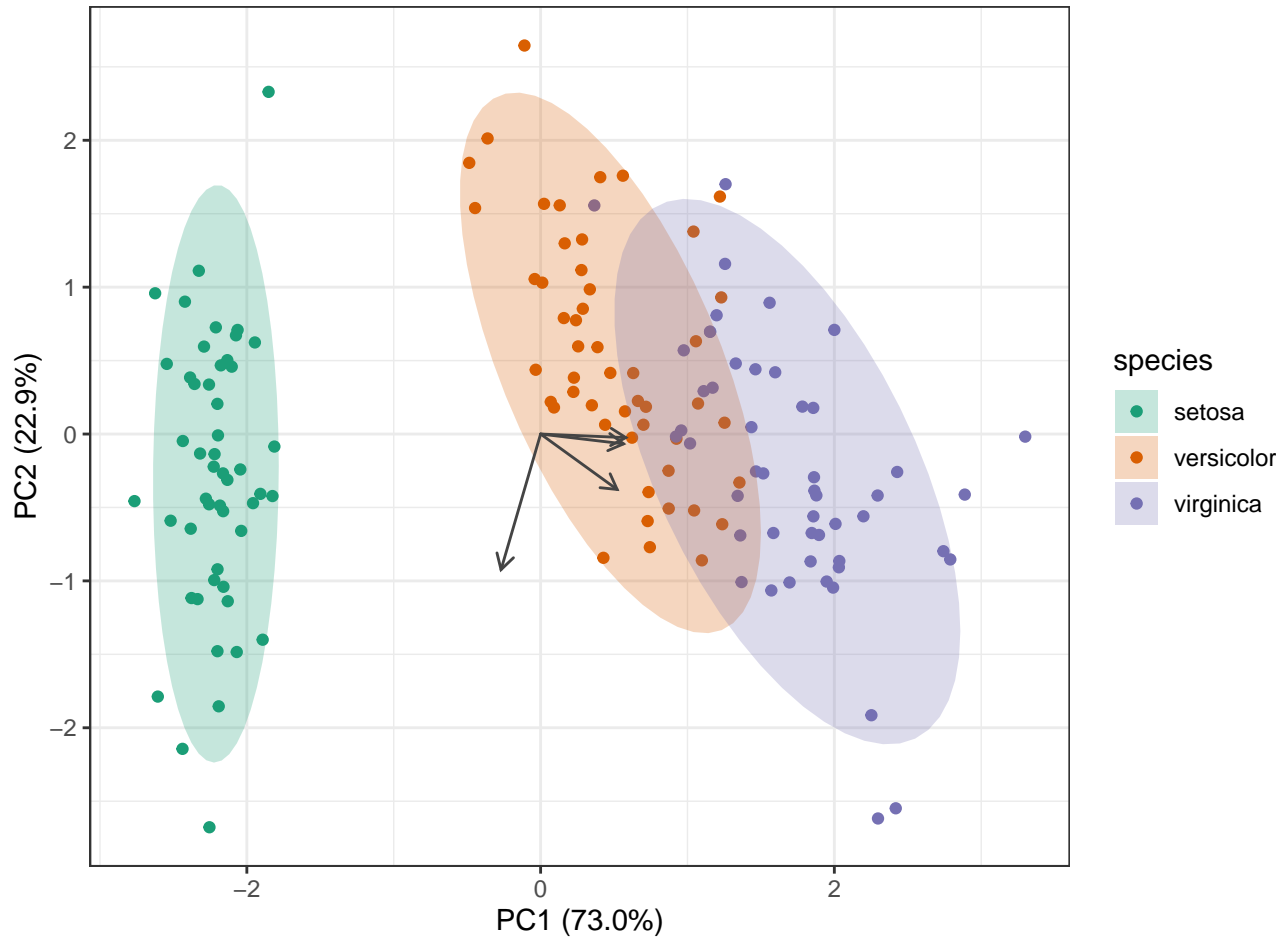


Row-principal PCA biplot of Anderson iris measurements

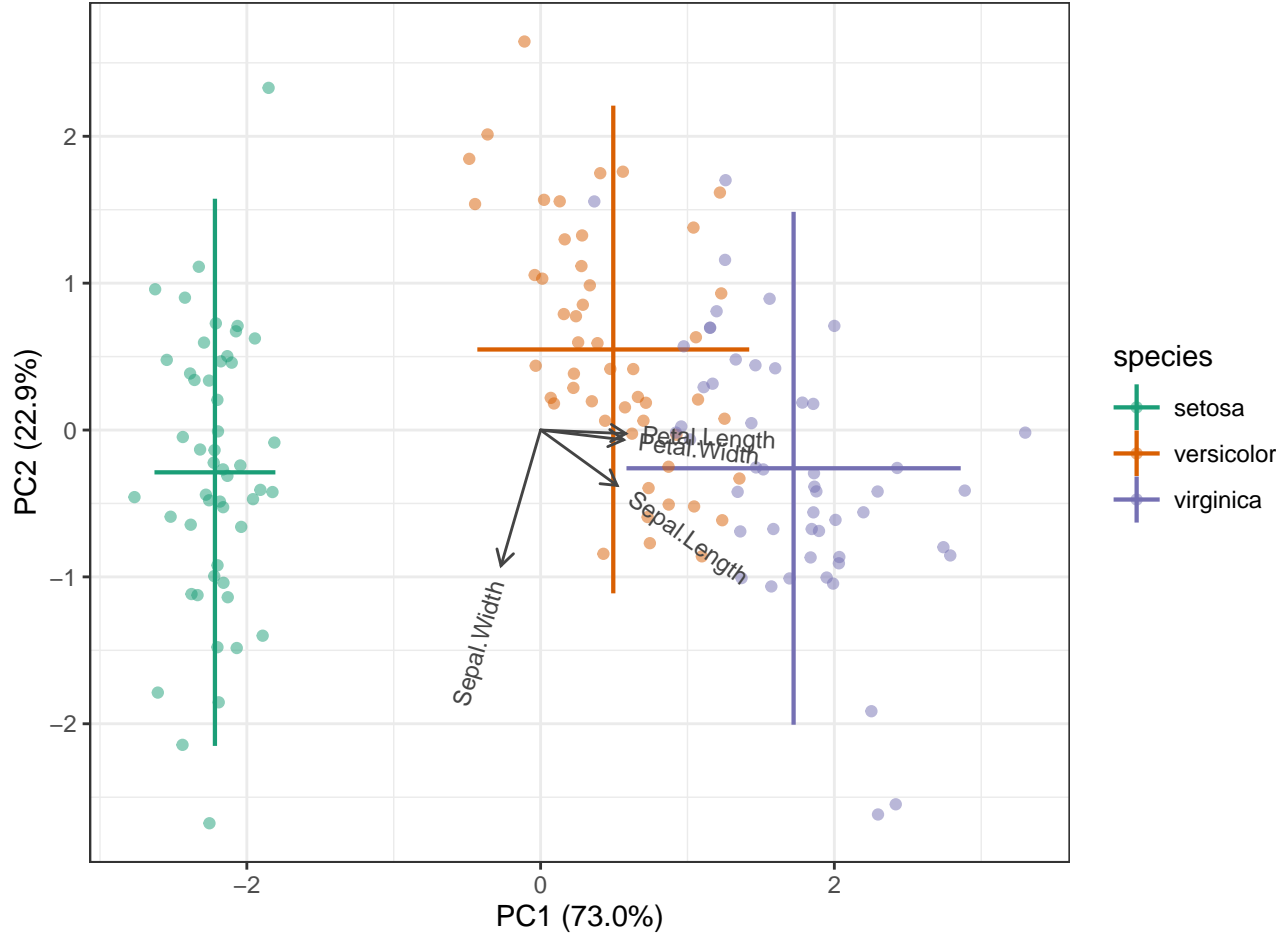
Overlaid with 95% confidence disks



help("biplot-stats")

Row-principal PCA biplot of Anderson iris data

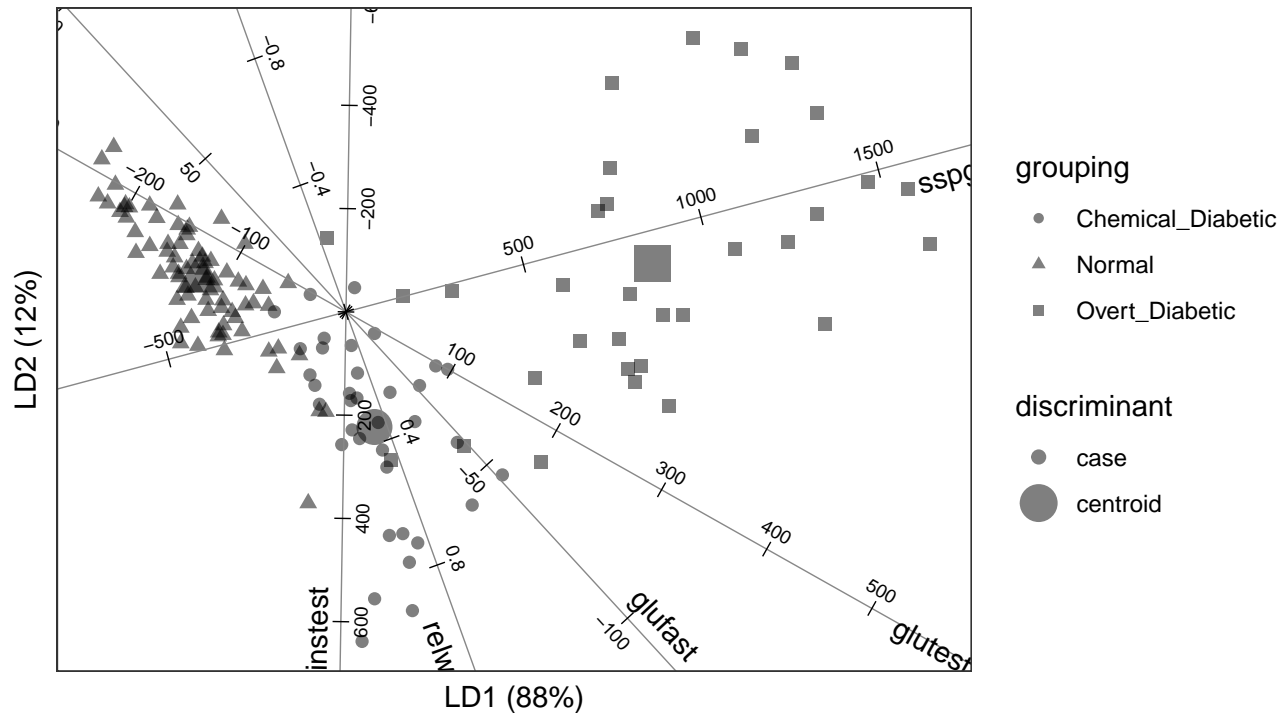
Ranges 2 sample standard deviations from centroids



help("draw-key")

