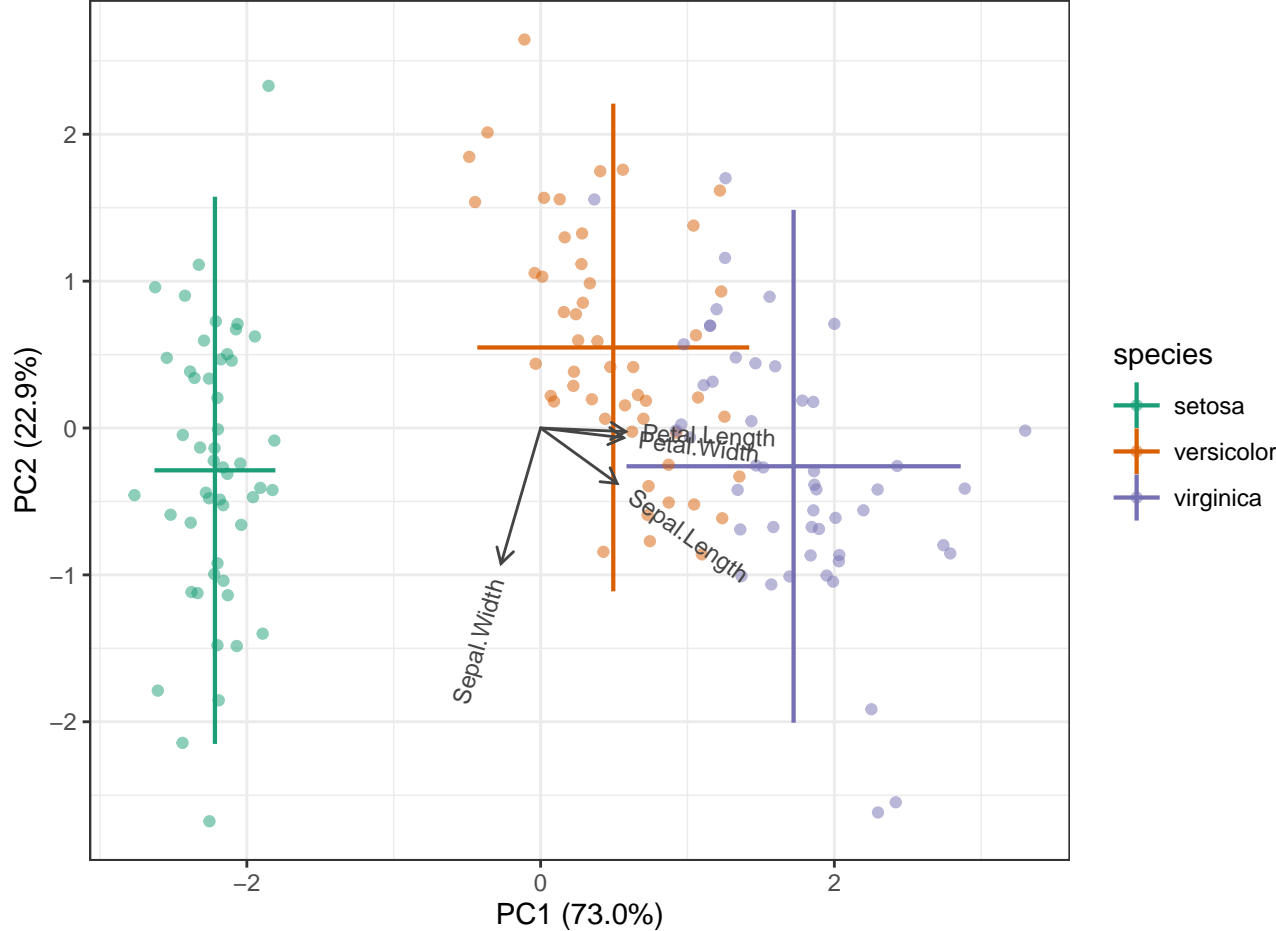


Row-principal PCA biplot of Anderson iris measurements
Overlaid with 95% confidence disks



Row-principal PCA biplot of Anderson iris data

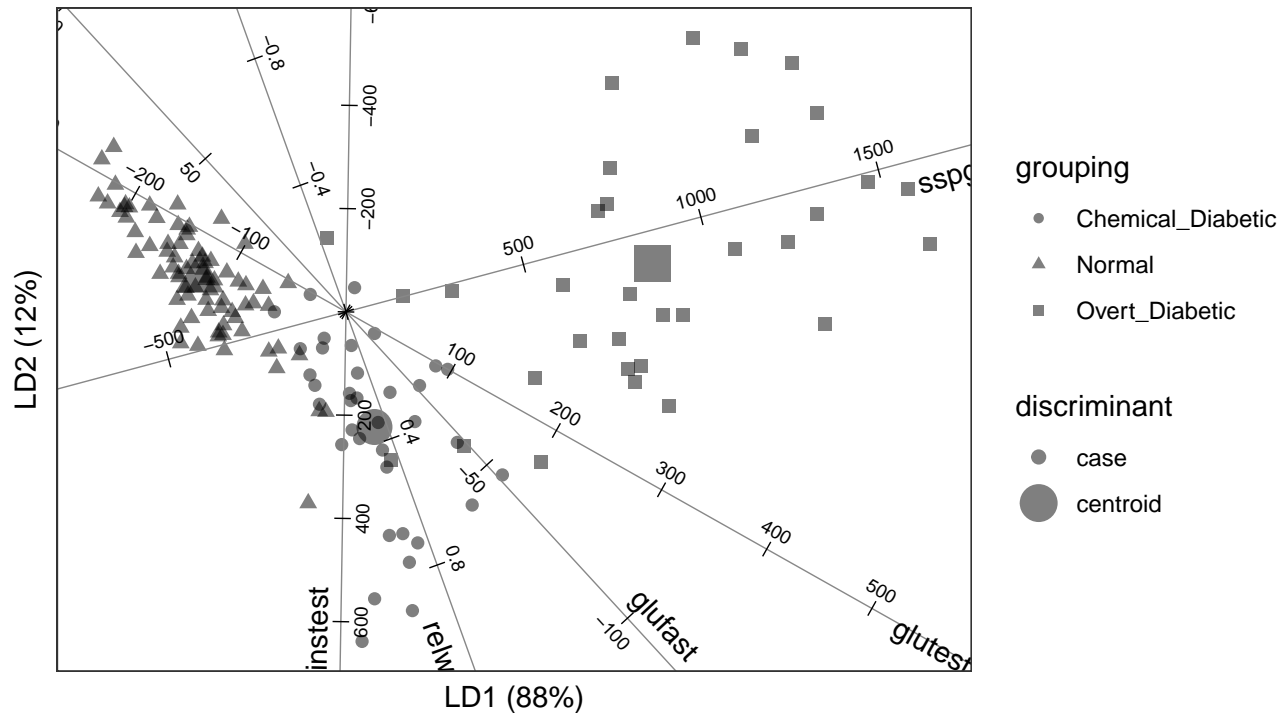
Ranges 2 sample standard deviations from centroids



help("draw-key")

LDA of Reaven & Miller diabetes groups

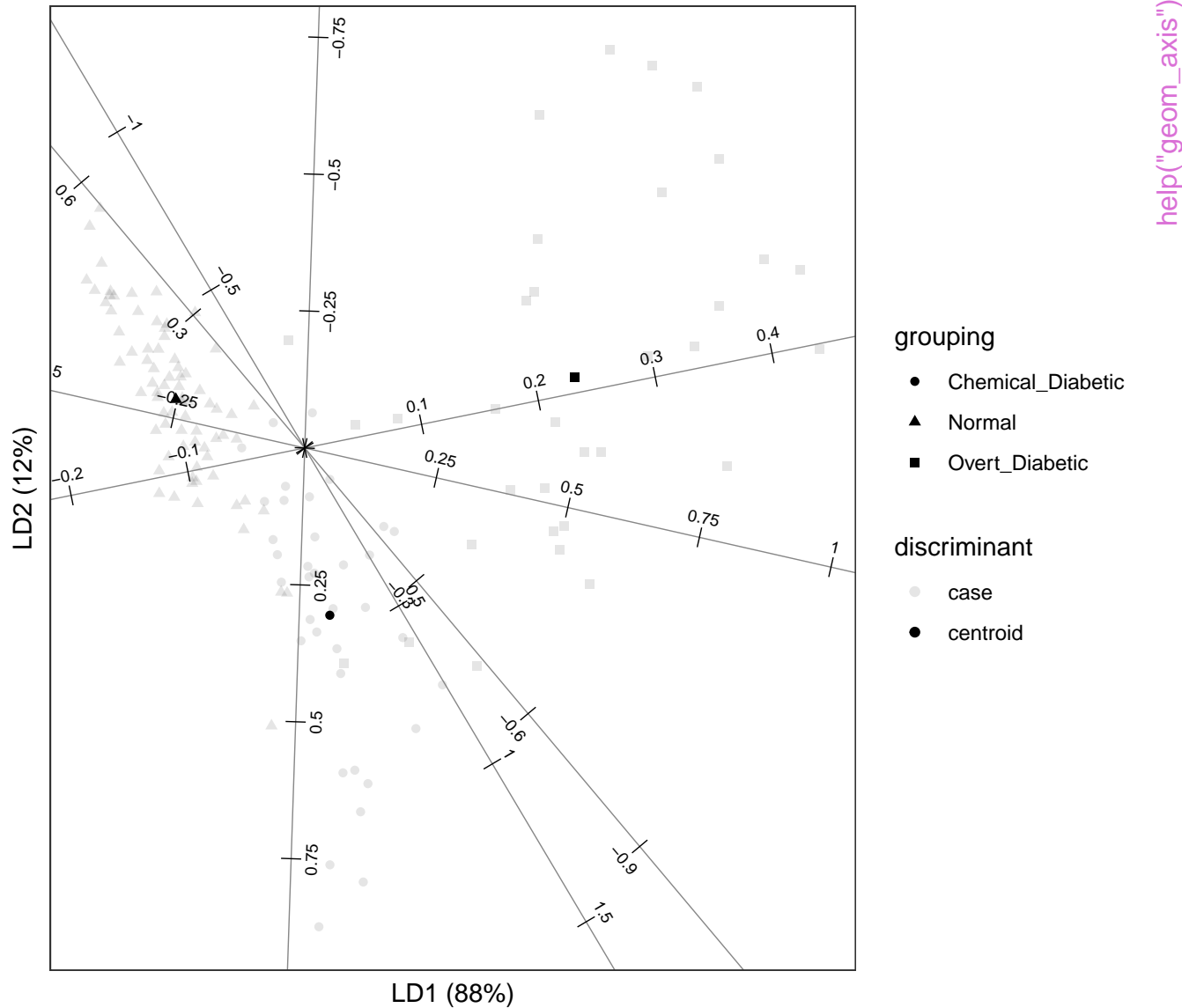
Row-standard biplot of standardized LDA



help("geom_axis")

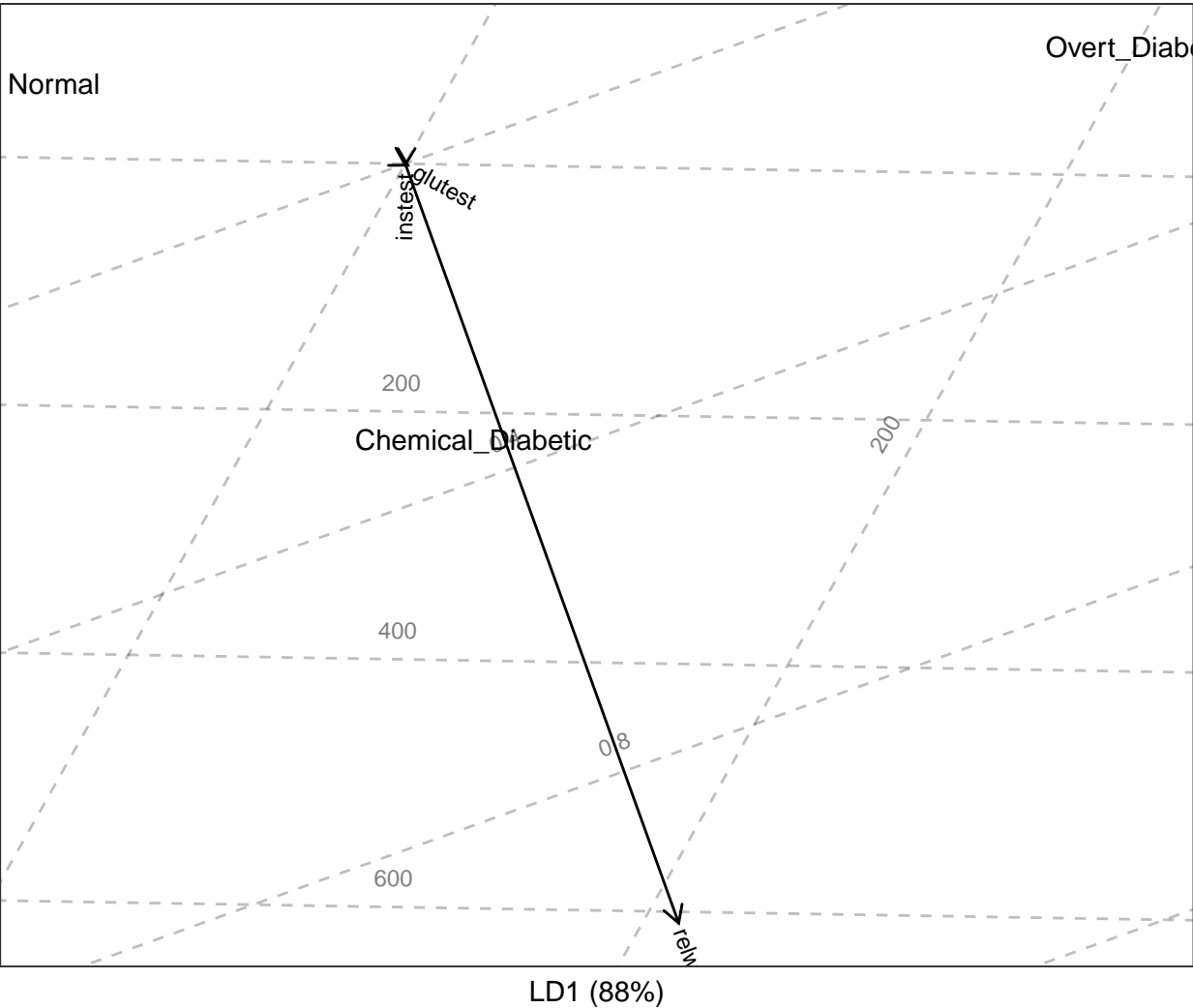
LDA of Reaven & Miller diabetes groups

Symmetric biplot of contribution LDA



LDA of Reaven & Miller diabetes groups

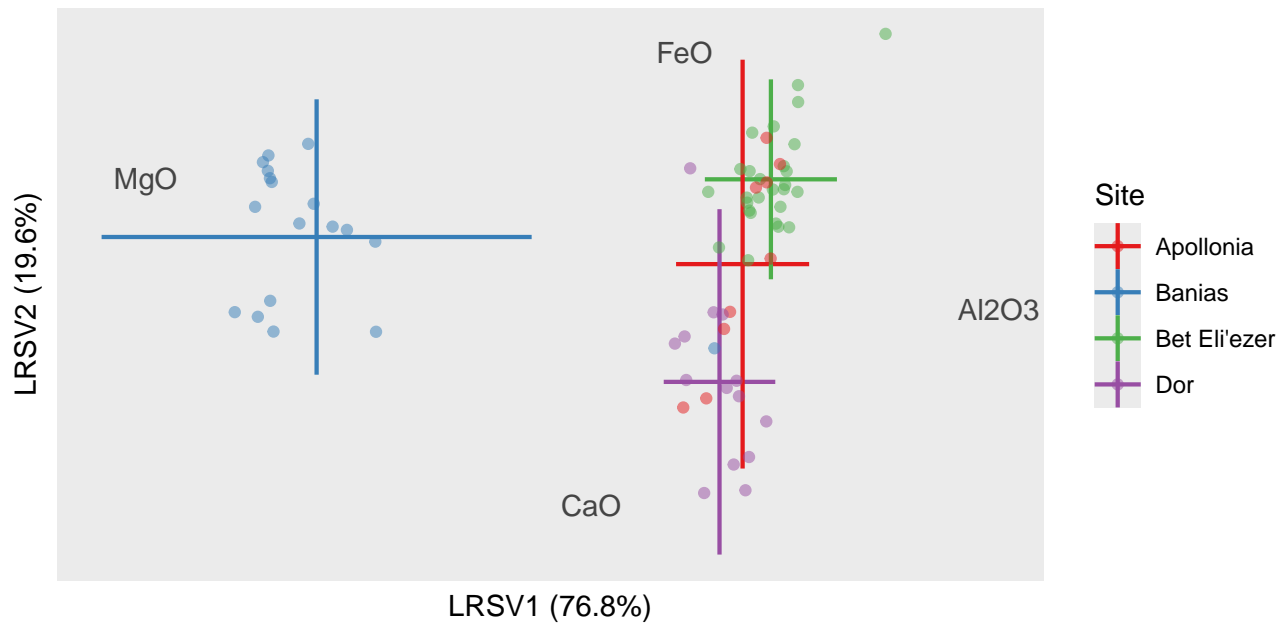
Row-standard biplot of standardized LDA

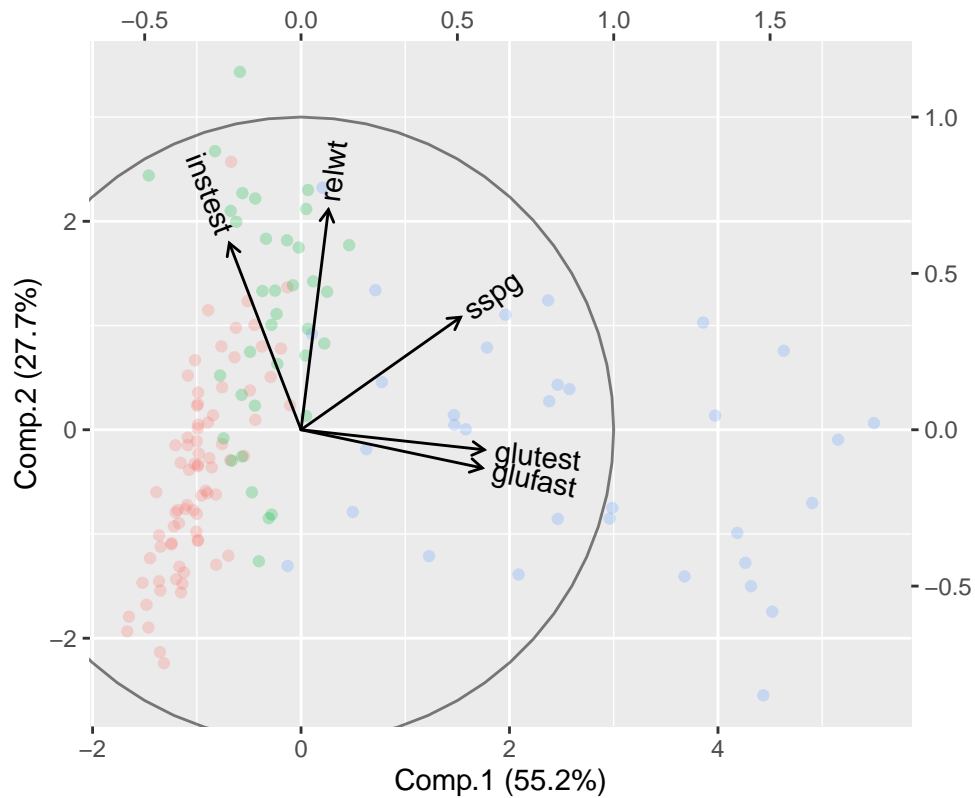


help("geom_isoline")