LDA of Reaven & Miller diabetes groups

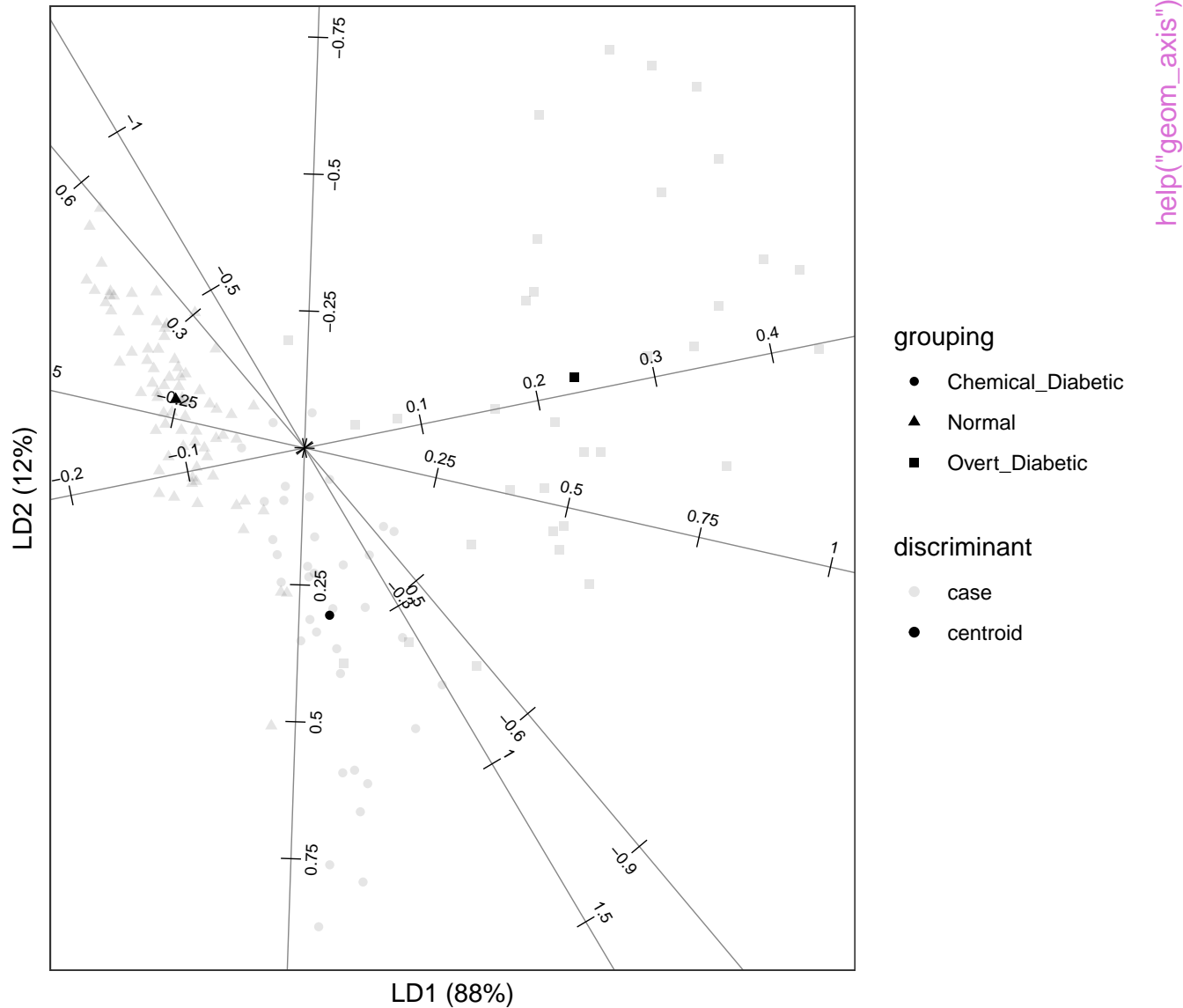
Row-standard biplot of standardized LDA



help("geom_axis")

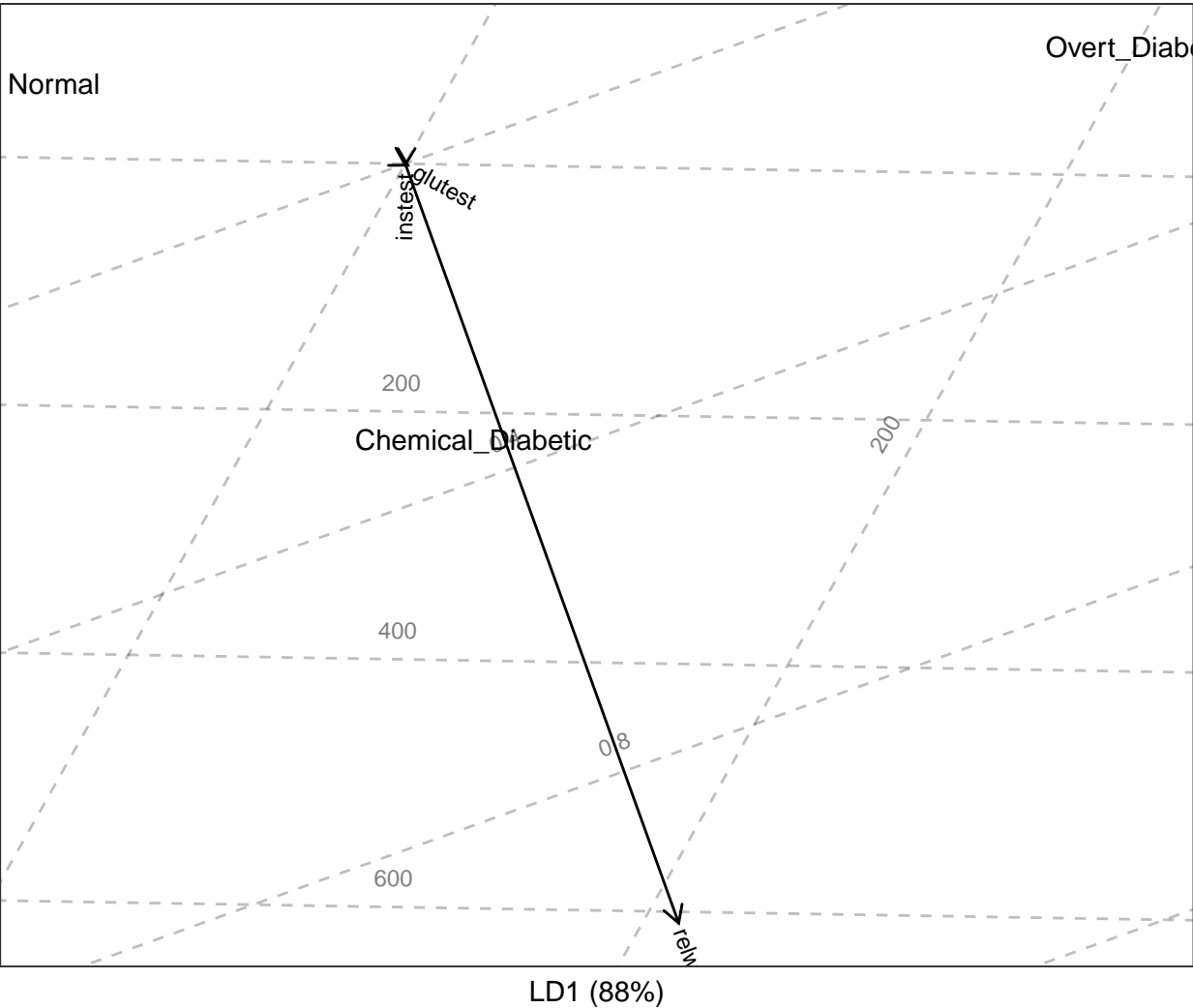
LDA of Reaven & Miller diabetes groups

Symmetric biplot of contribution LDA



LDA of Reaven & Miller diabetes groups

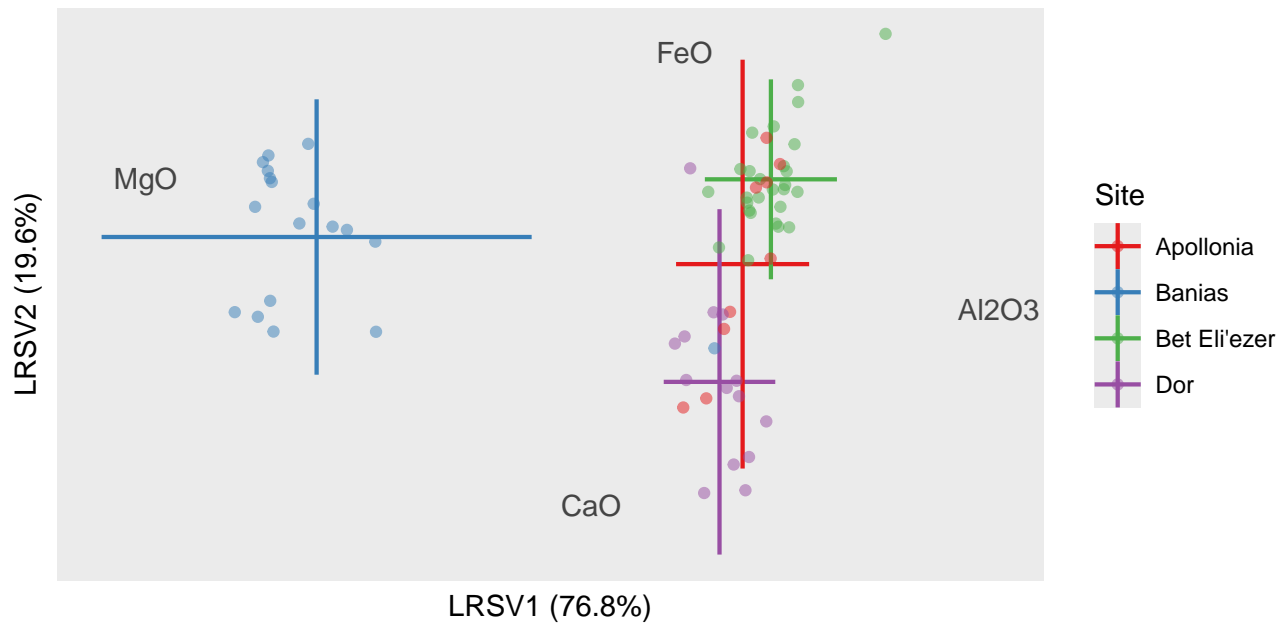
Row-standard biplot of standardized LDA

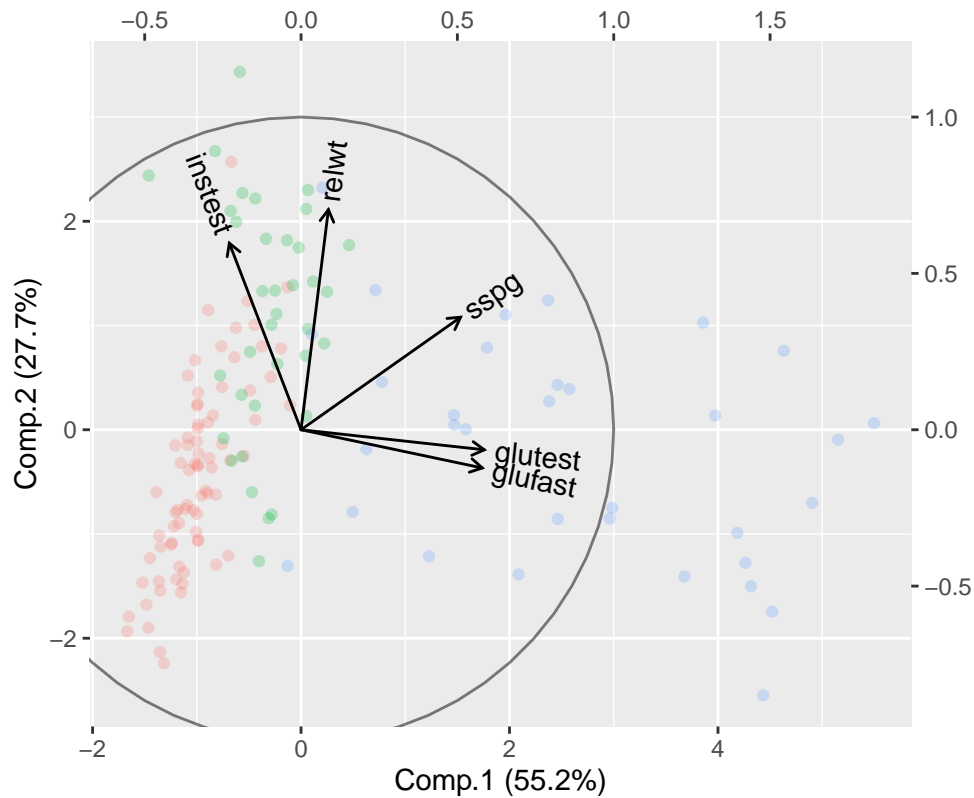


help("geom_isoline")

Row-principal LRA biplot of Freestone glass measurements

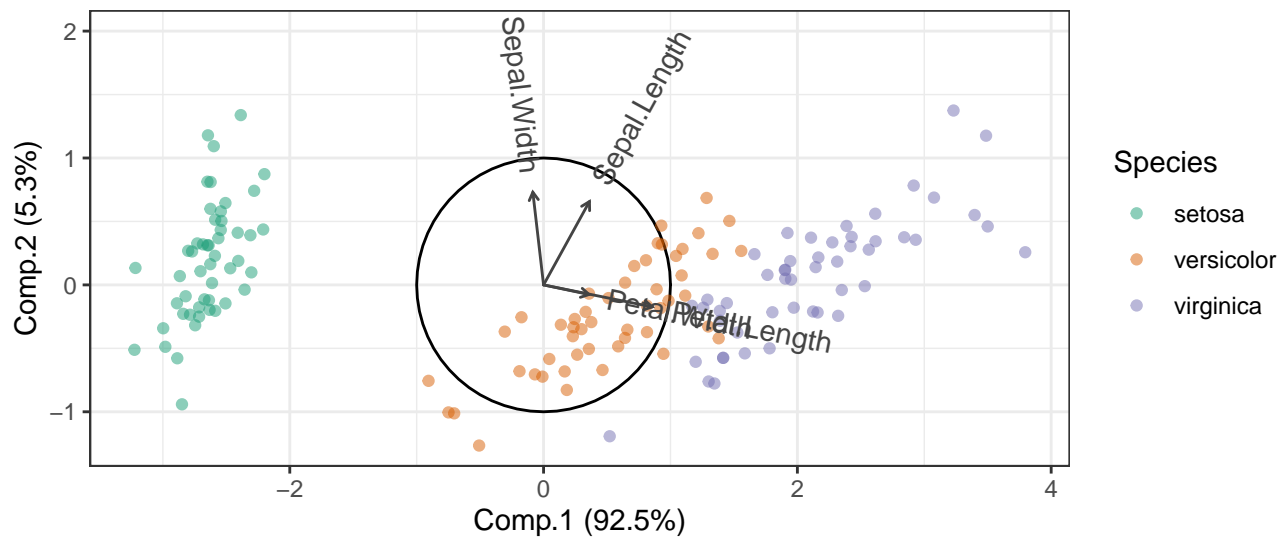
Ranges 2 sample standard deviations from centroids





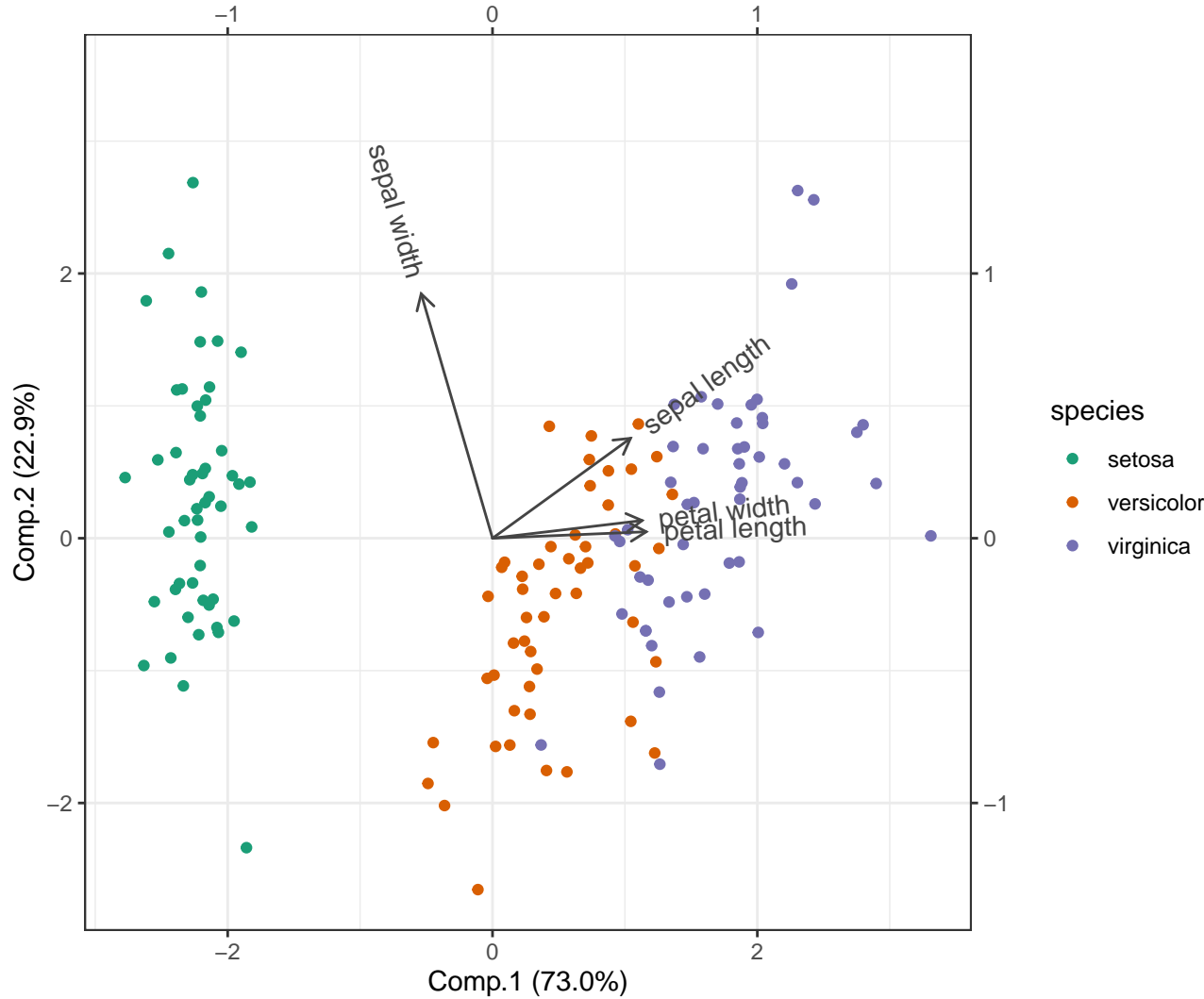
help("geom_unit_circle")