Row-principal LRA biplot of Freestone glass measurements

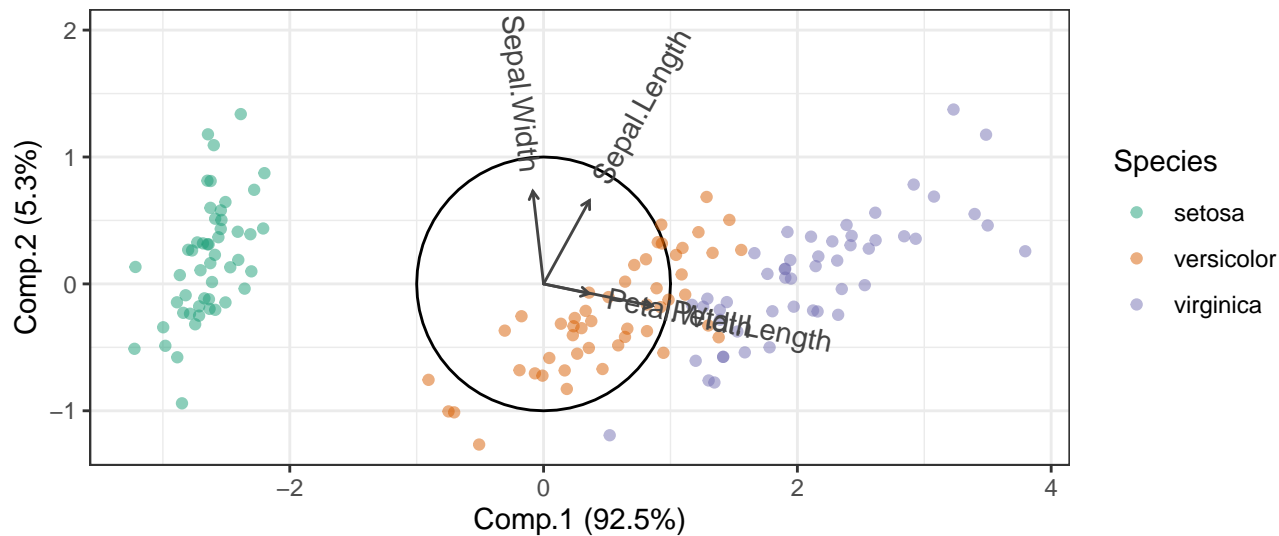
Ranges 2 sample standard deviations from centroids





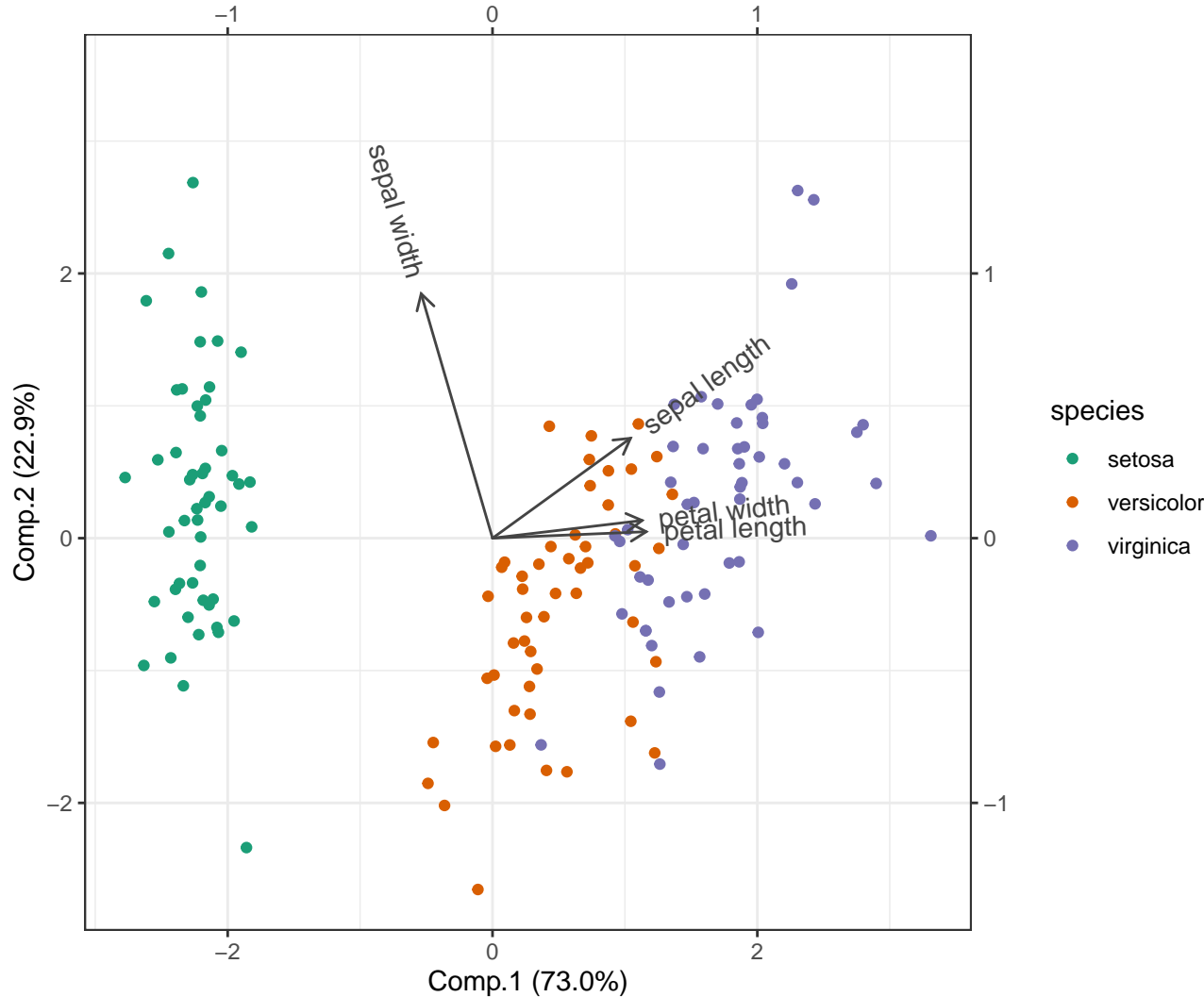
help("geom_unit_circle")

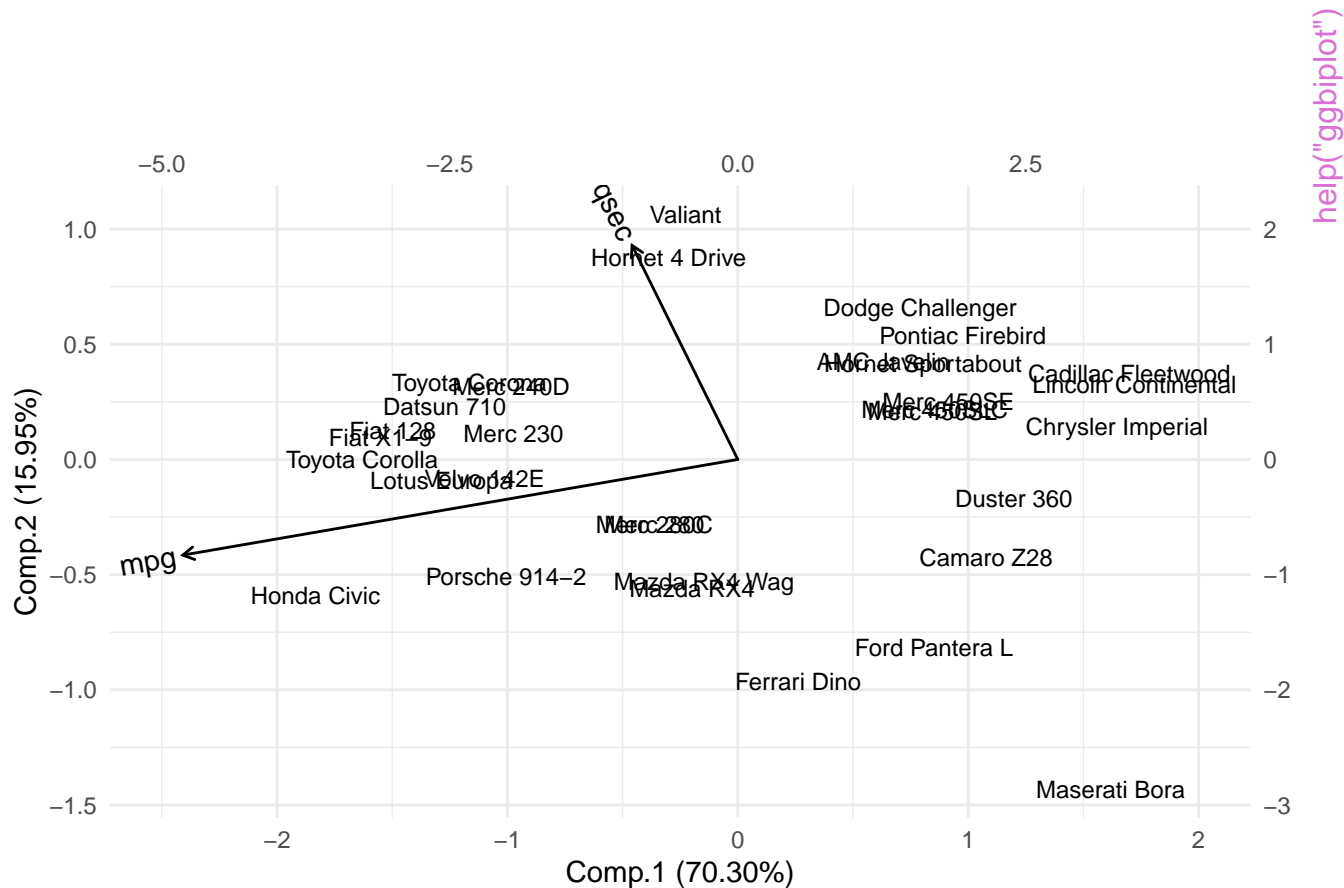
Row-principal unscaled PCA biplot of Anderson iris measurements

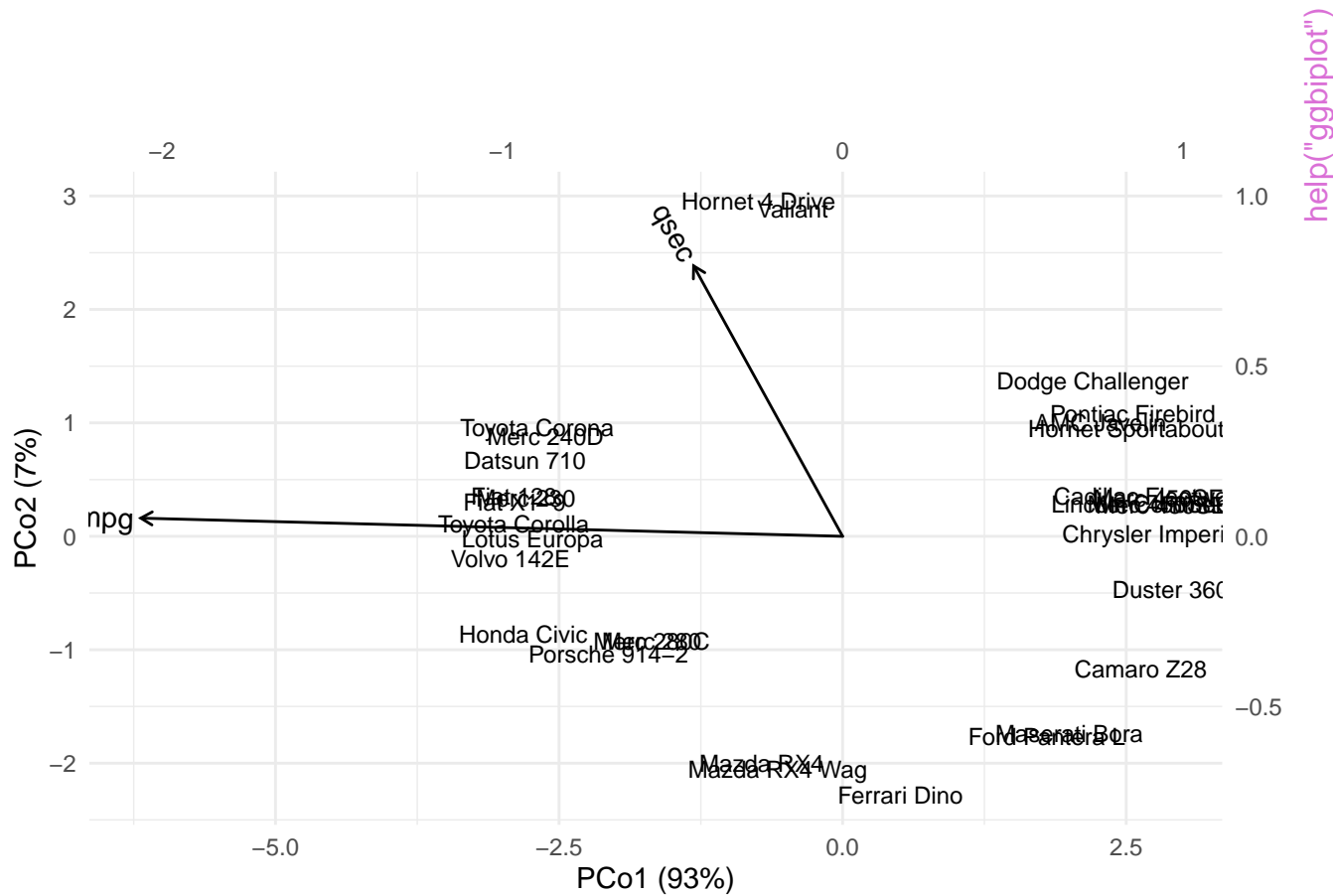


Row-principal PCA biplot of Anderson iris measurements

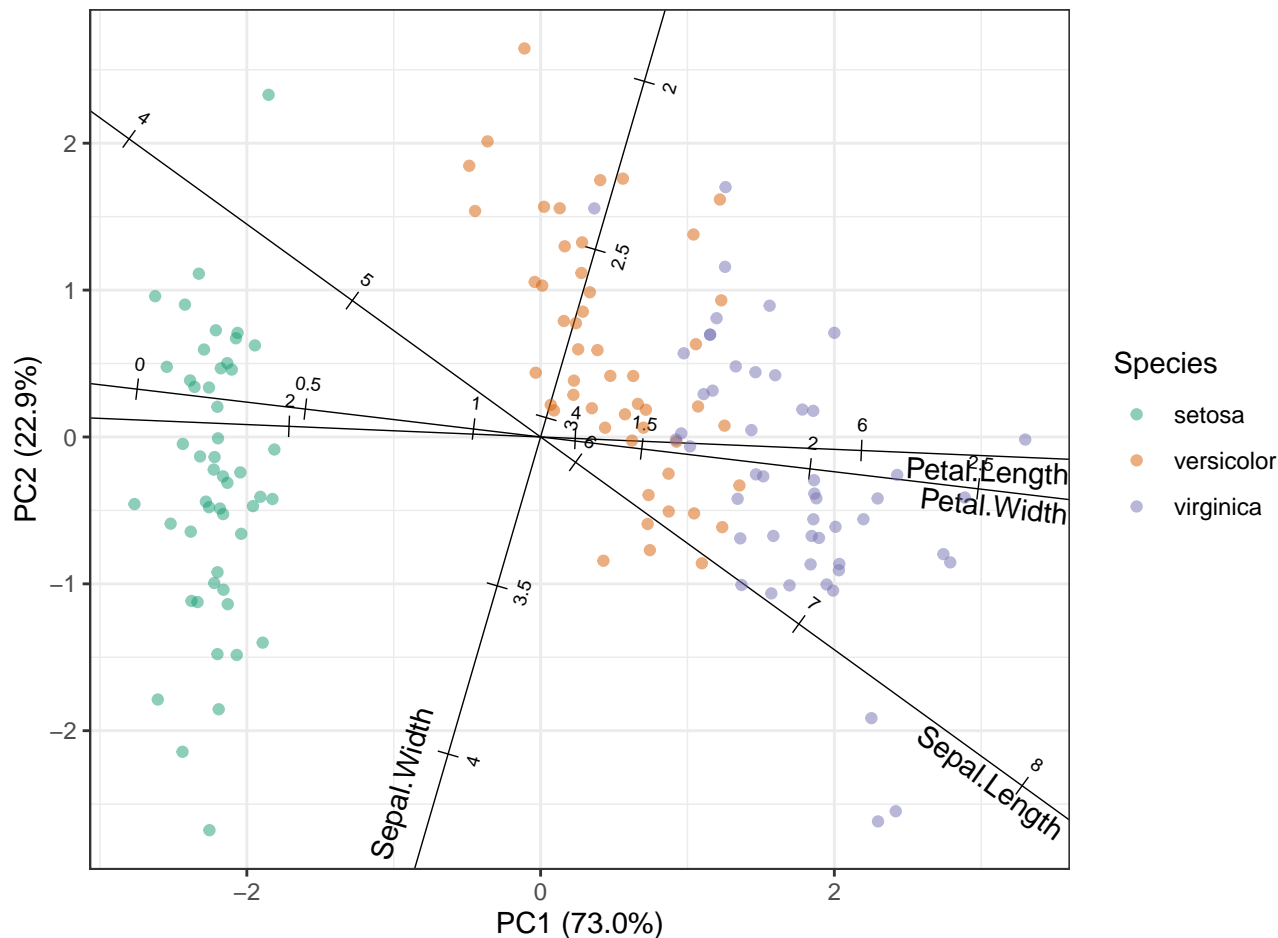
Variable loadings scaled to secondary axes