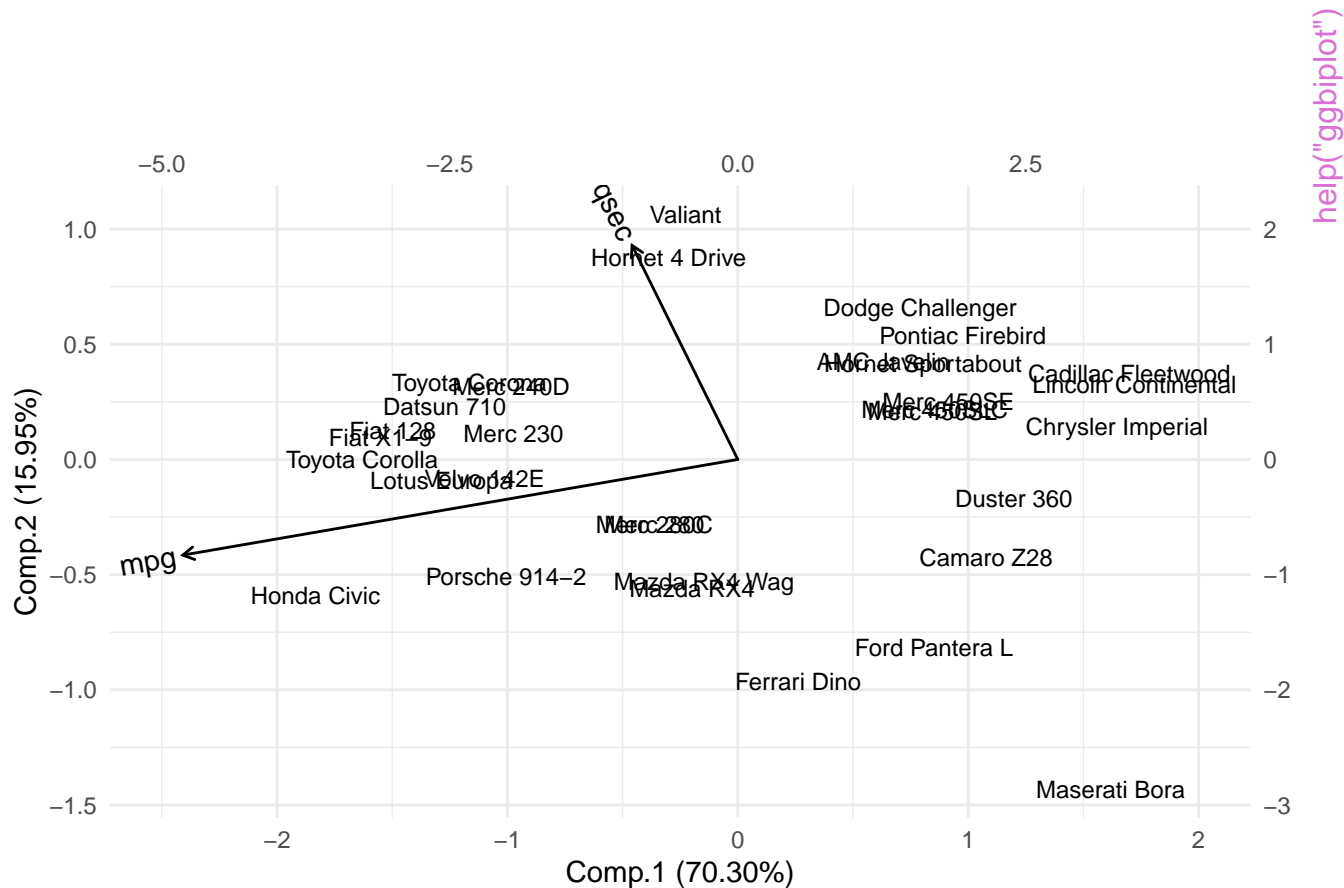
Row-principal unscaled PCA biplot of Anderson iris measurements

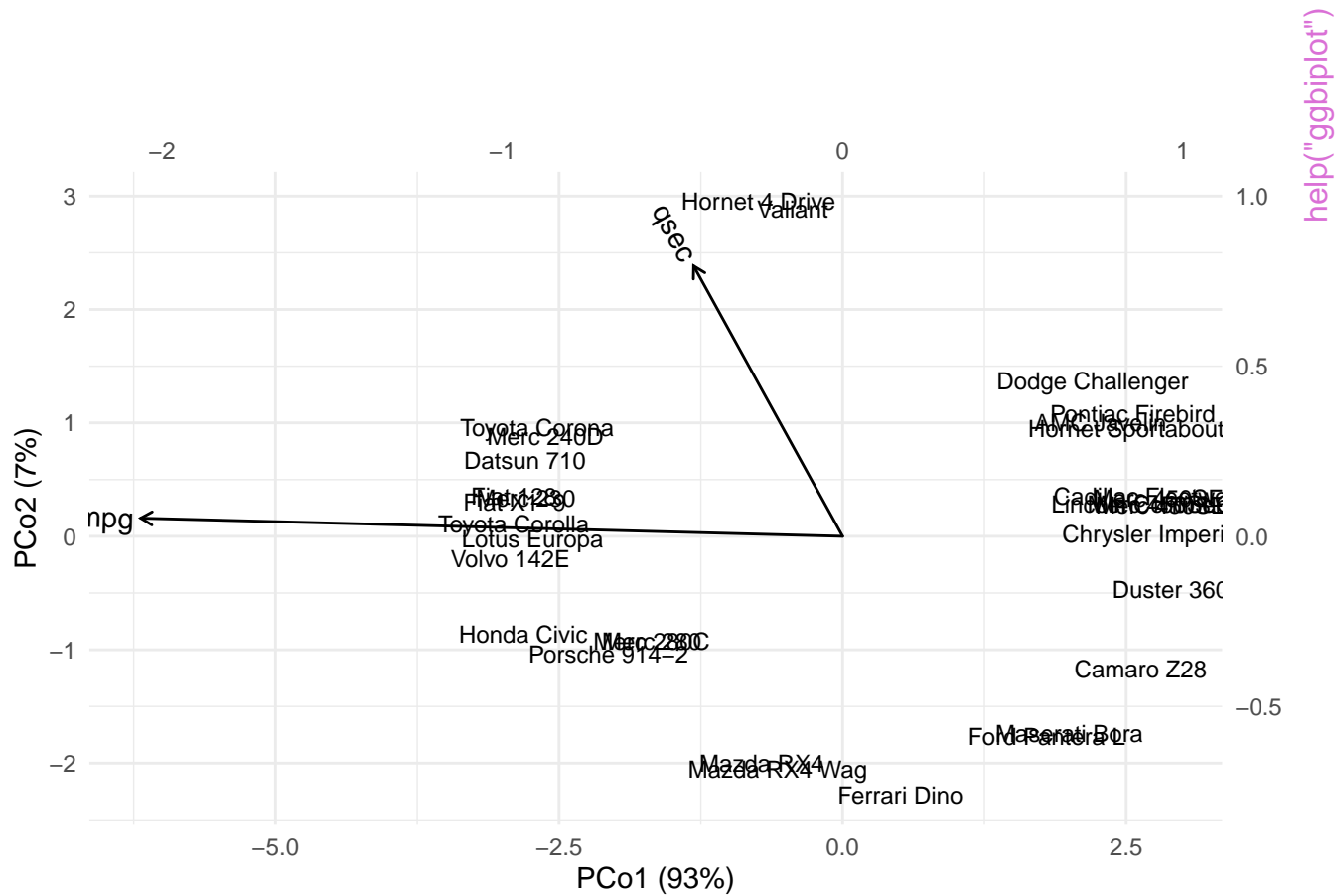


Row-principal PCA biplot of Anderson iris measurements

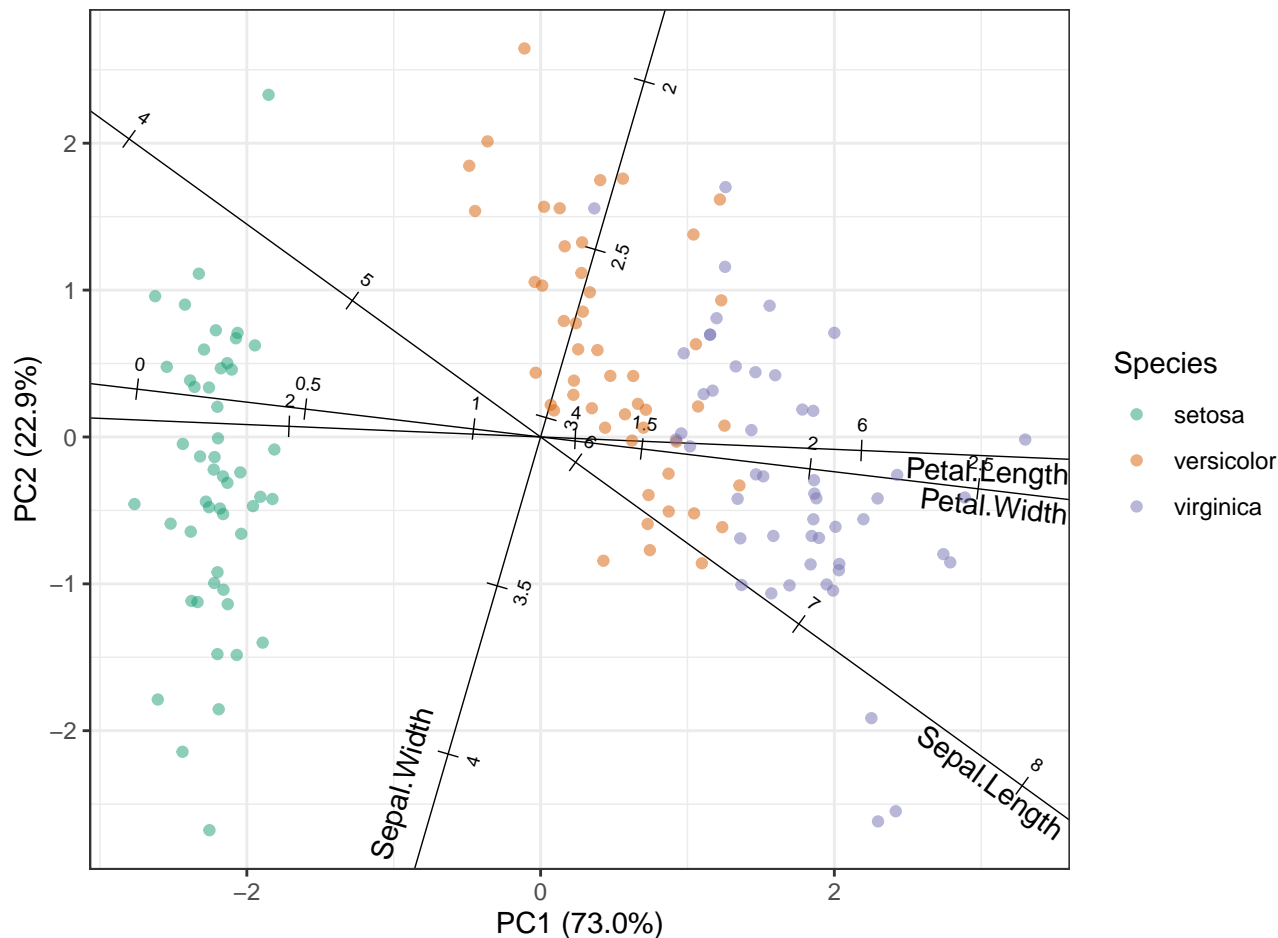
Variable loadings scaled to secondary axes