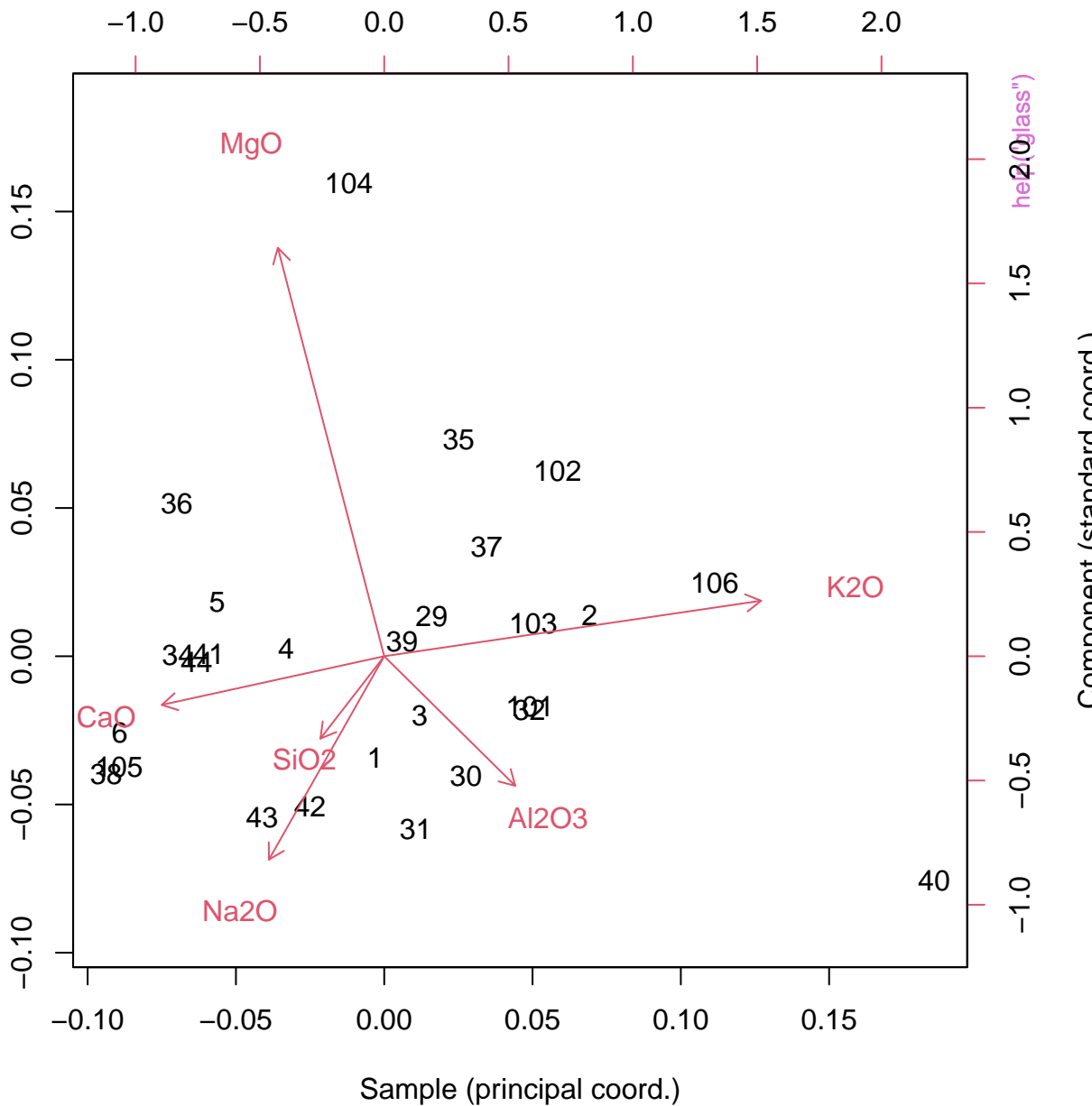




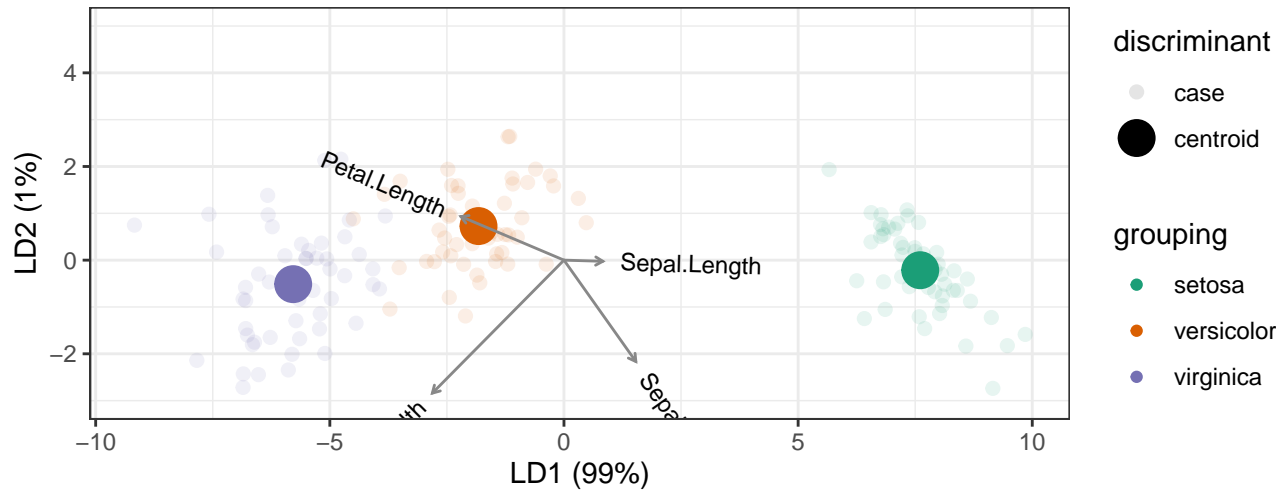


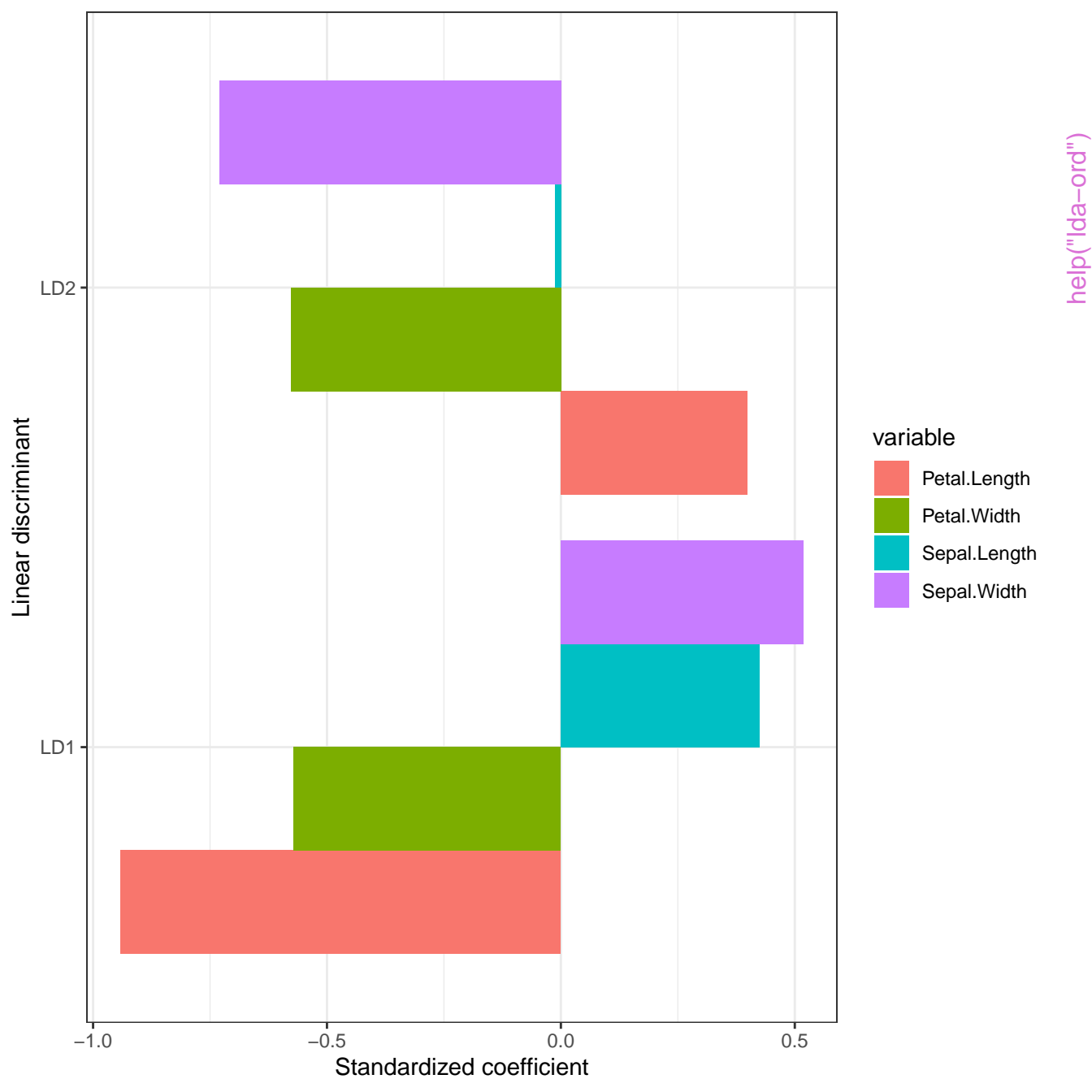
Predictive biplot of Anderson iris measurements



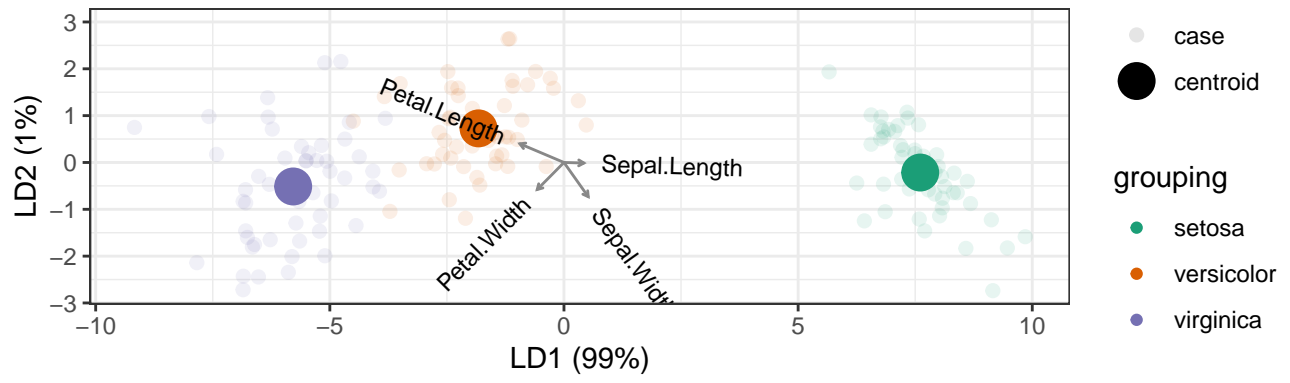


Unstandardized coefficient biplot of iris LDA

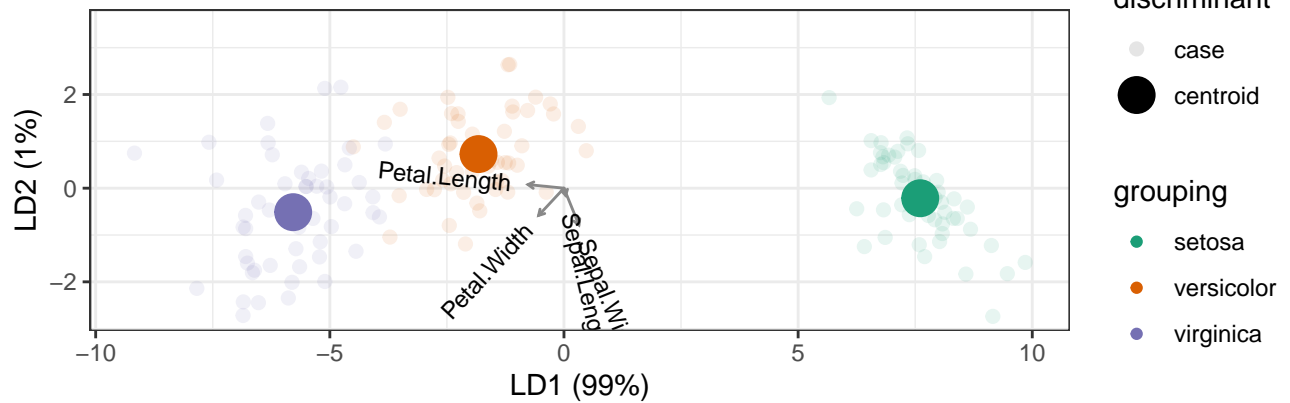




Standardized coefficient biplot of iris LDA



Contribution biplot of iris LDA



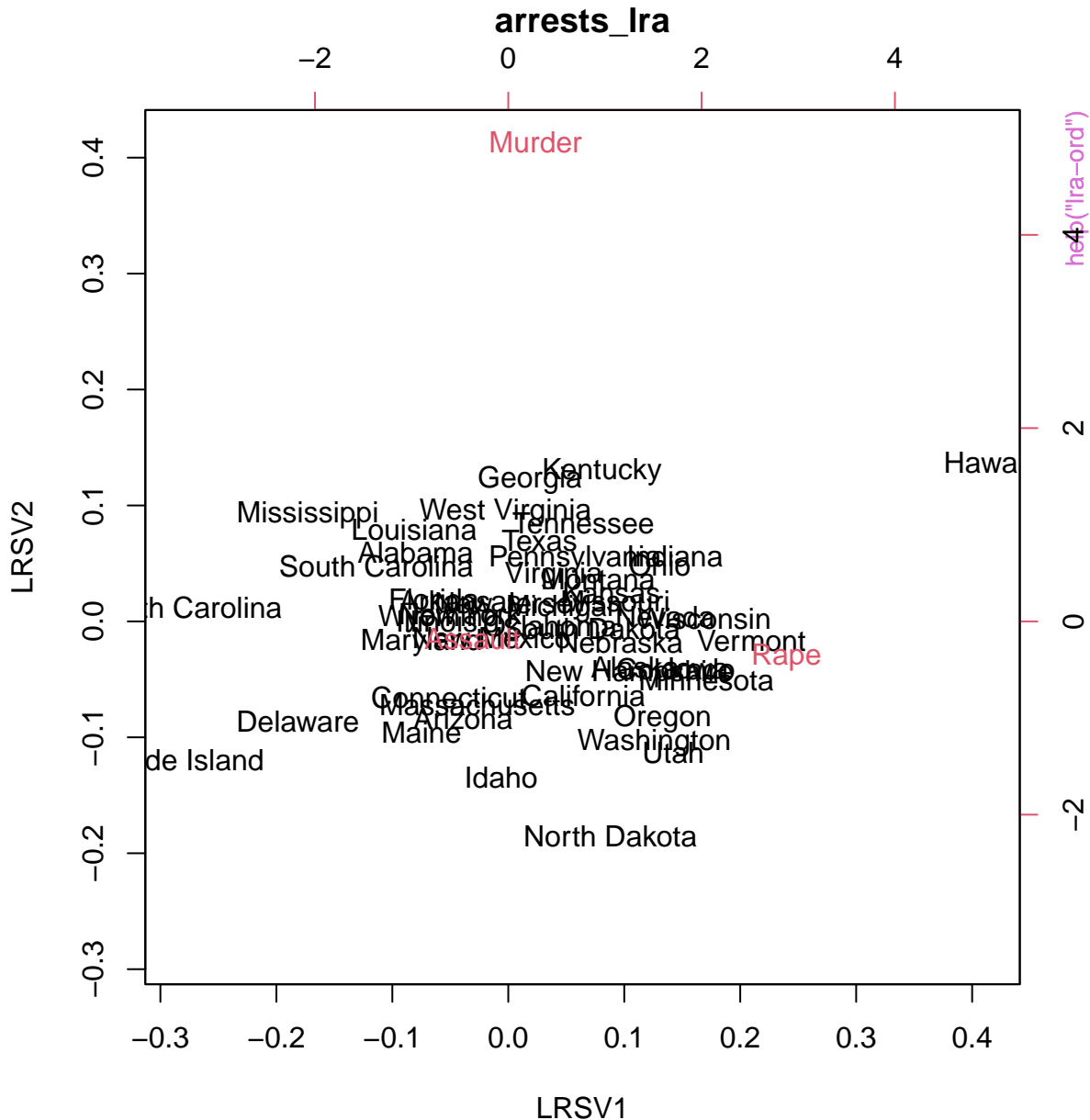
arrests_lra

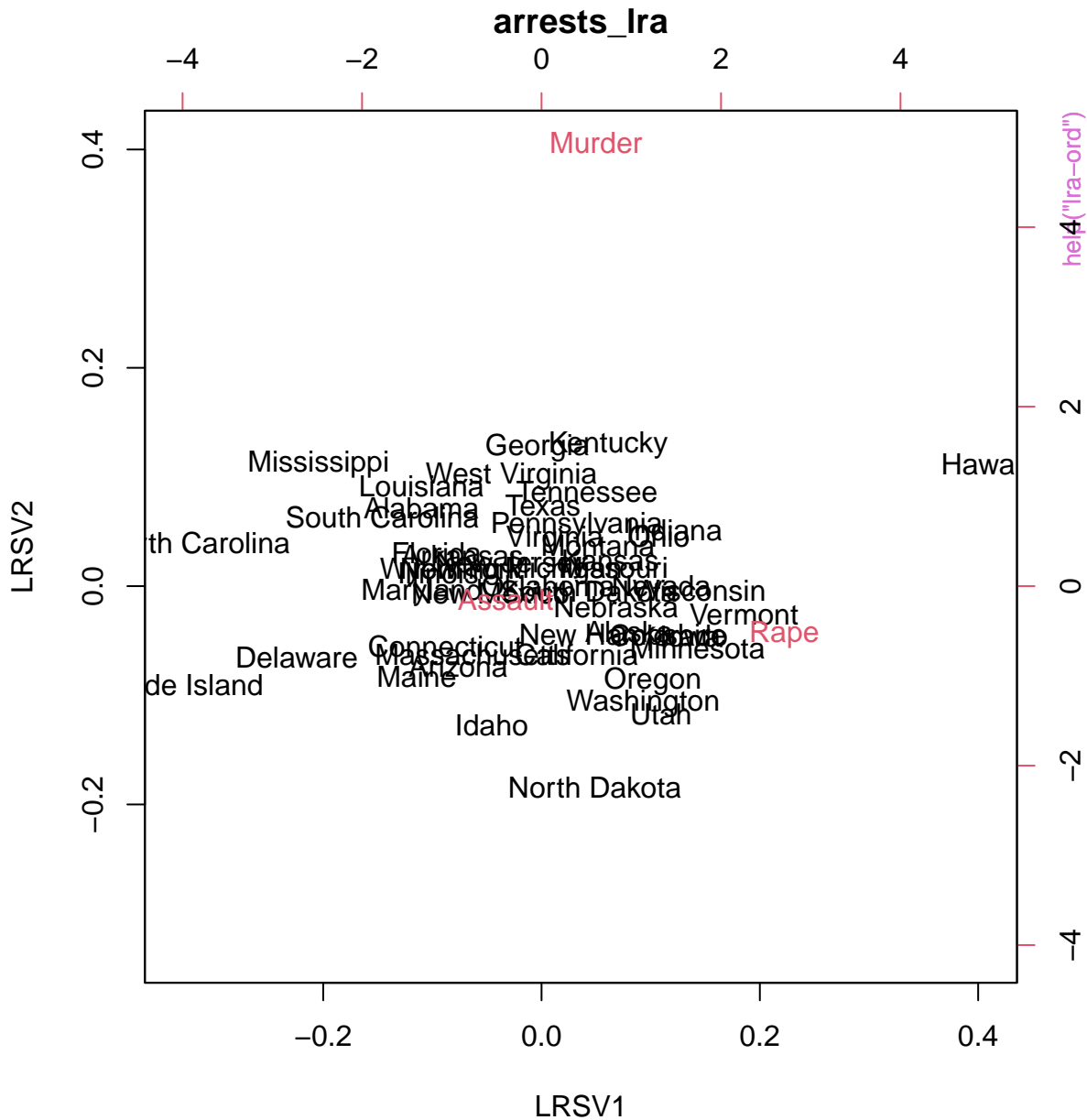
Variances

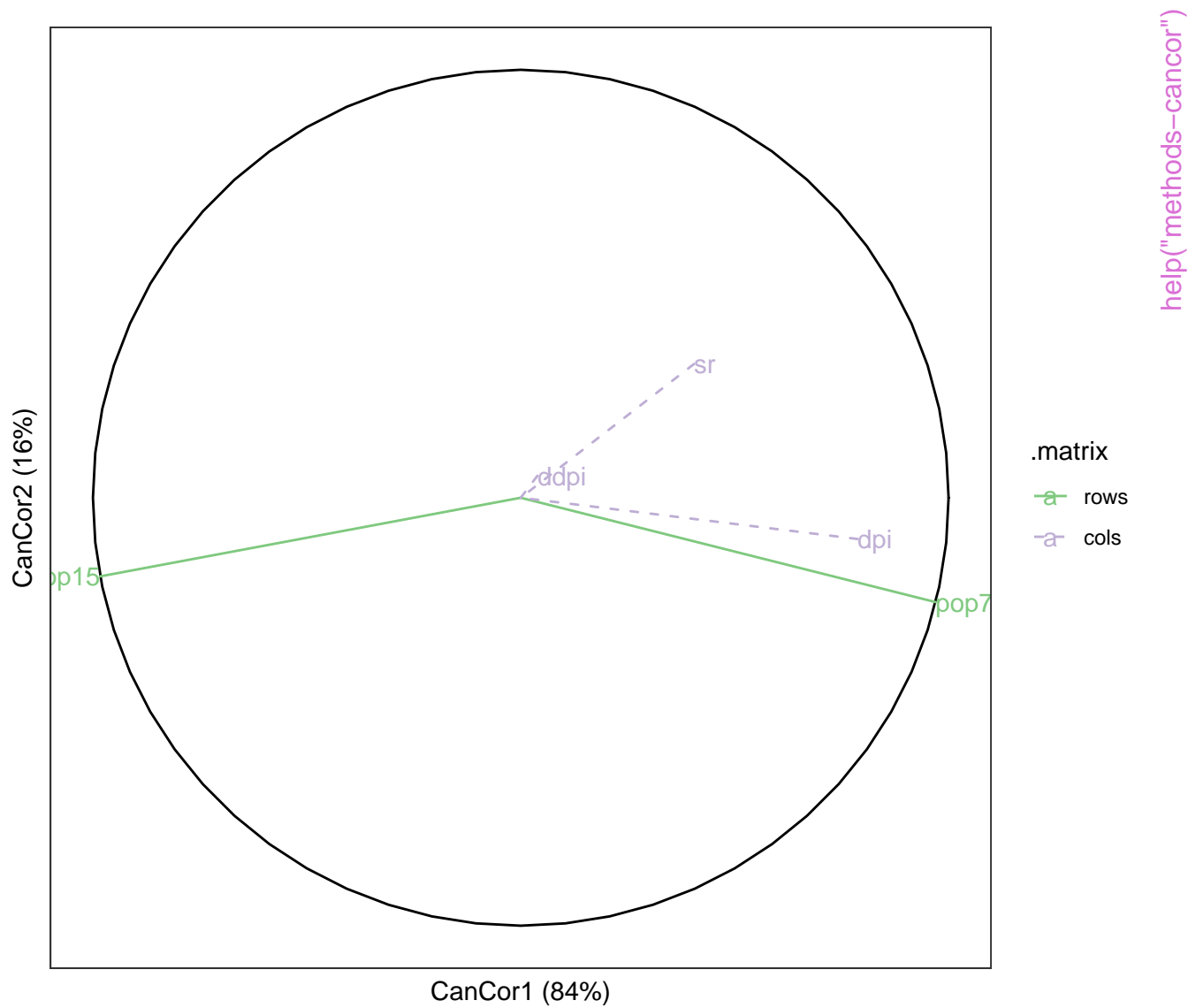
0.000 0.002 0.004 0.006 0.008 0.010 0.012



help("lra-ord")



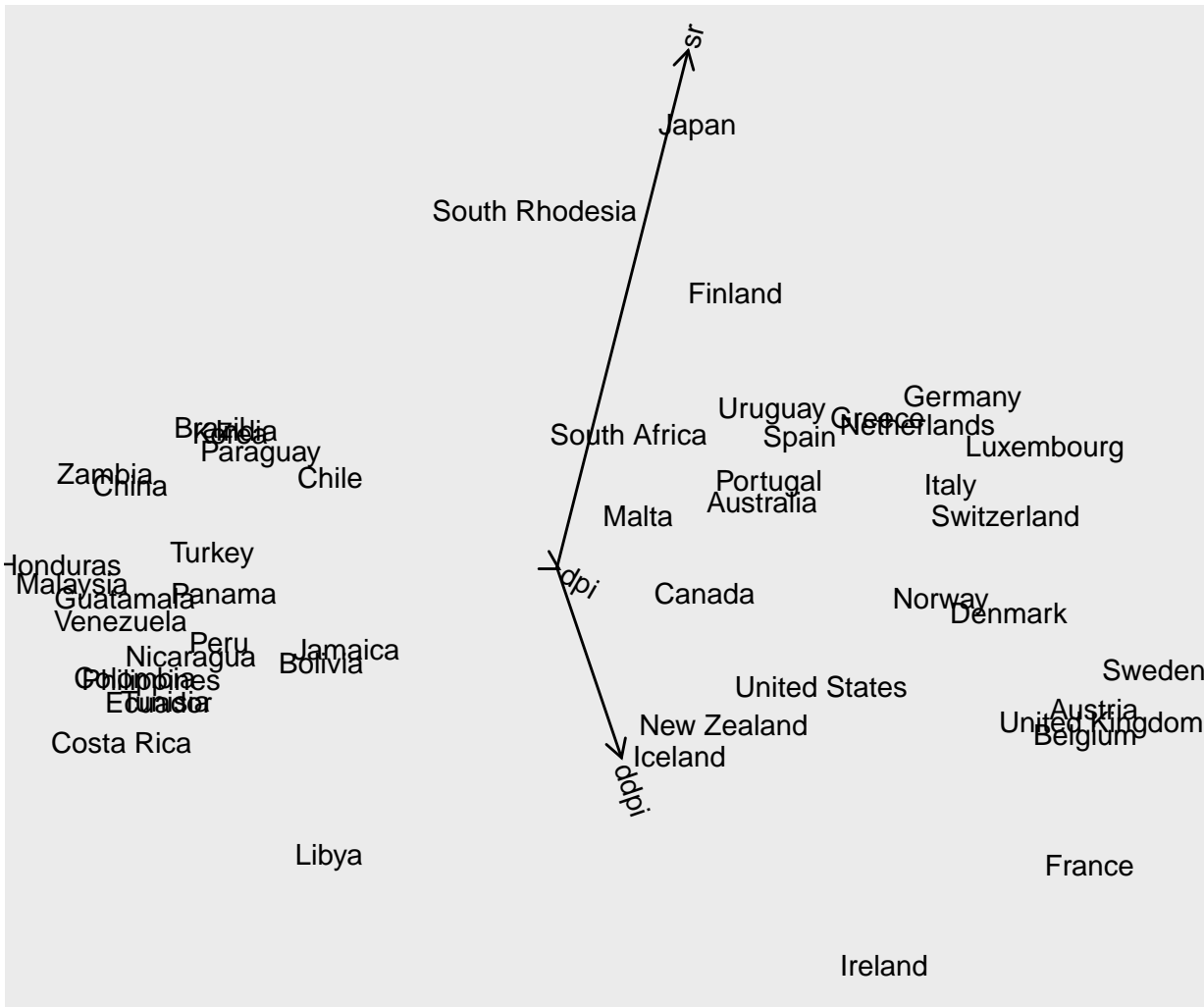




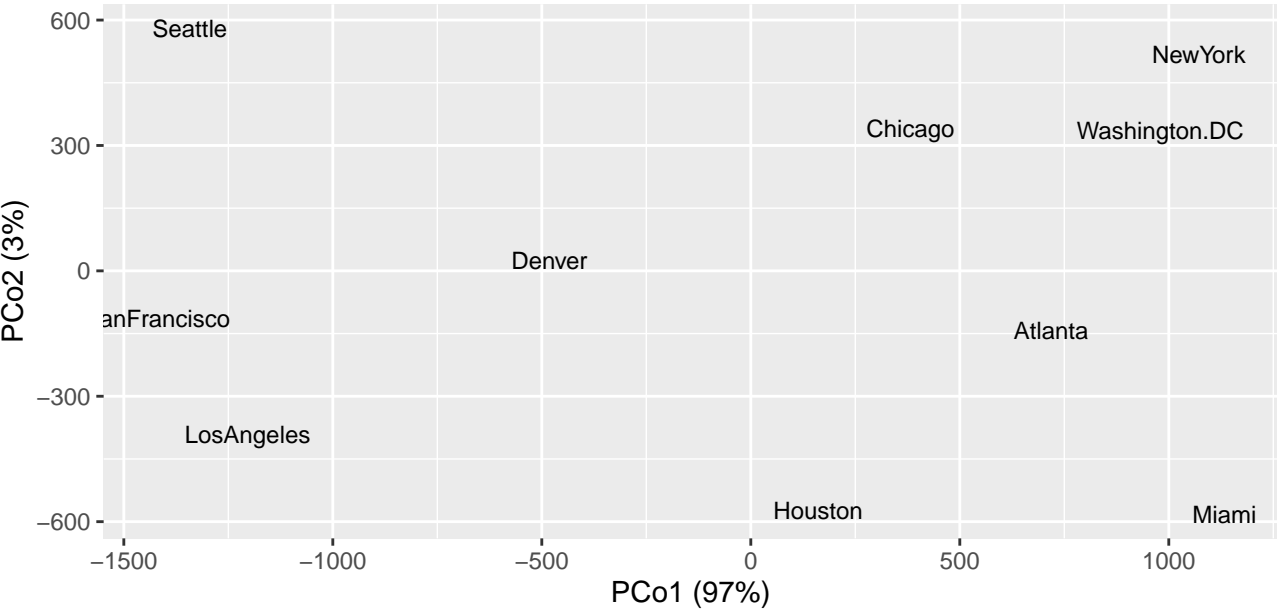
CanCor2 (16%)

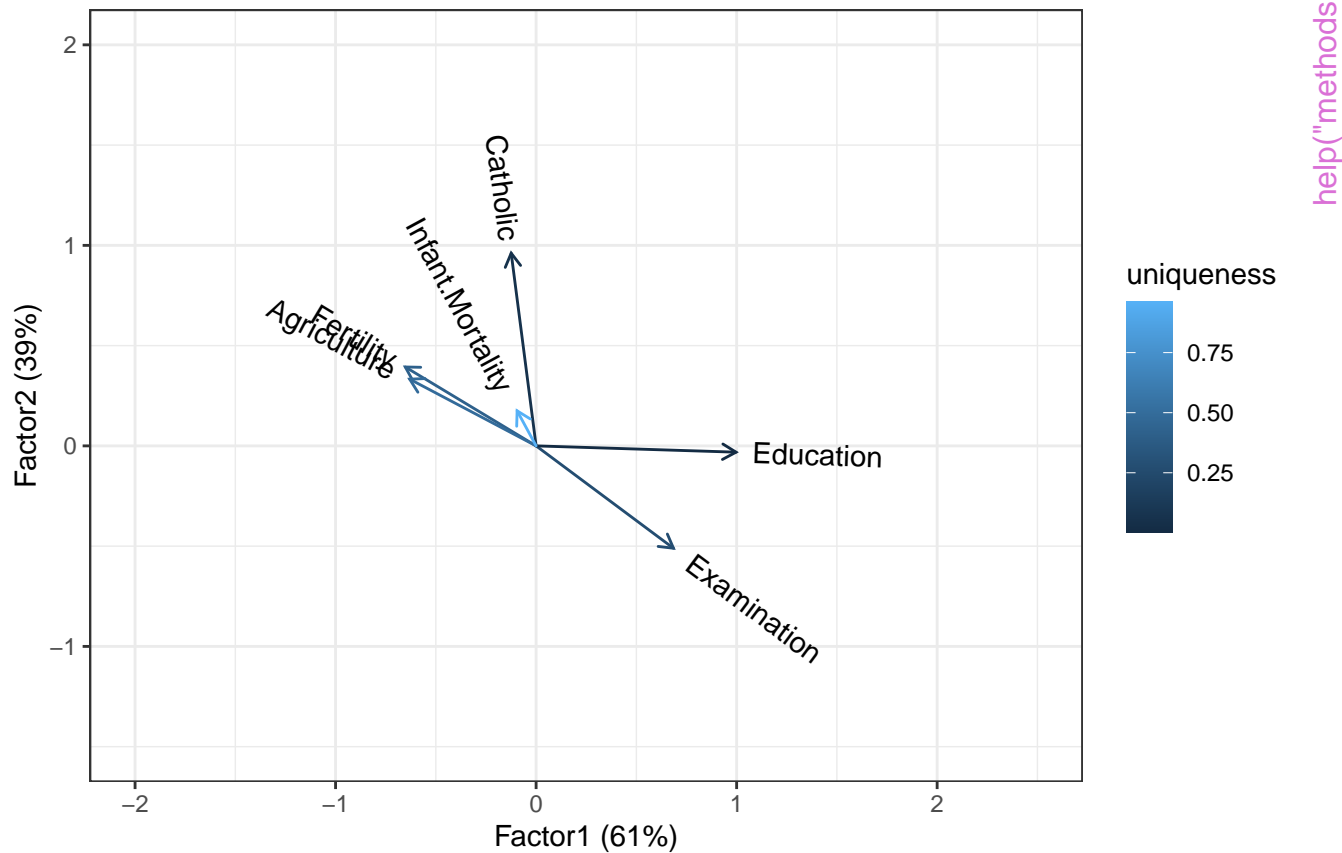
CanCor1 (84%)

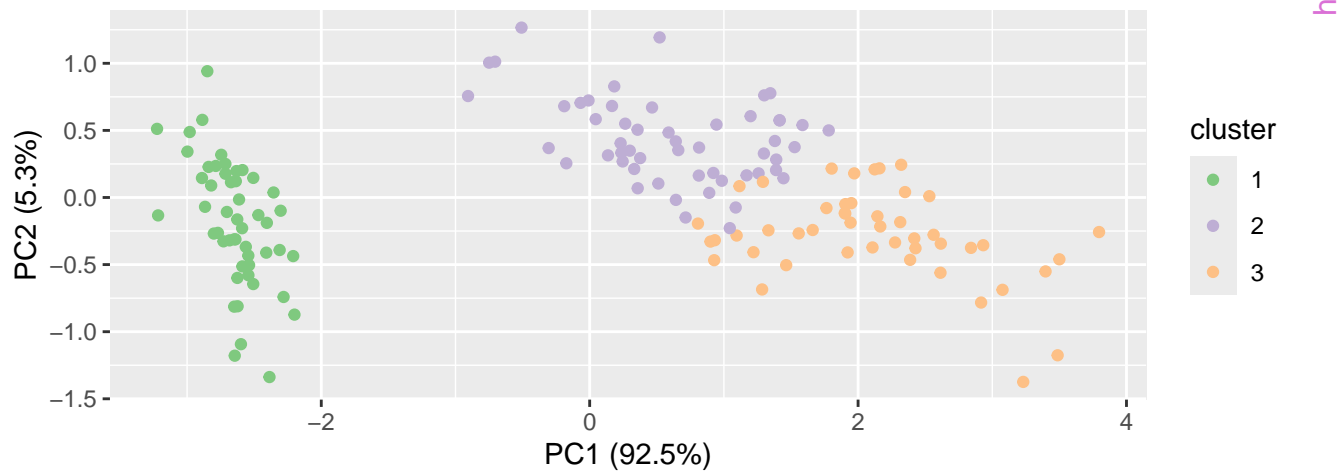
help("methods-cancor")