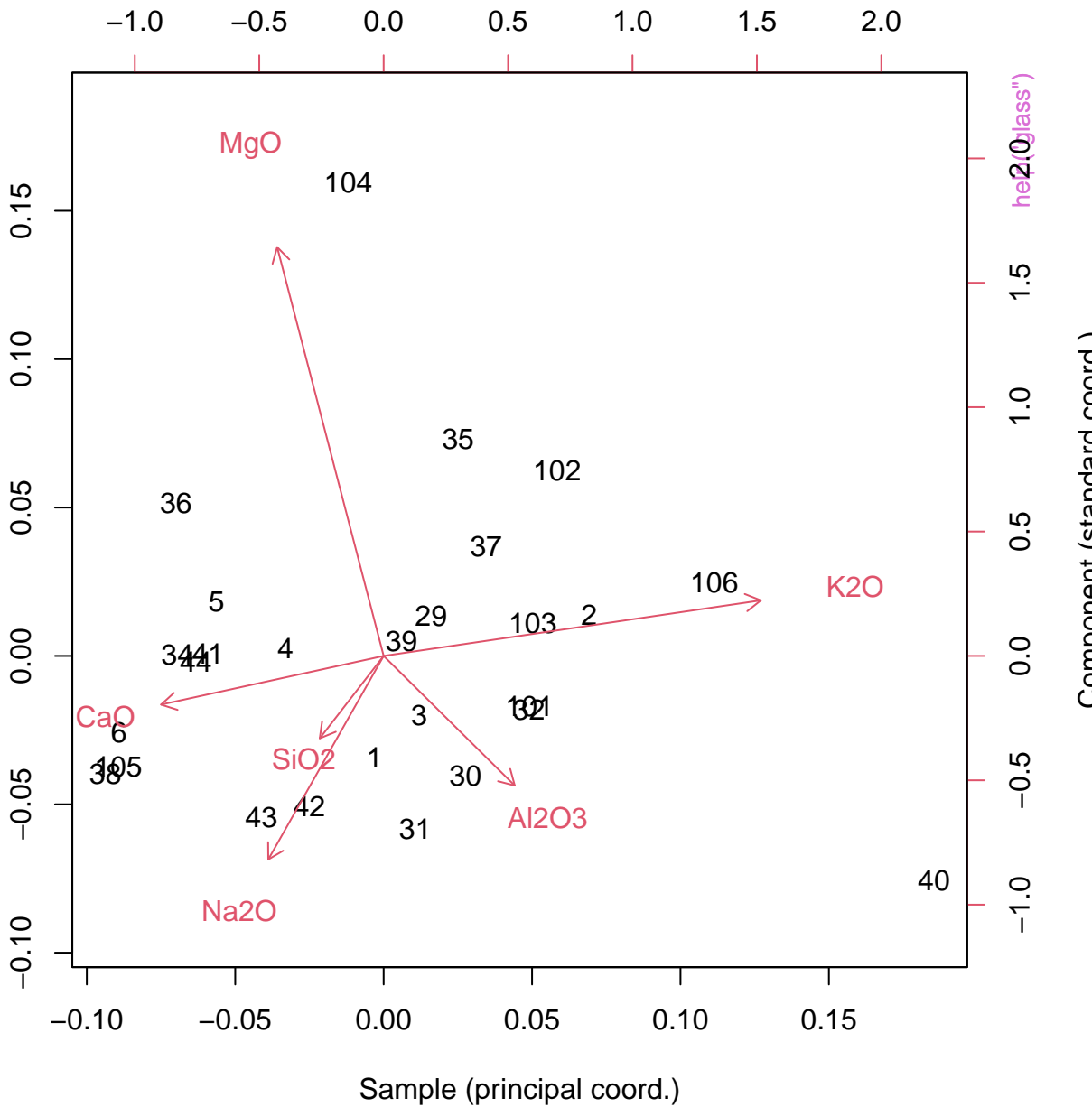




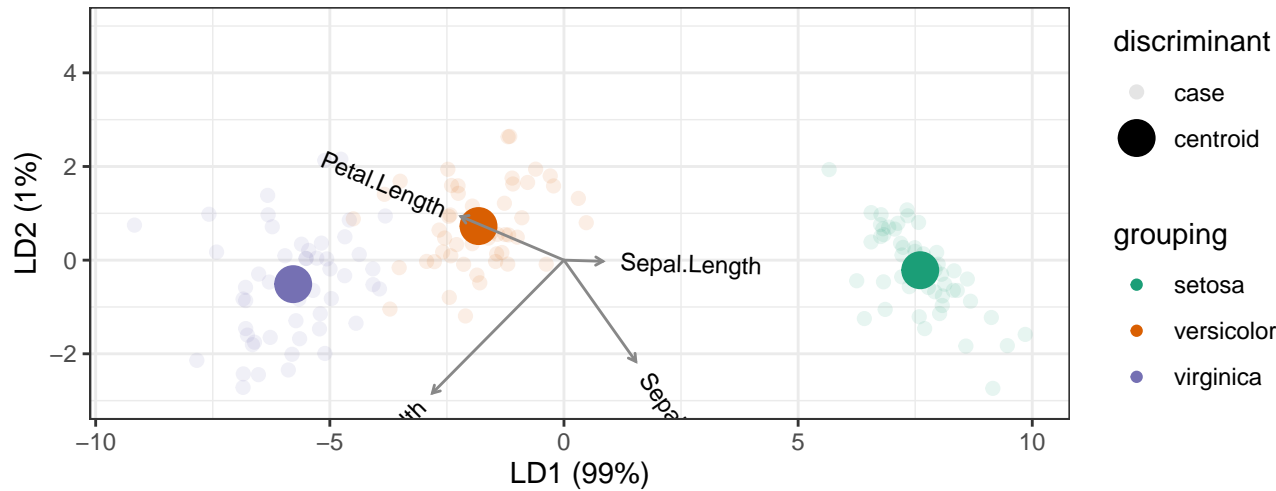


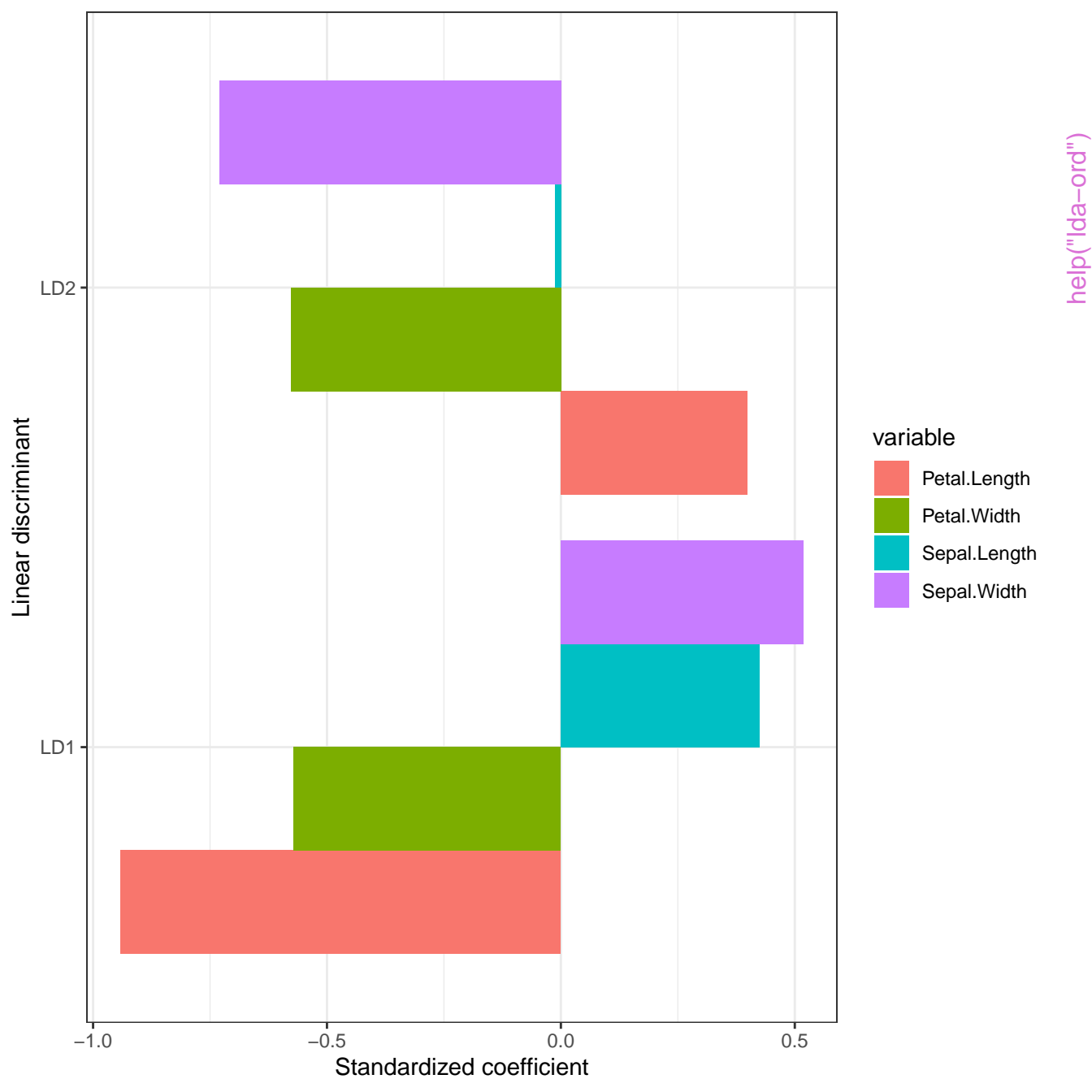
Predictive biplot of Anderson iris measurements



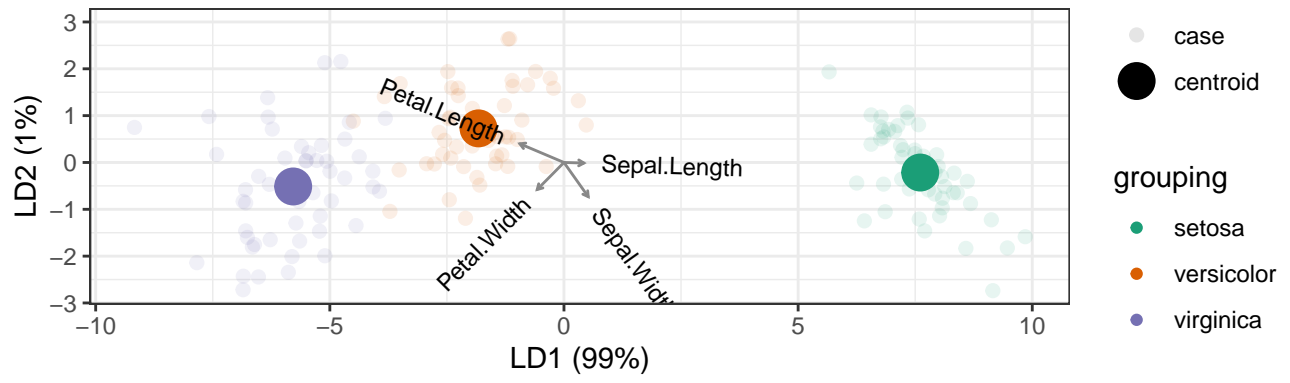


Unstandardized coefficient biplot of iris LDA

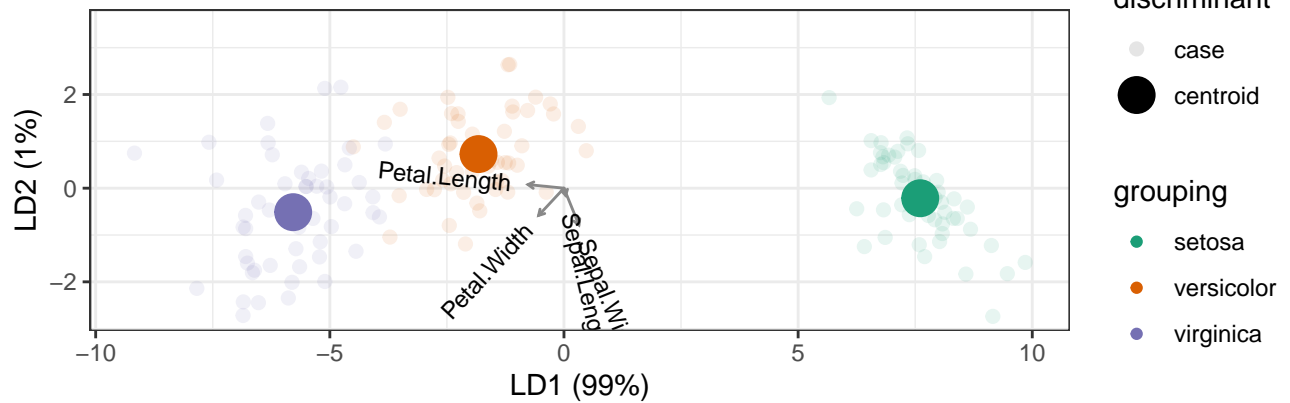




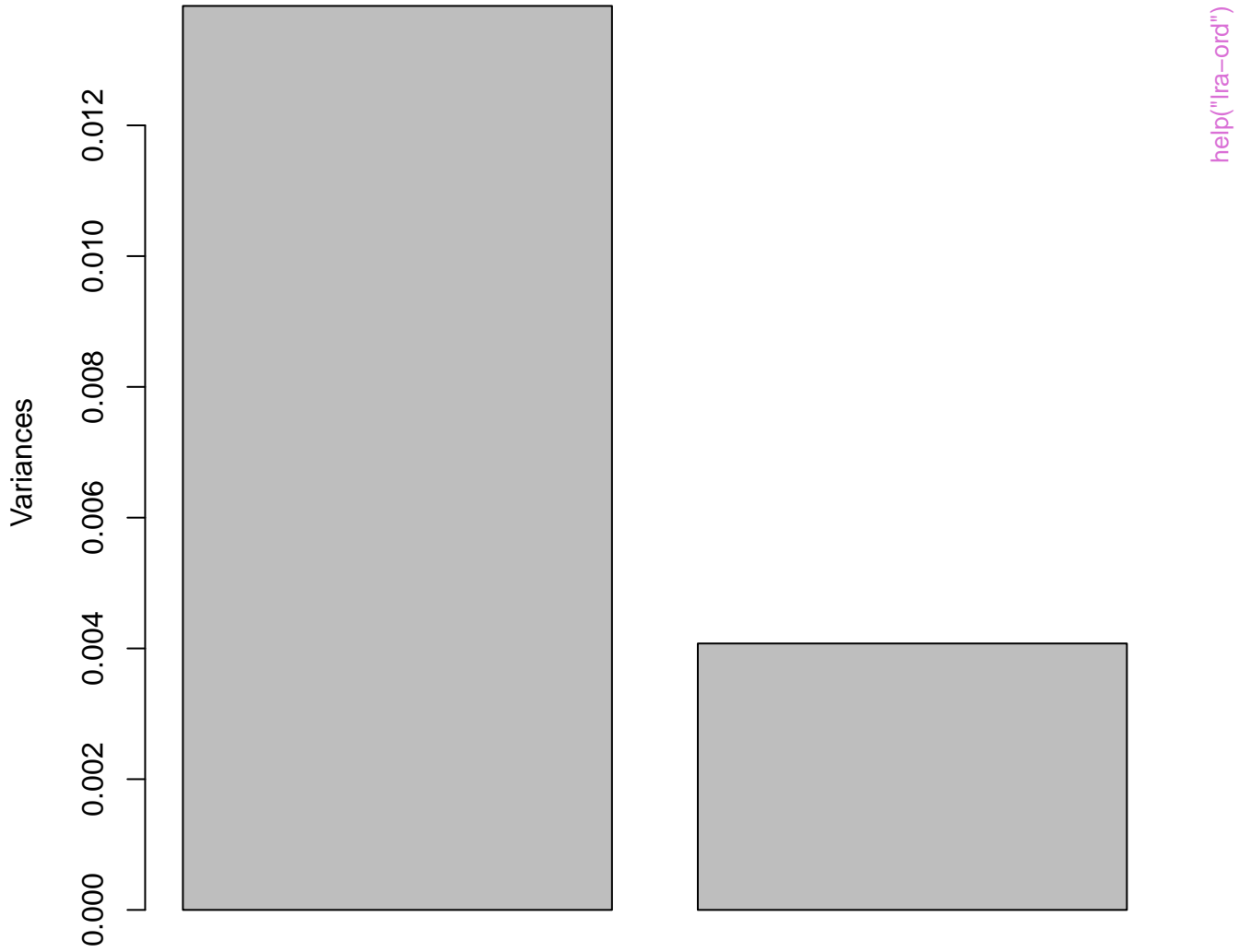
Standardized coefficient biplot of iris LDA

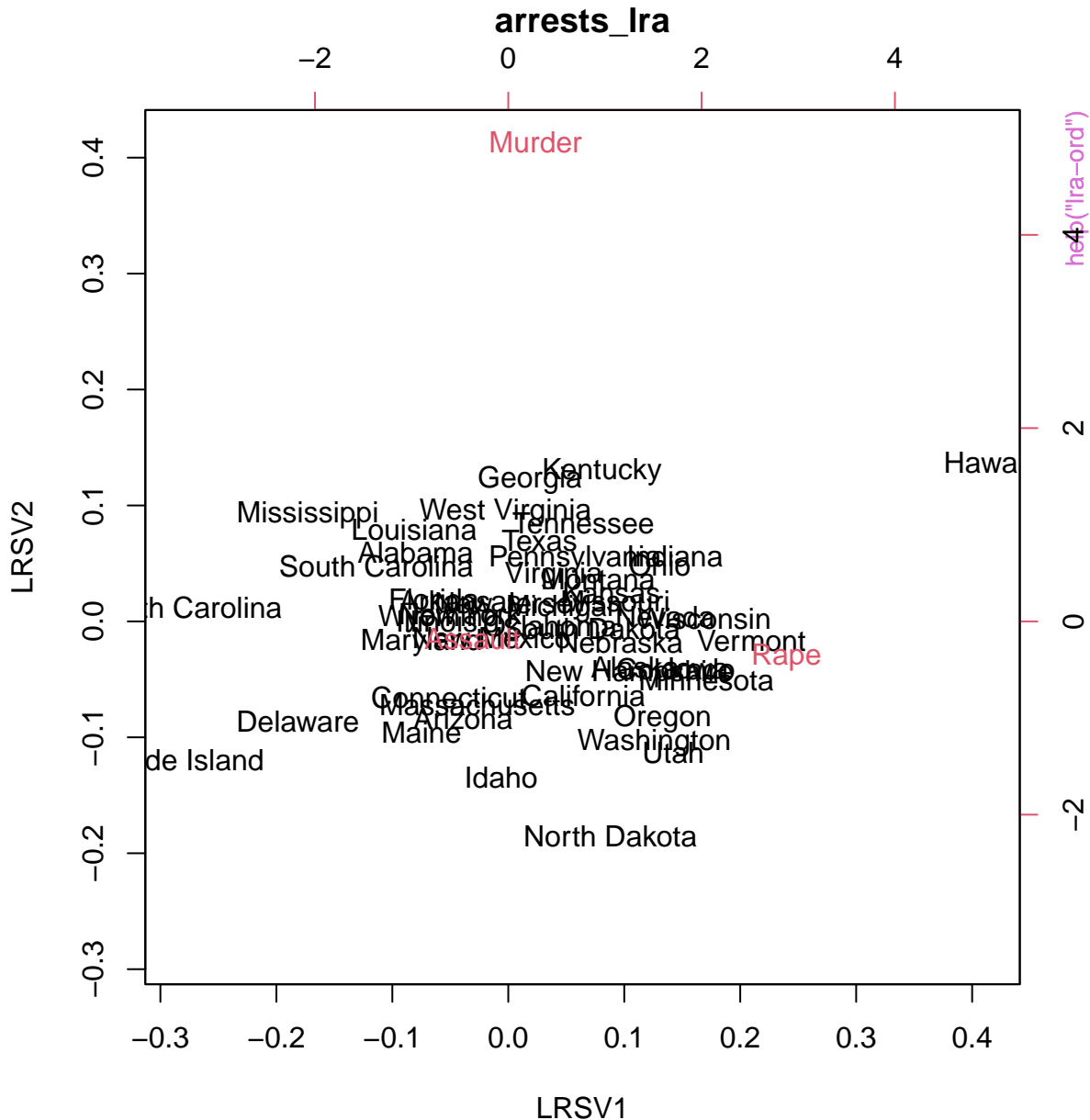


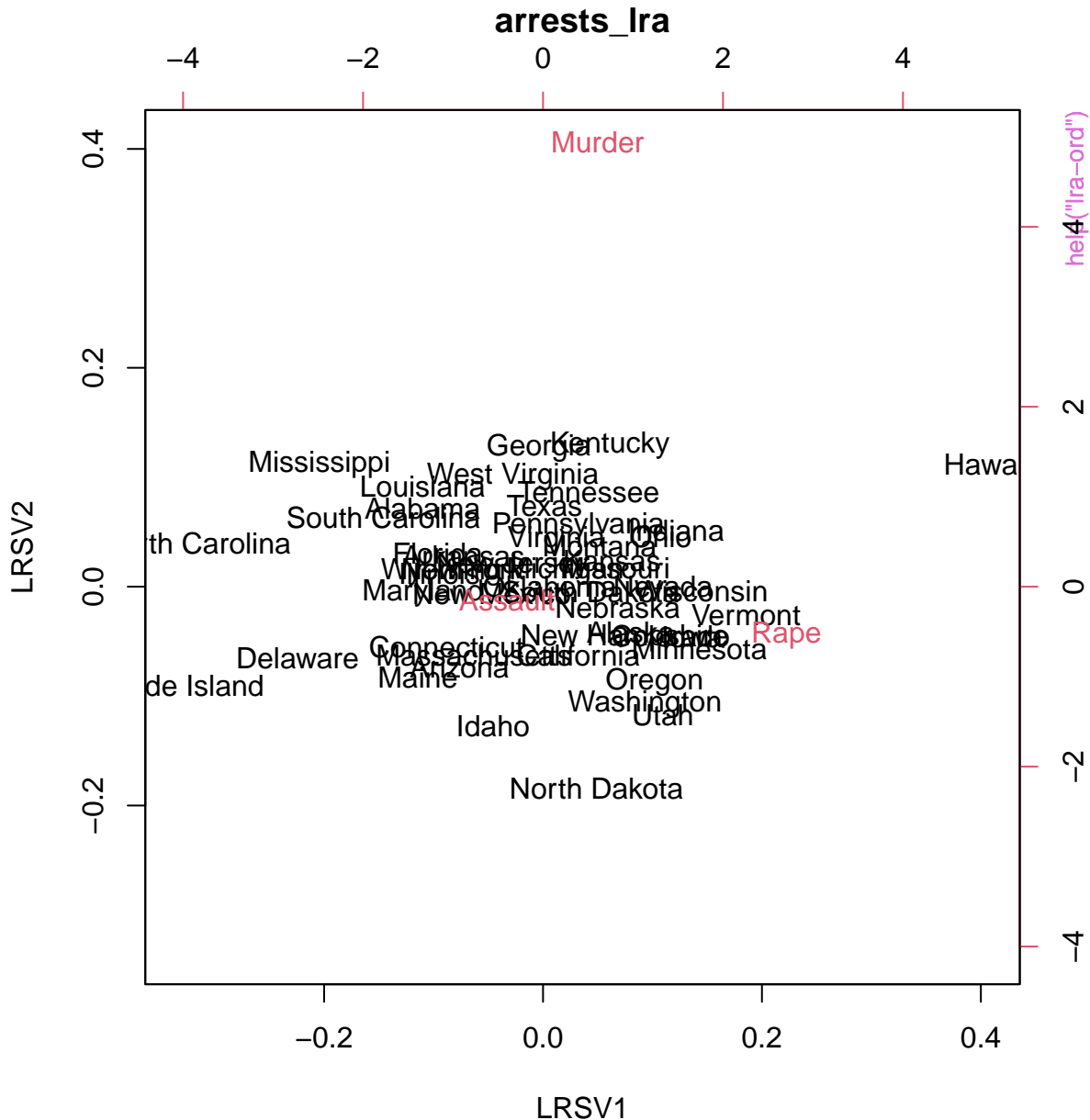
Contribution biplot of iris LDA

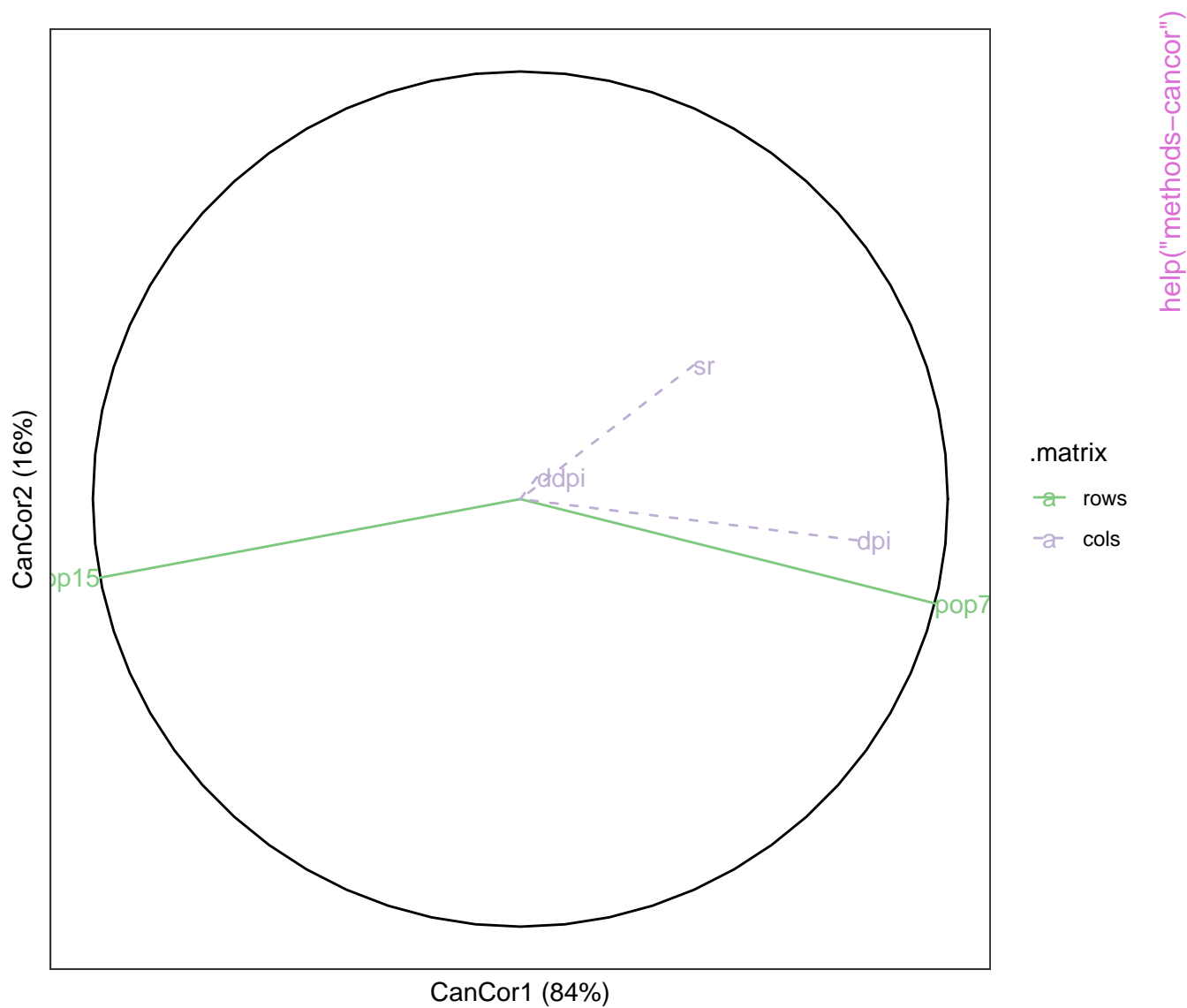