MDS biplot of distances between U.S. cities

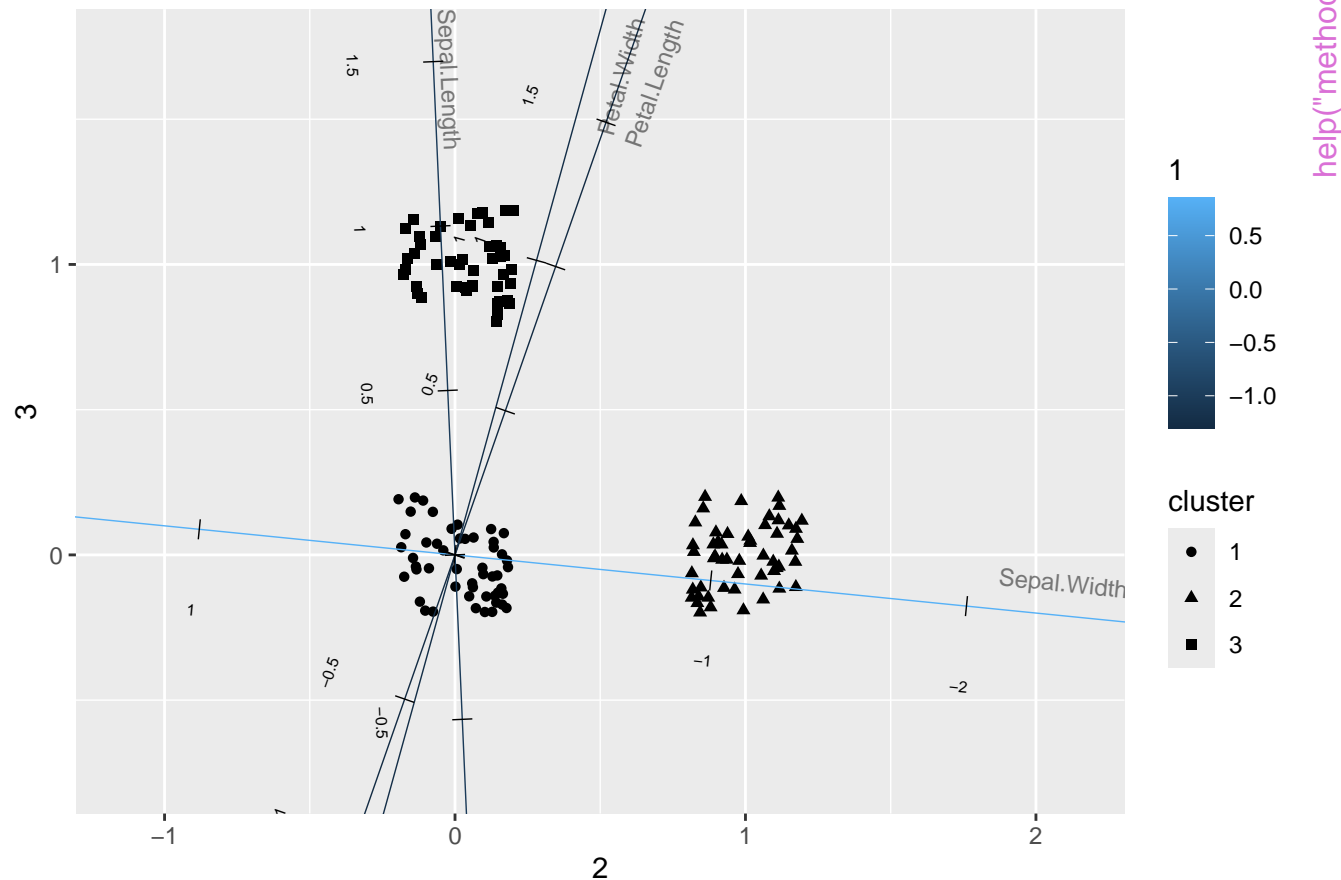






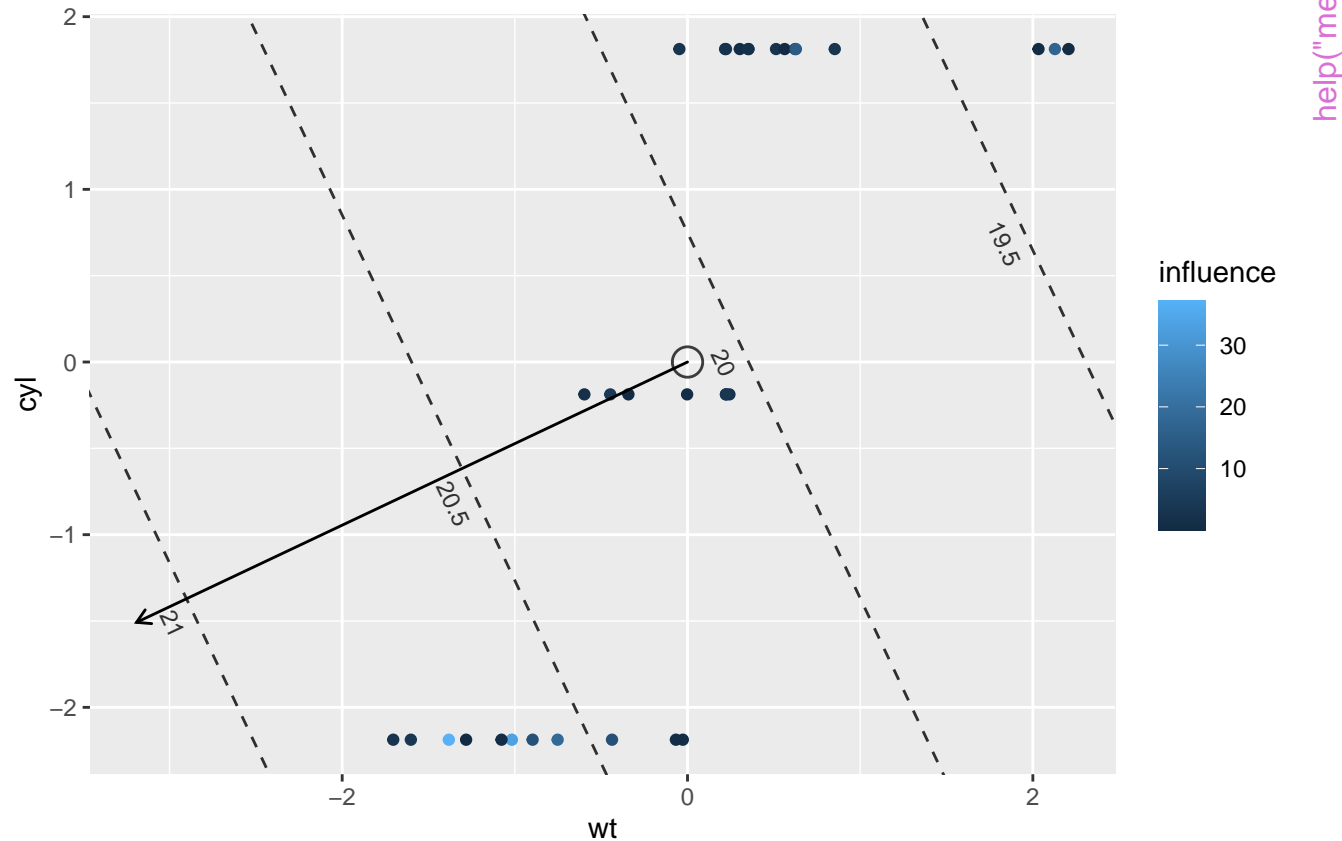
Measurement loadings onto clusters 2 and 3

Color indicates loadings onto cluster 1



Weight isolines with data colored by importance

Regressing gas mileage onto weight and number of cylinders



Dim2 (41%)

Dim1 (59%)

Factor level

- Admit
- ▲ Dept
- Gender

Admitted

Rejected

B

A

Male

D

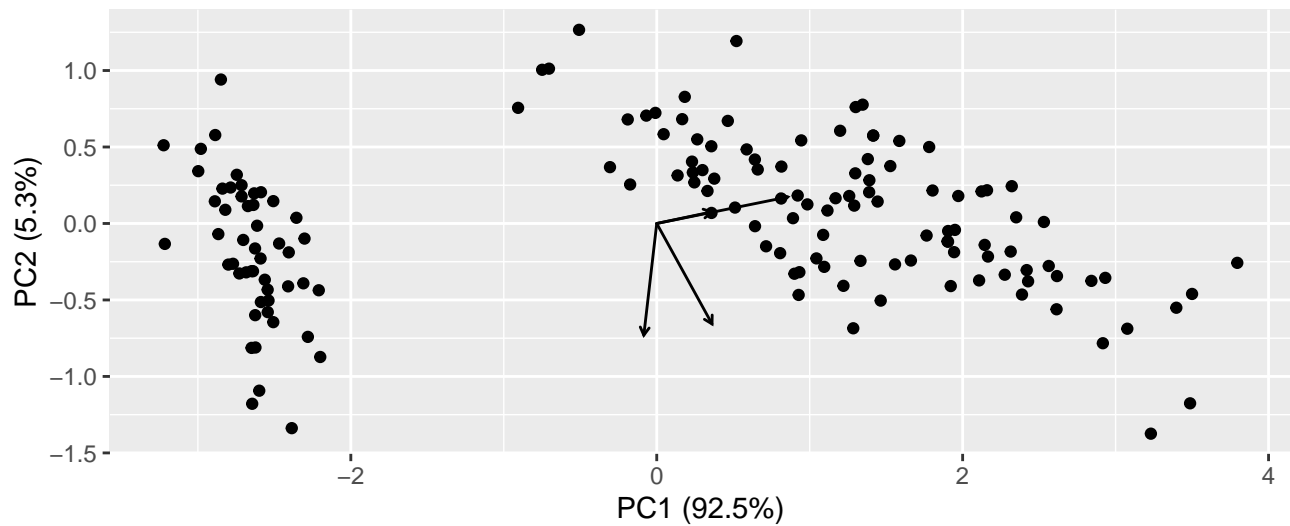
C

Female

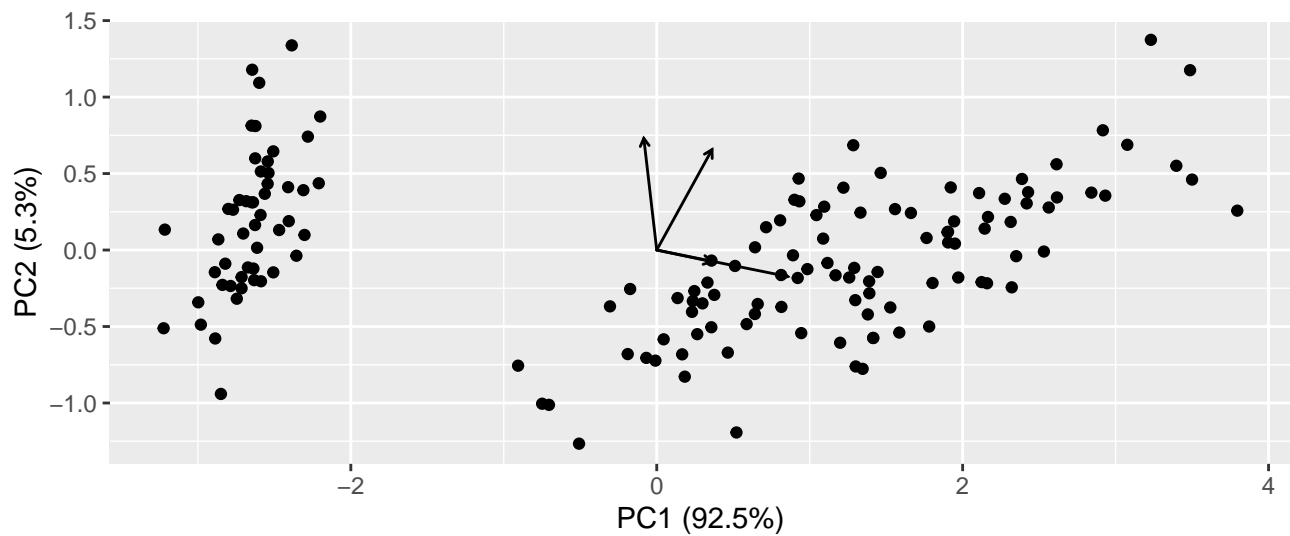
E

F

help("methods-mca")



help("negation")



help("negation")

pca

-20

-10

0

10

20

0.2

0.1

0.0

-0.1

-0.2

PC2

help("neg20on")

10

0

-10

-20

Sepal.Width

Sepal.Length

Petal.Length

Petal.Length

-0.2

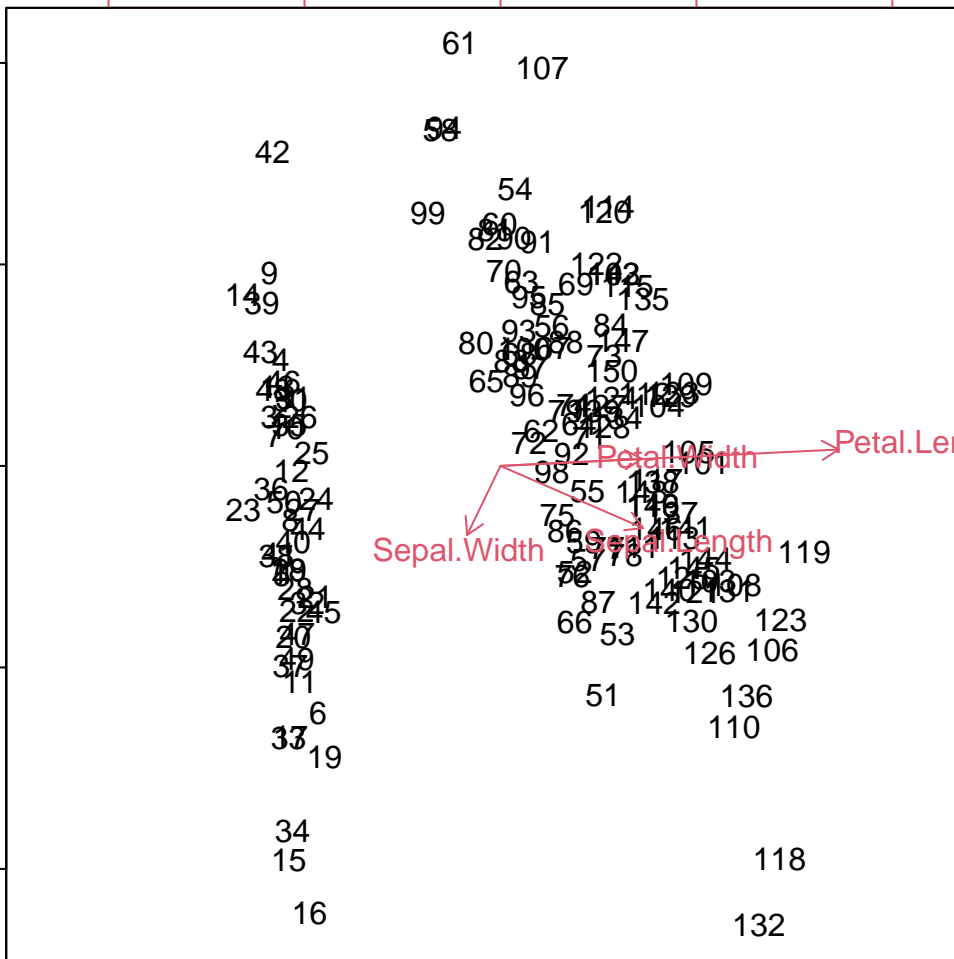
-0.1

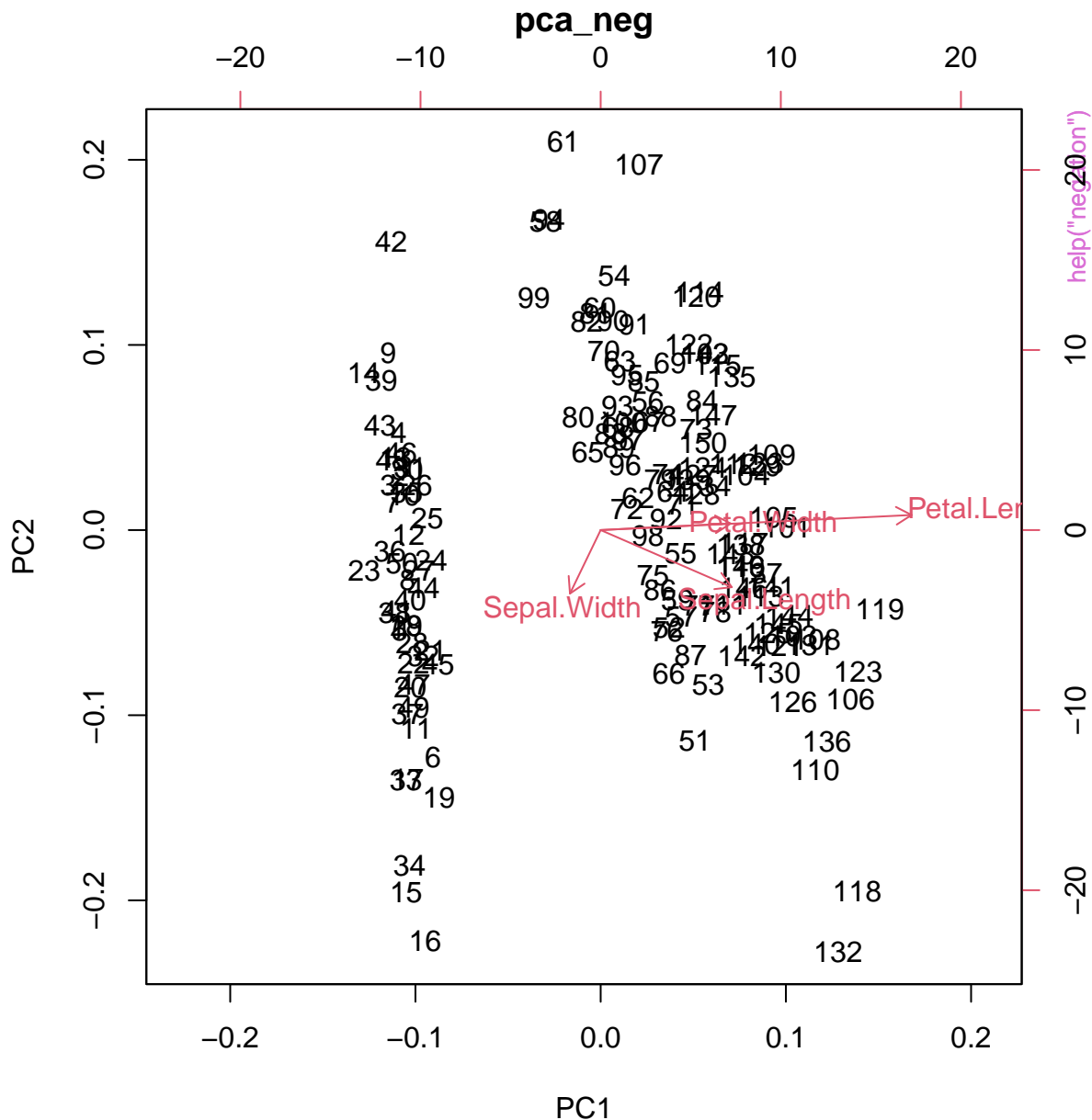
0.0

0.1

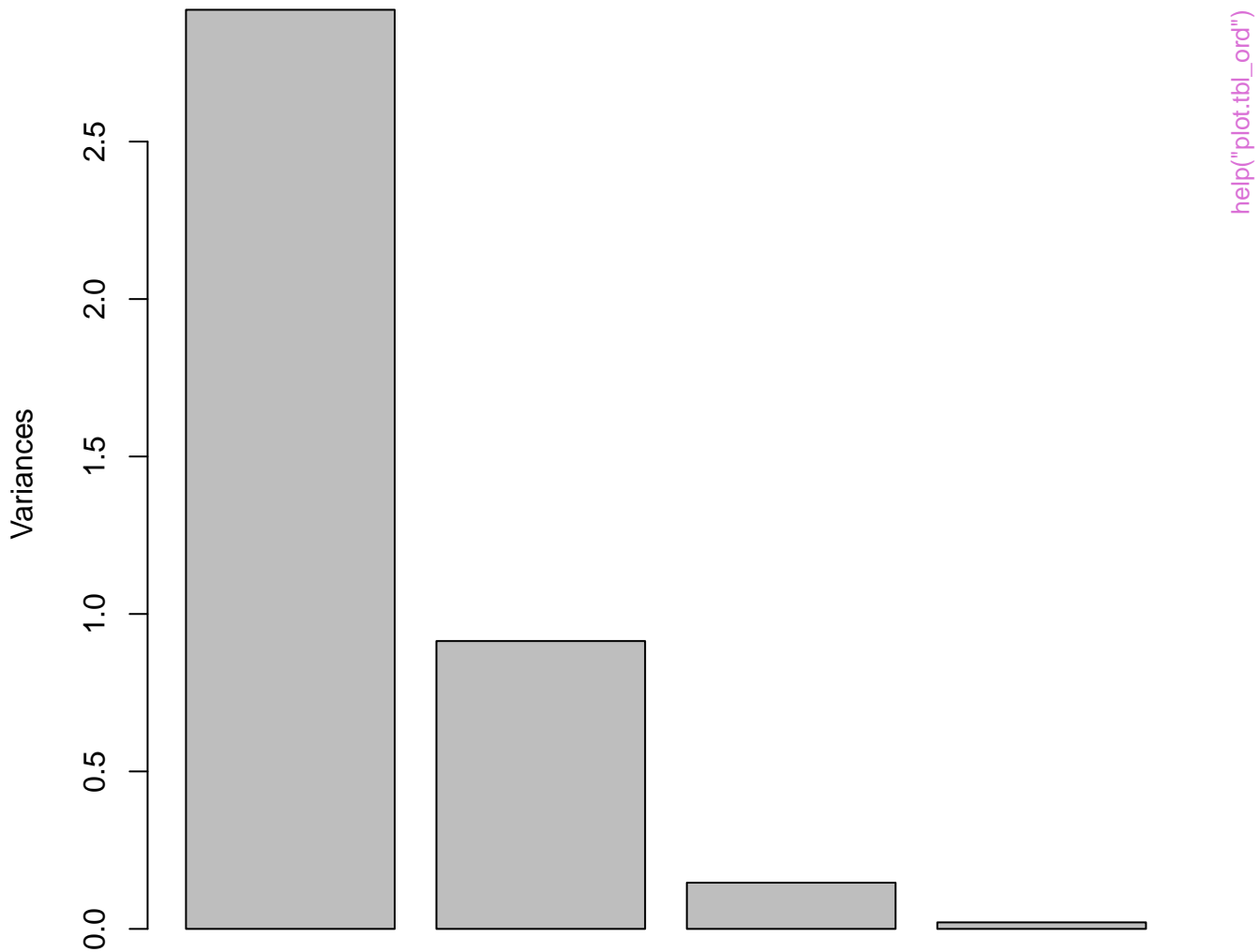
0.2

PC1

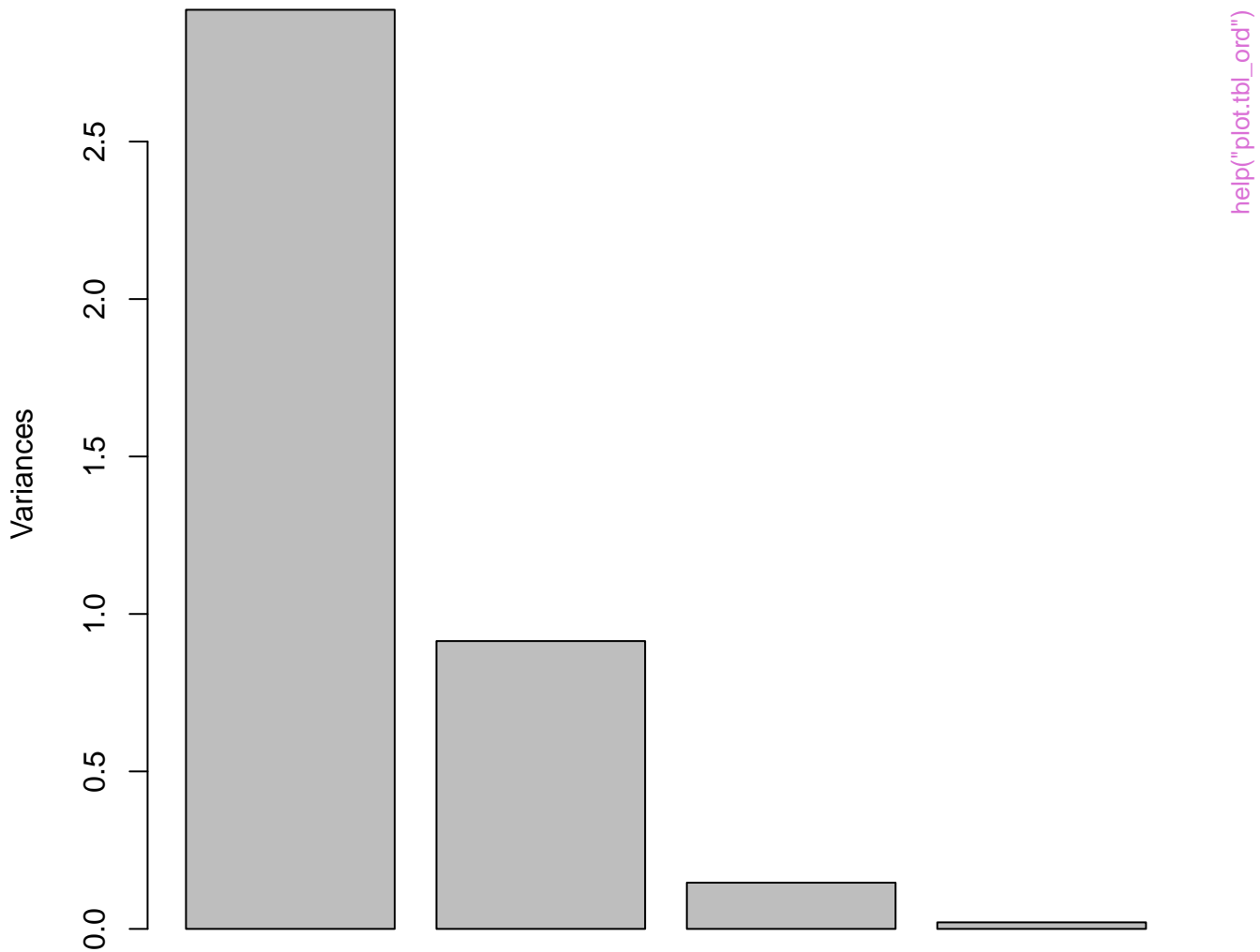




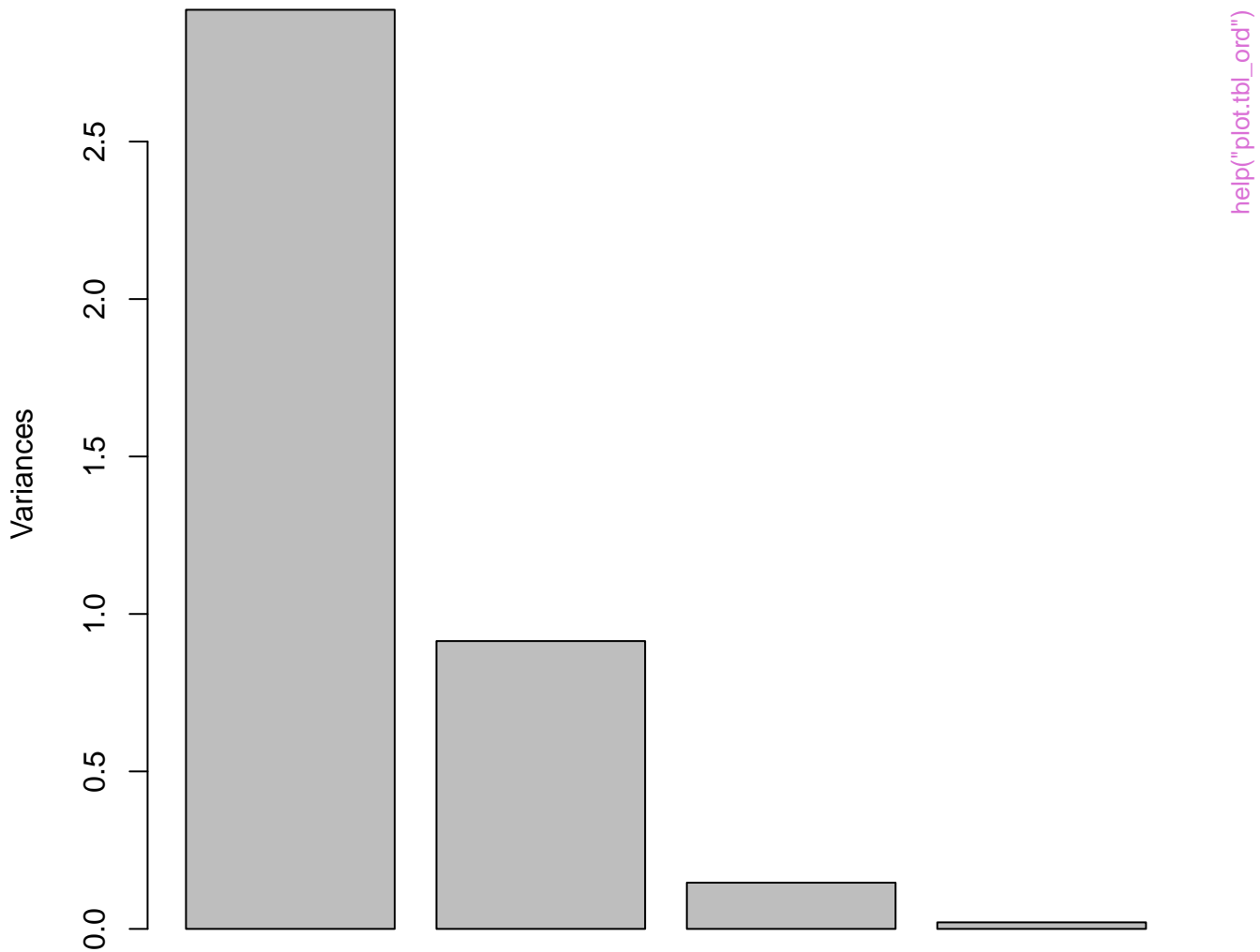
iris_pca



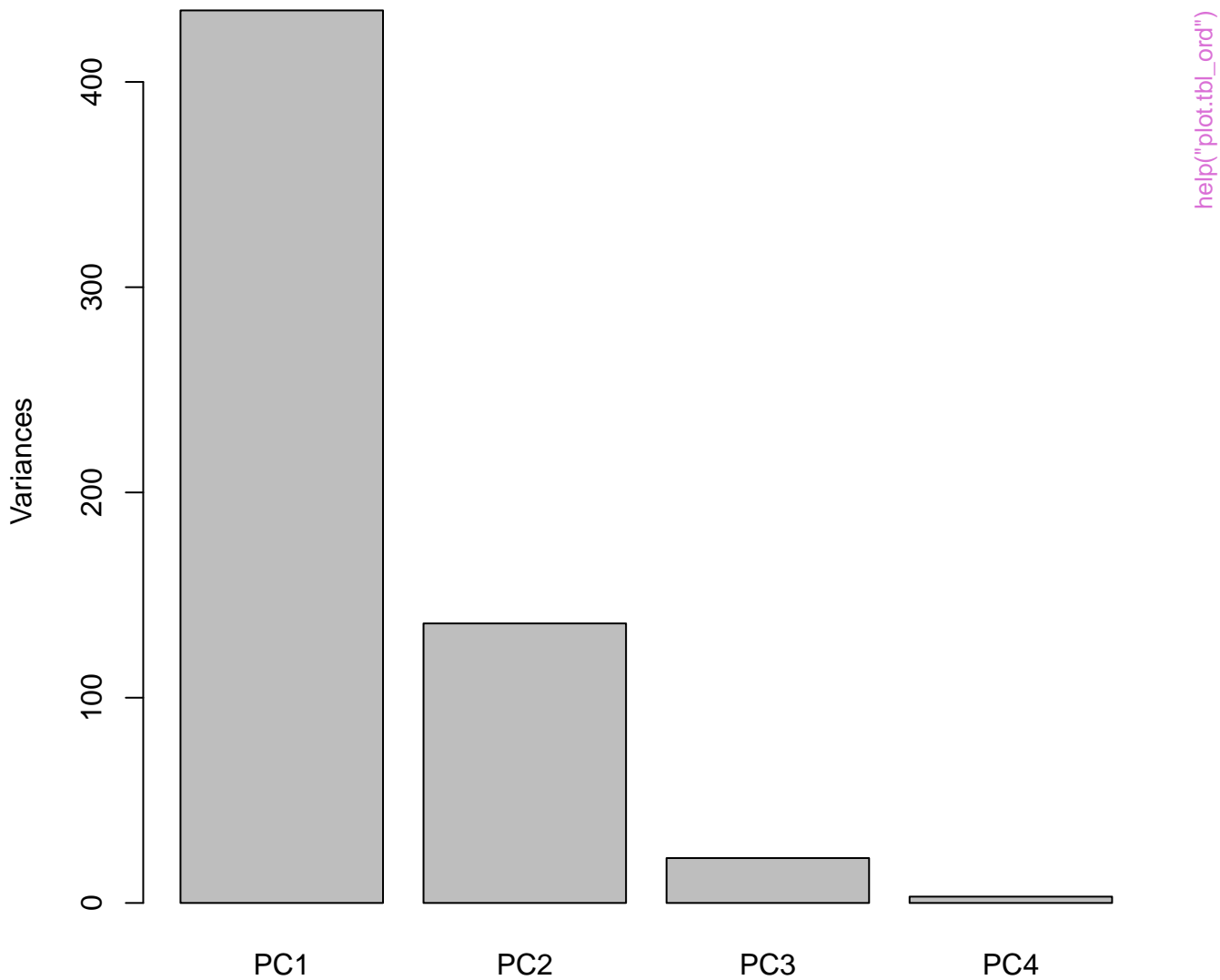
iris_pca_ord

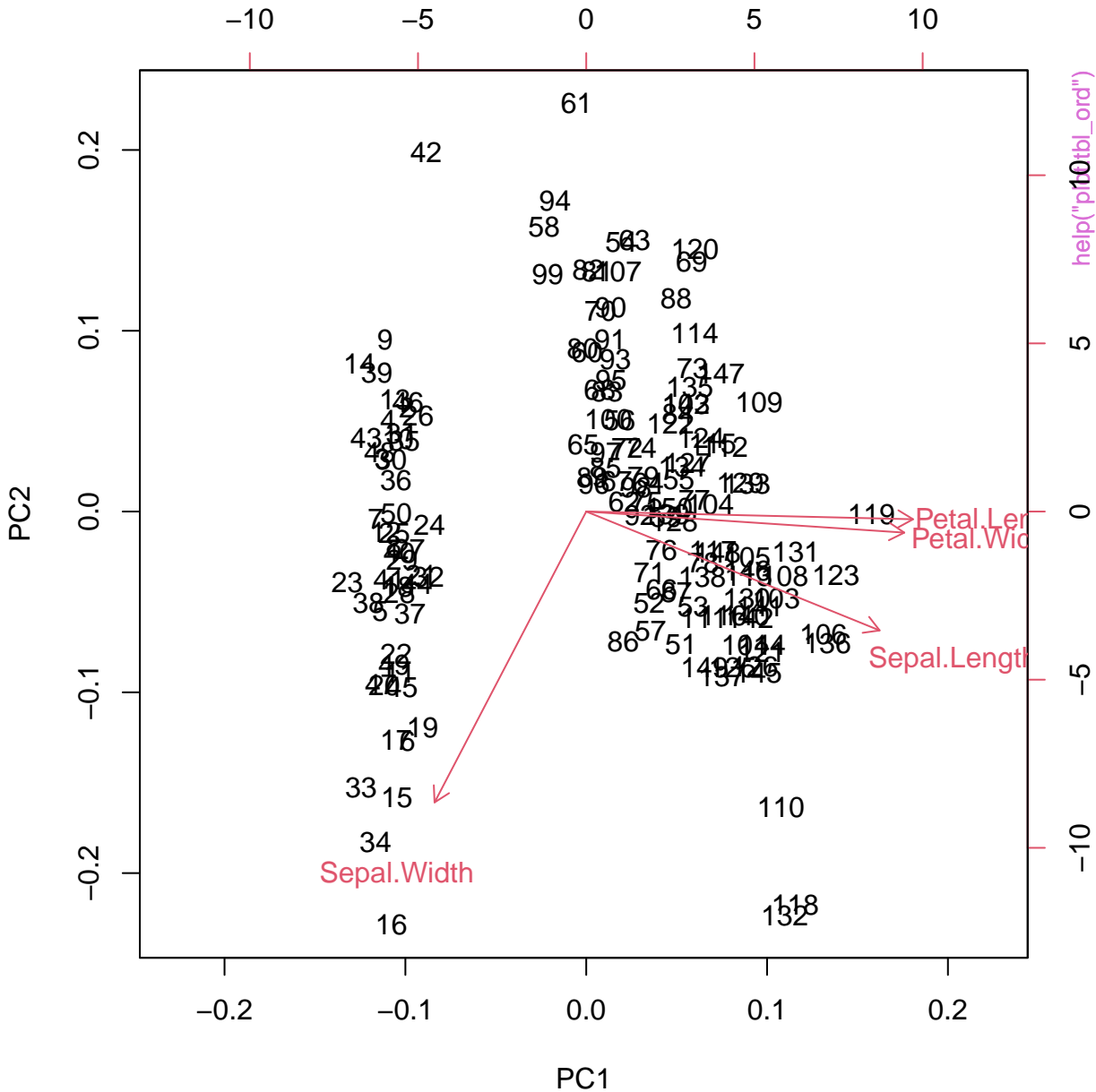


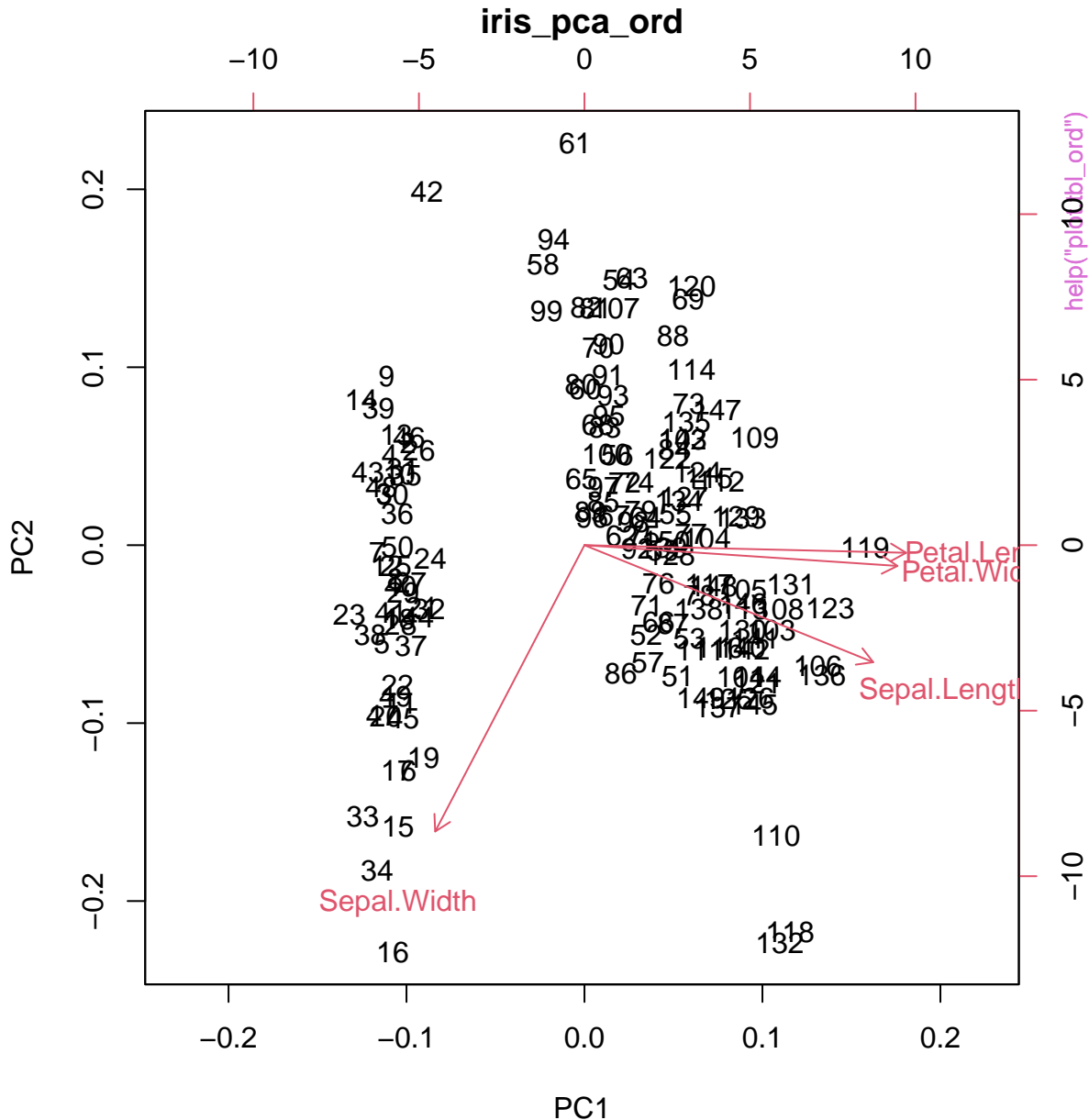
iris_pca

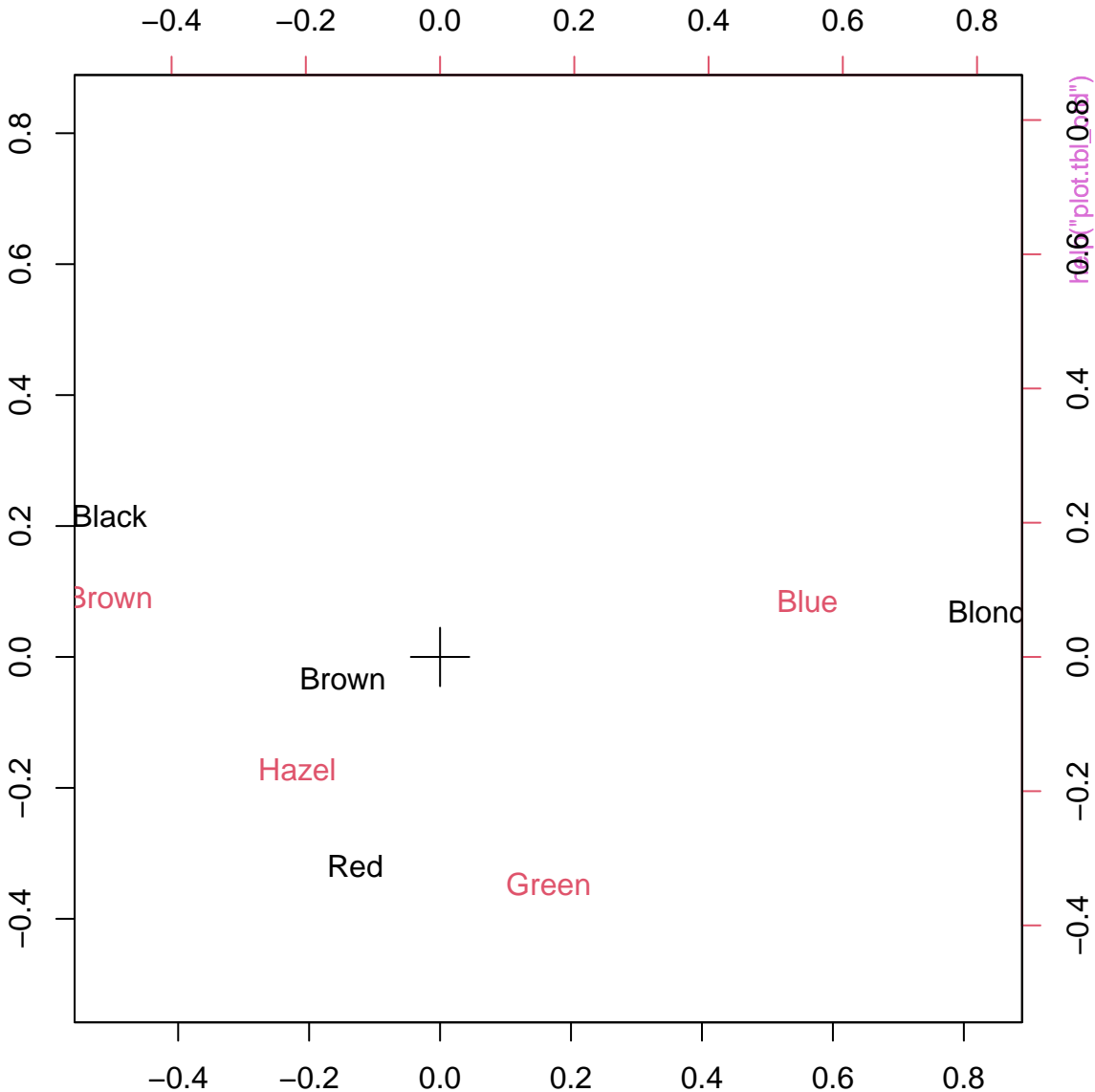


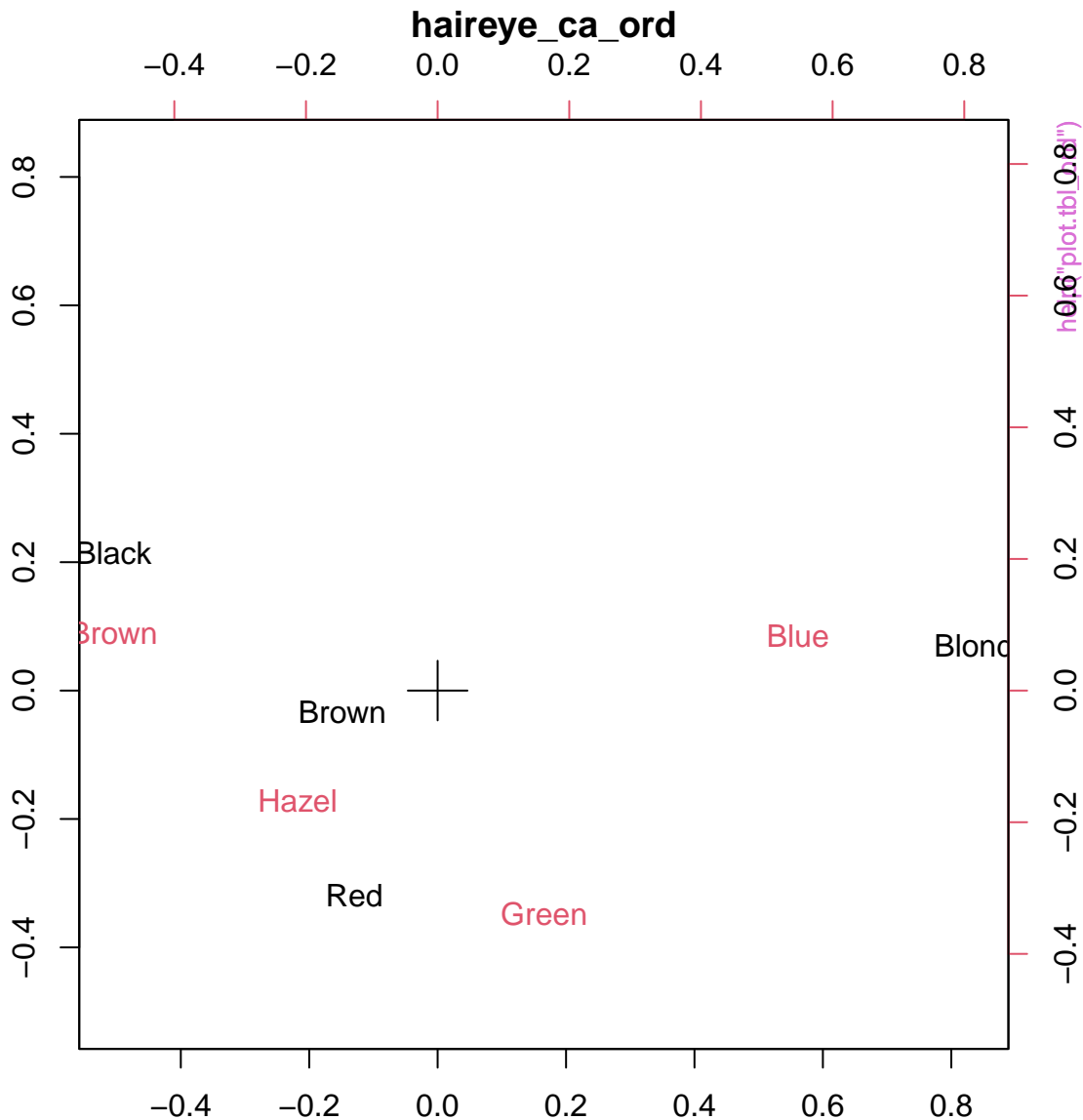
iris_pca_ord



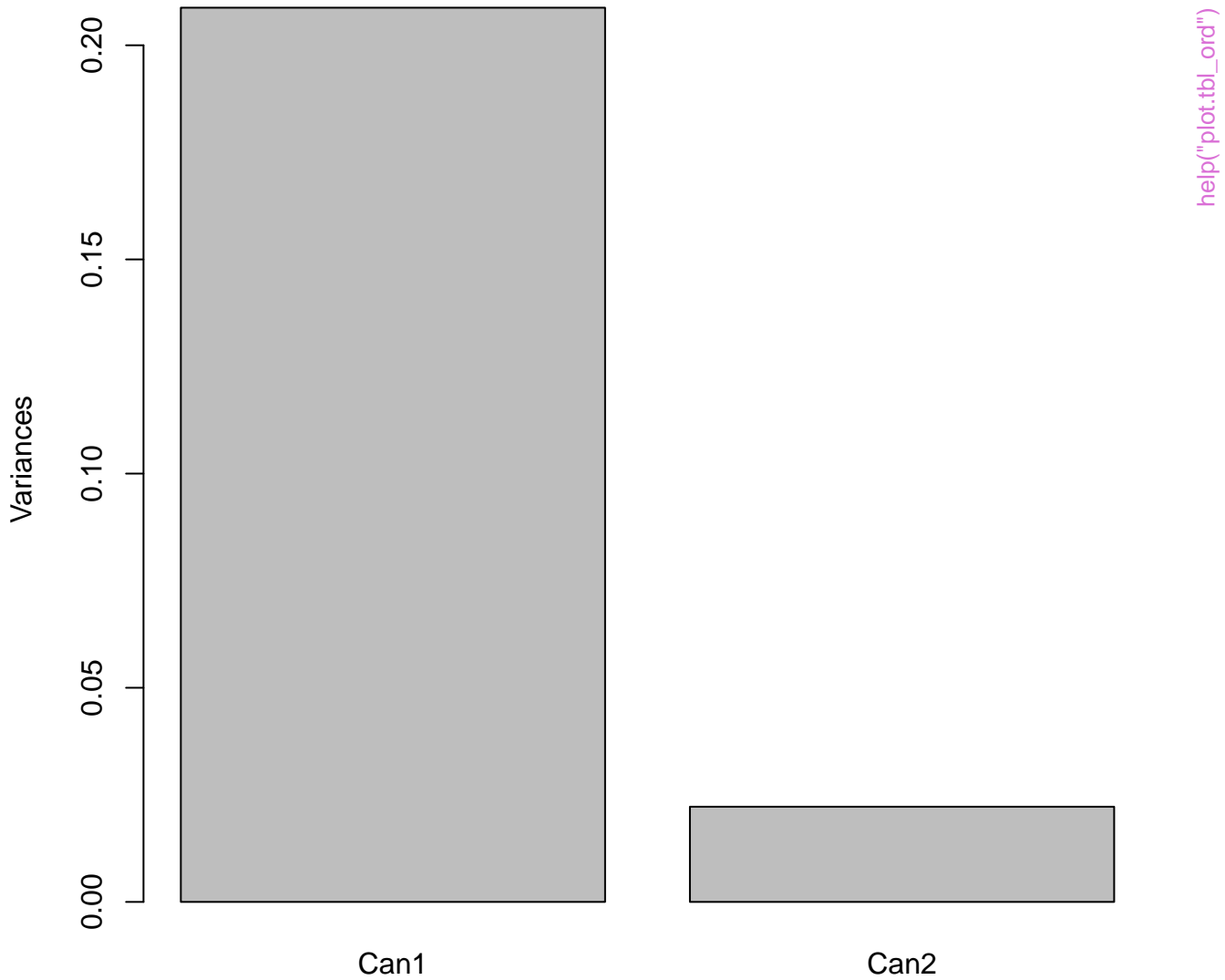


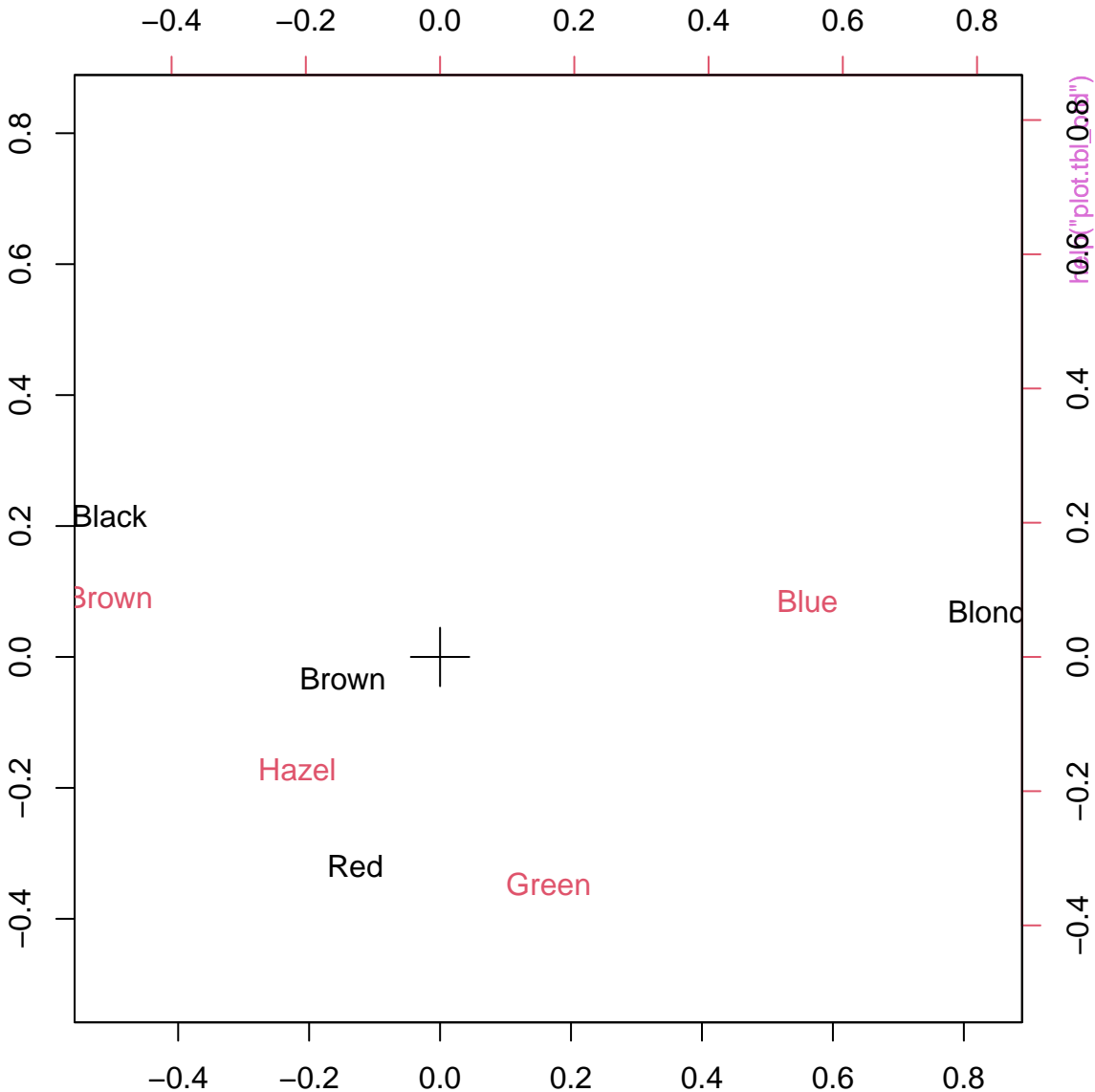


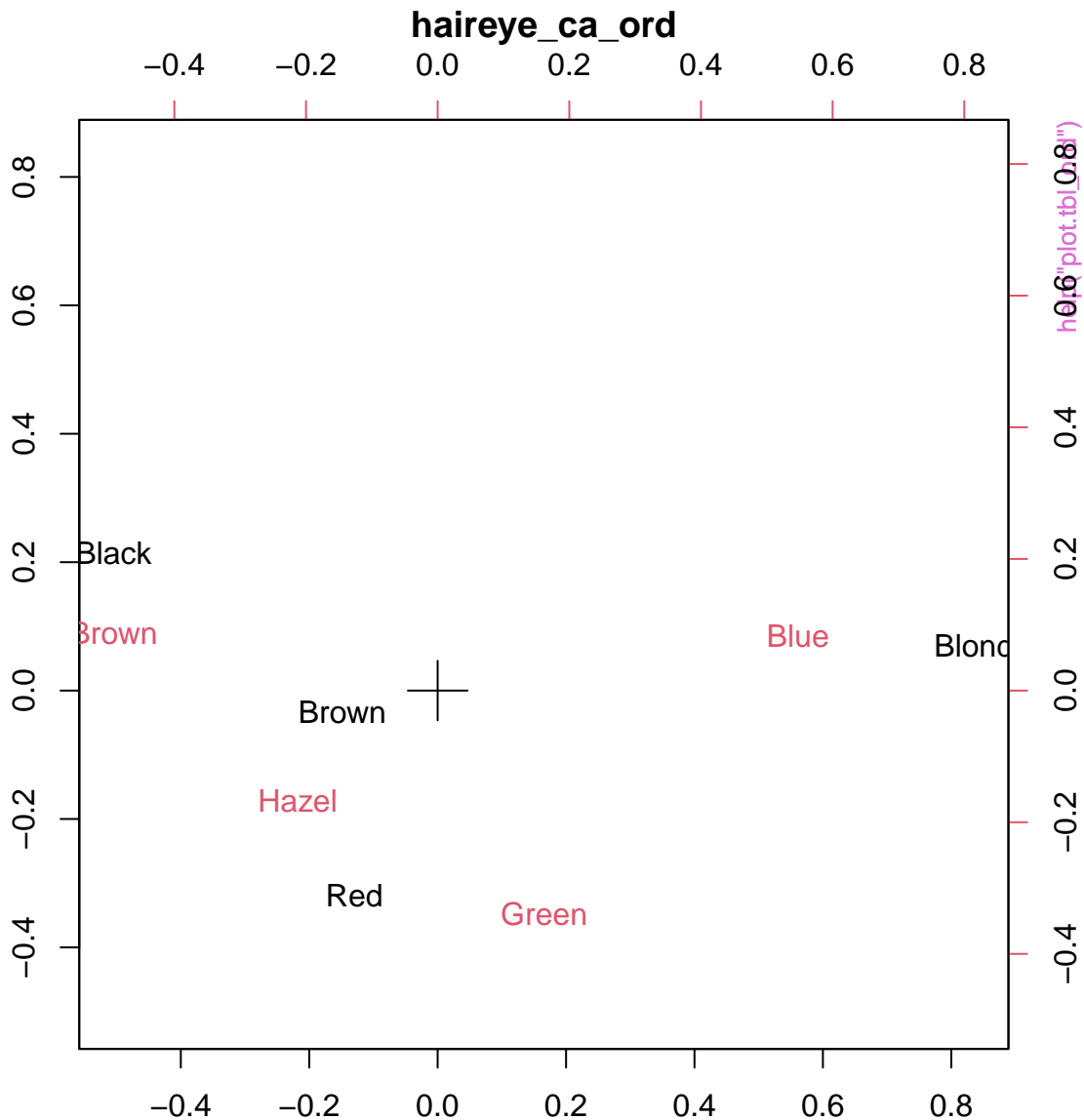


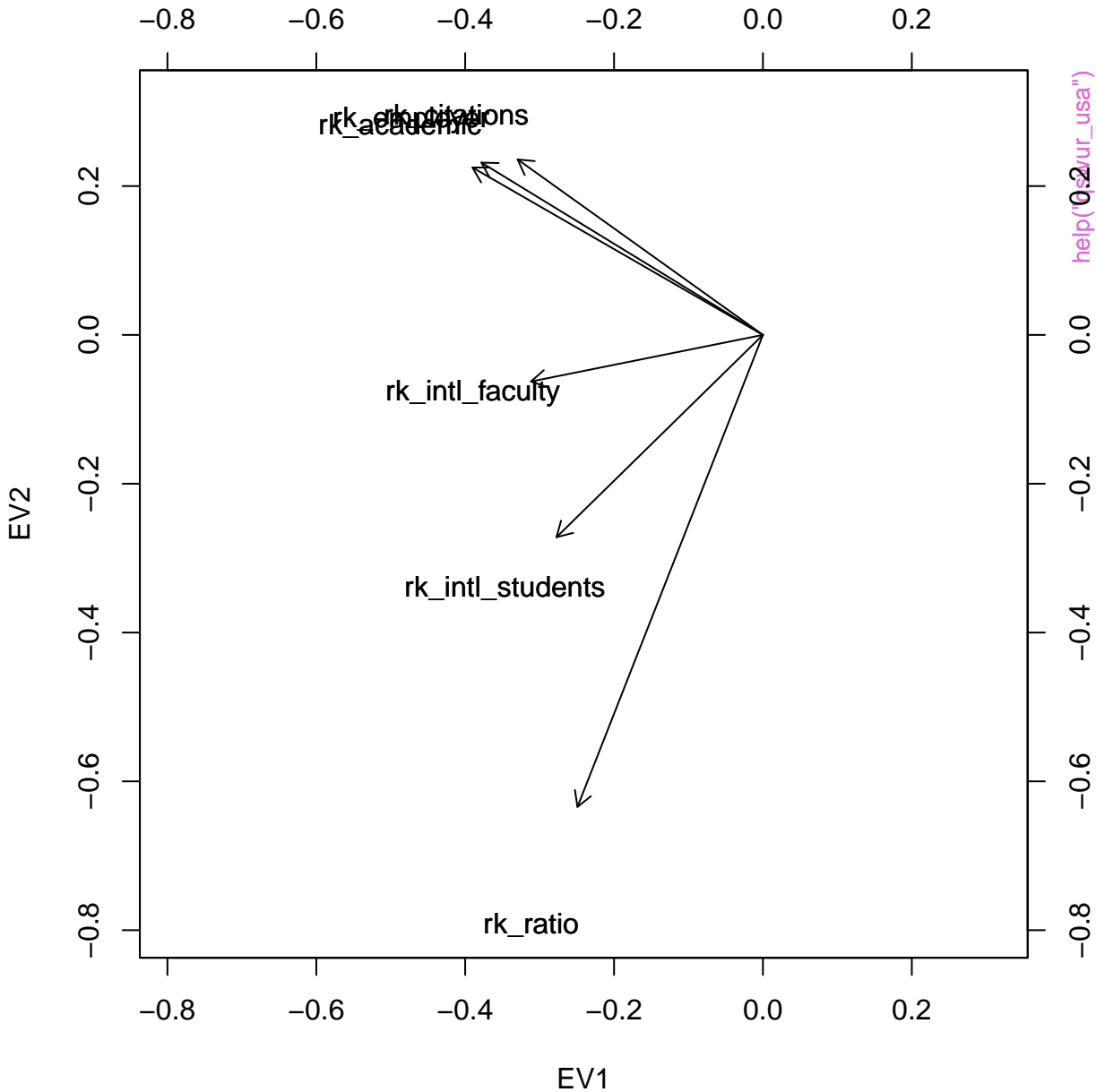


haireye_ca_ord



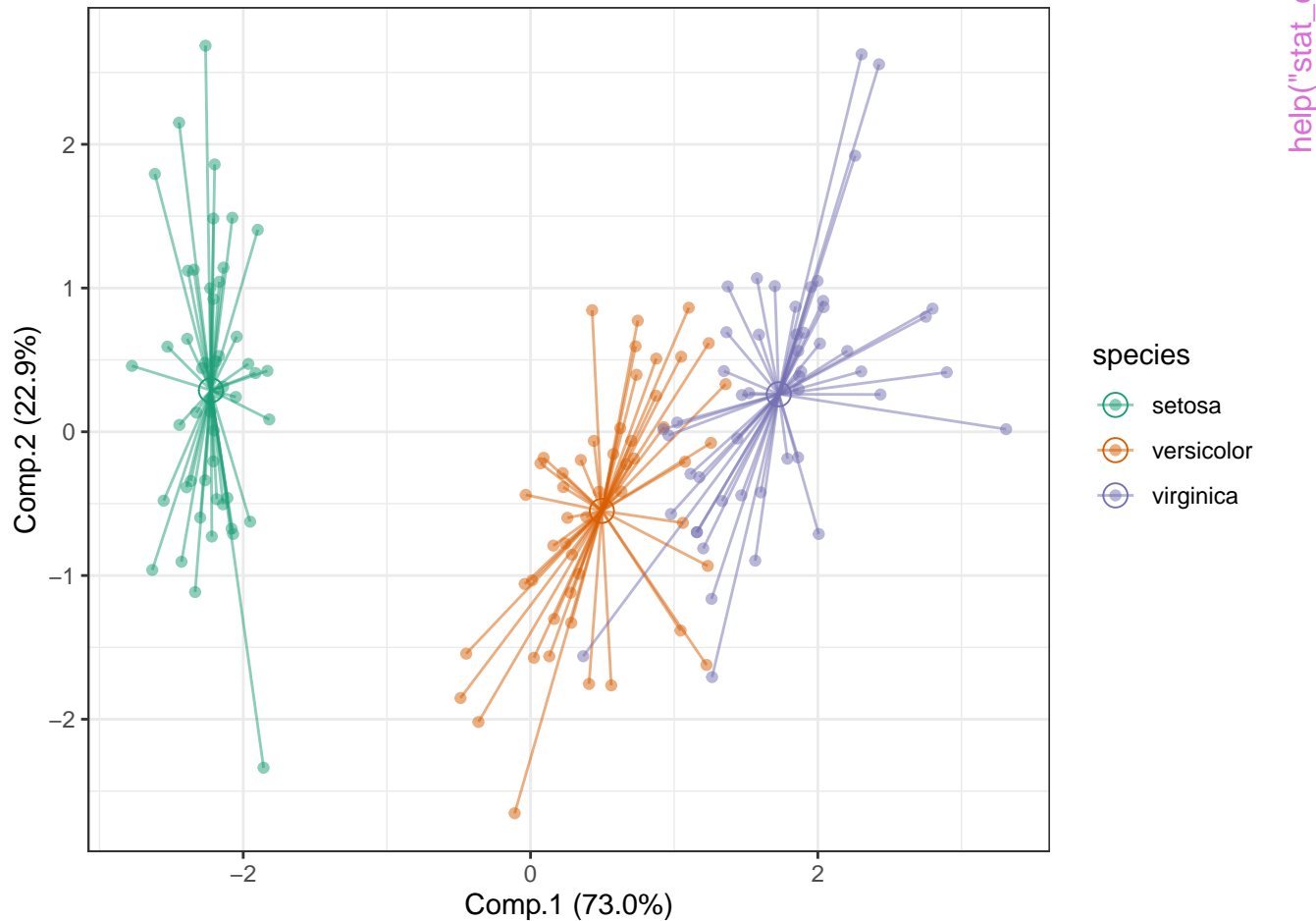




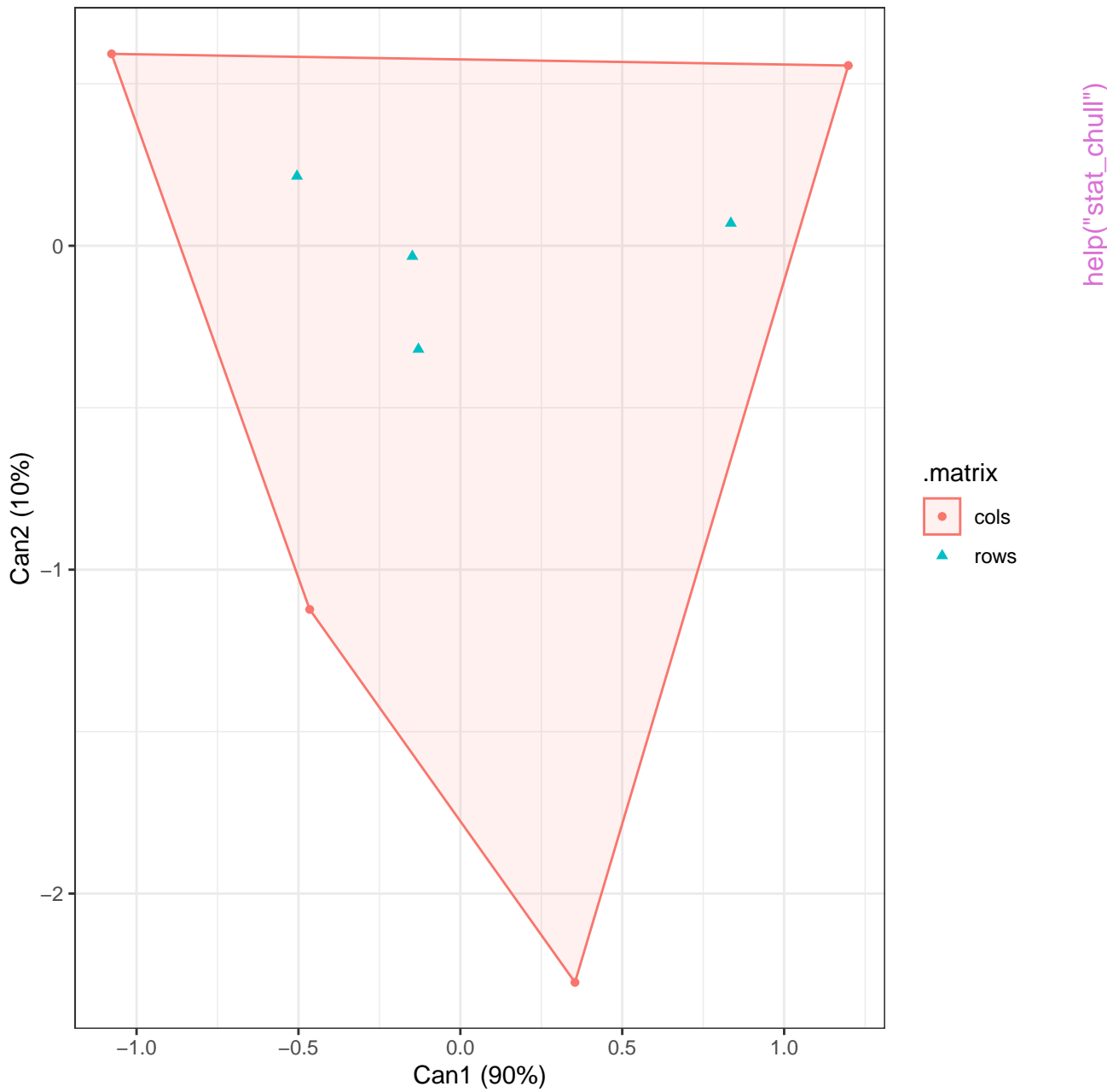


Row-principal PCA biplot of Anderson iris measurements

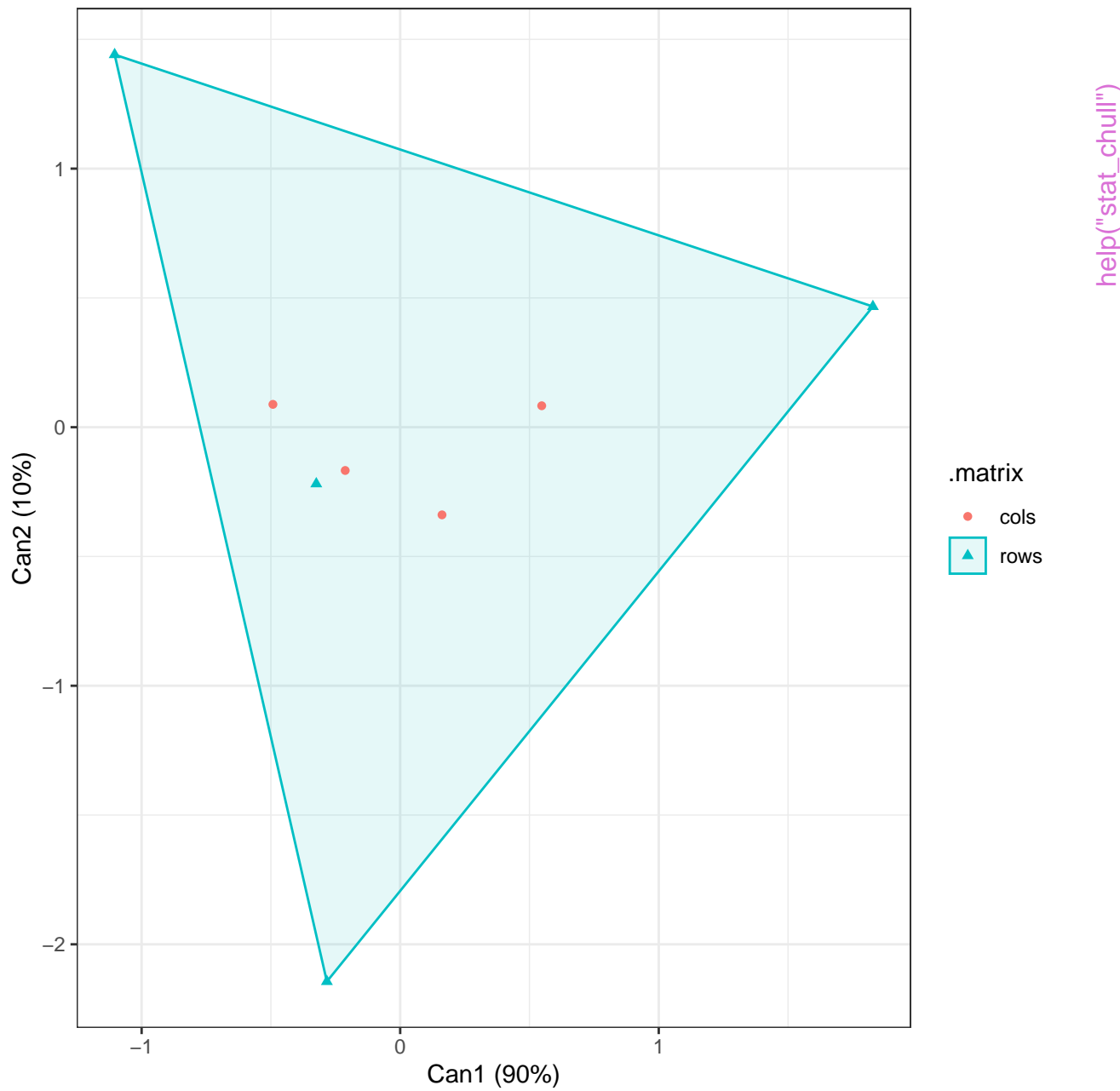
Segments connect each observation to its within-species centroid



Row-principal CA of hair & eye color



Column-principal CA of hair & eye color



U.S. Personal Expenditure data, 1940–1960

Row-principal biplot of centered PCA