arrests_lra





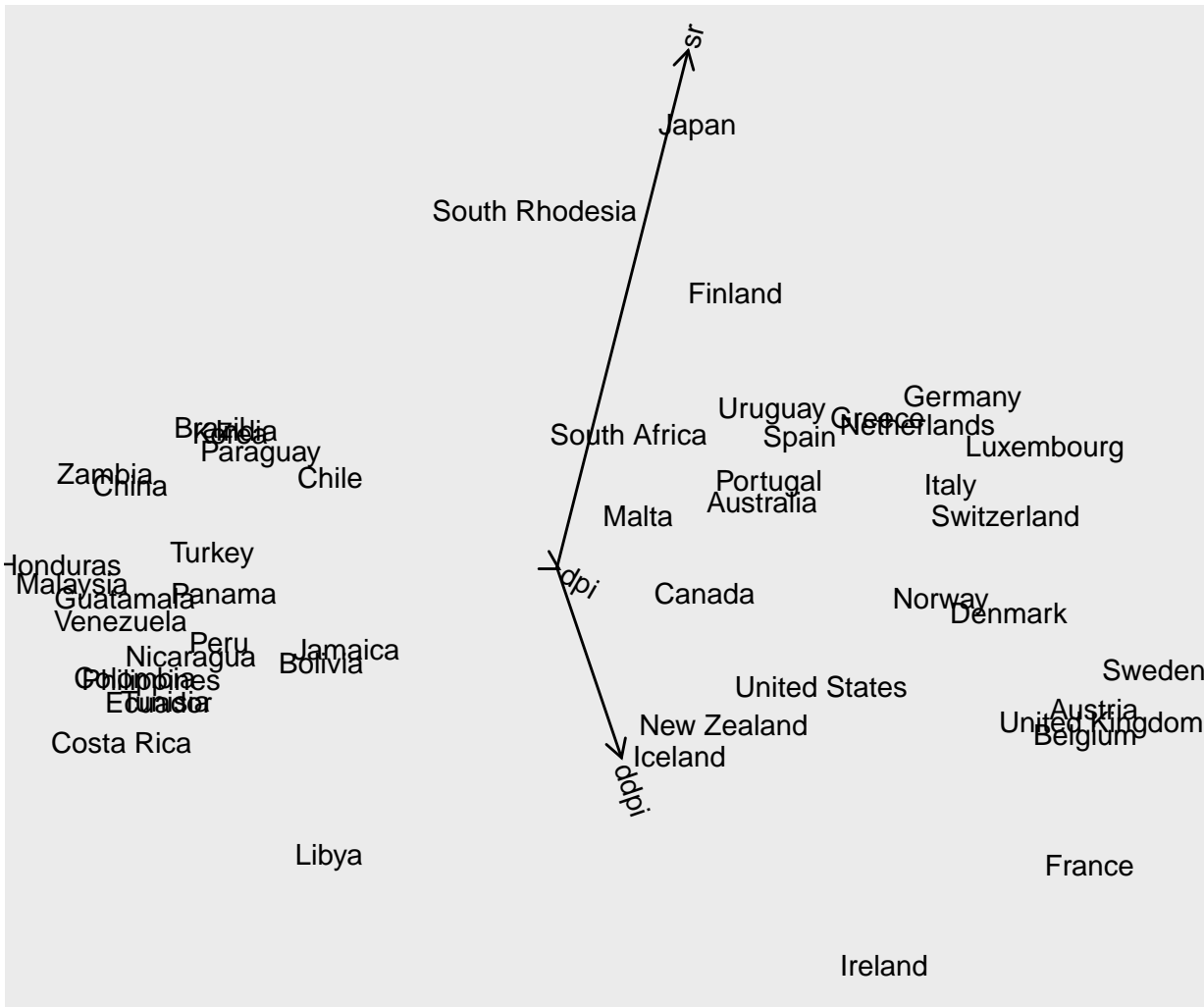




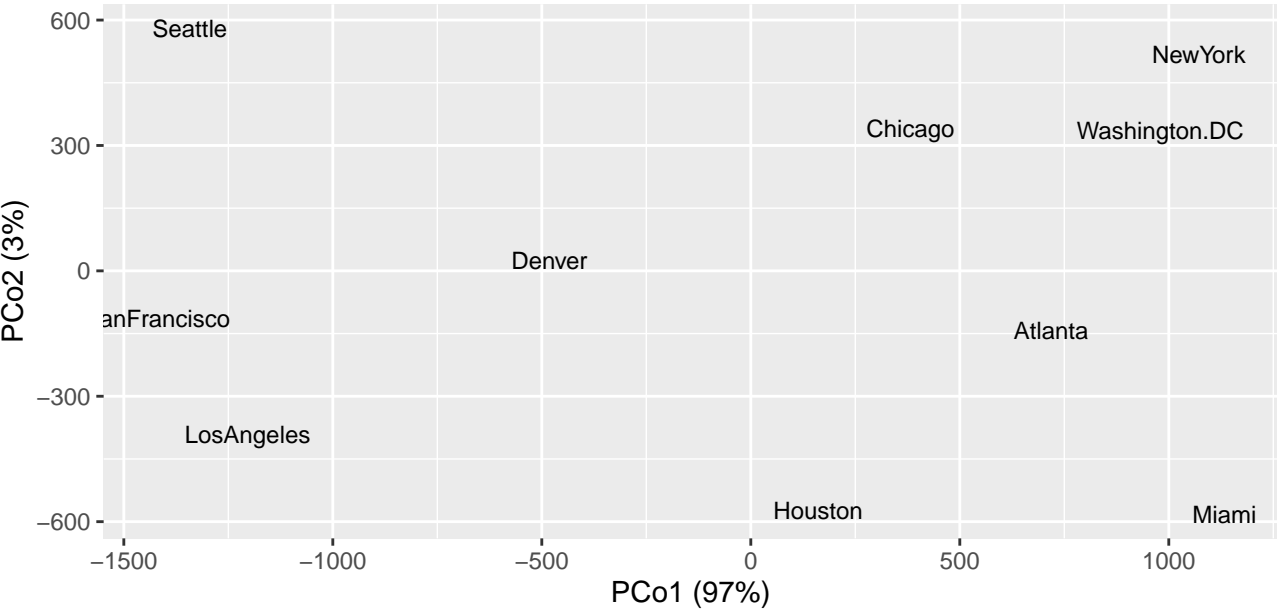
CanCor2 (16%)

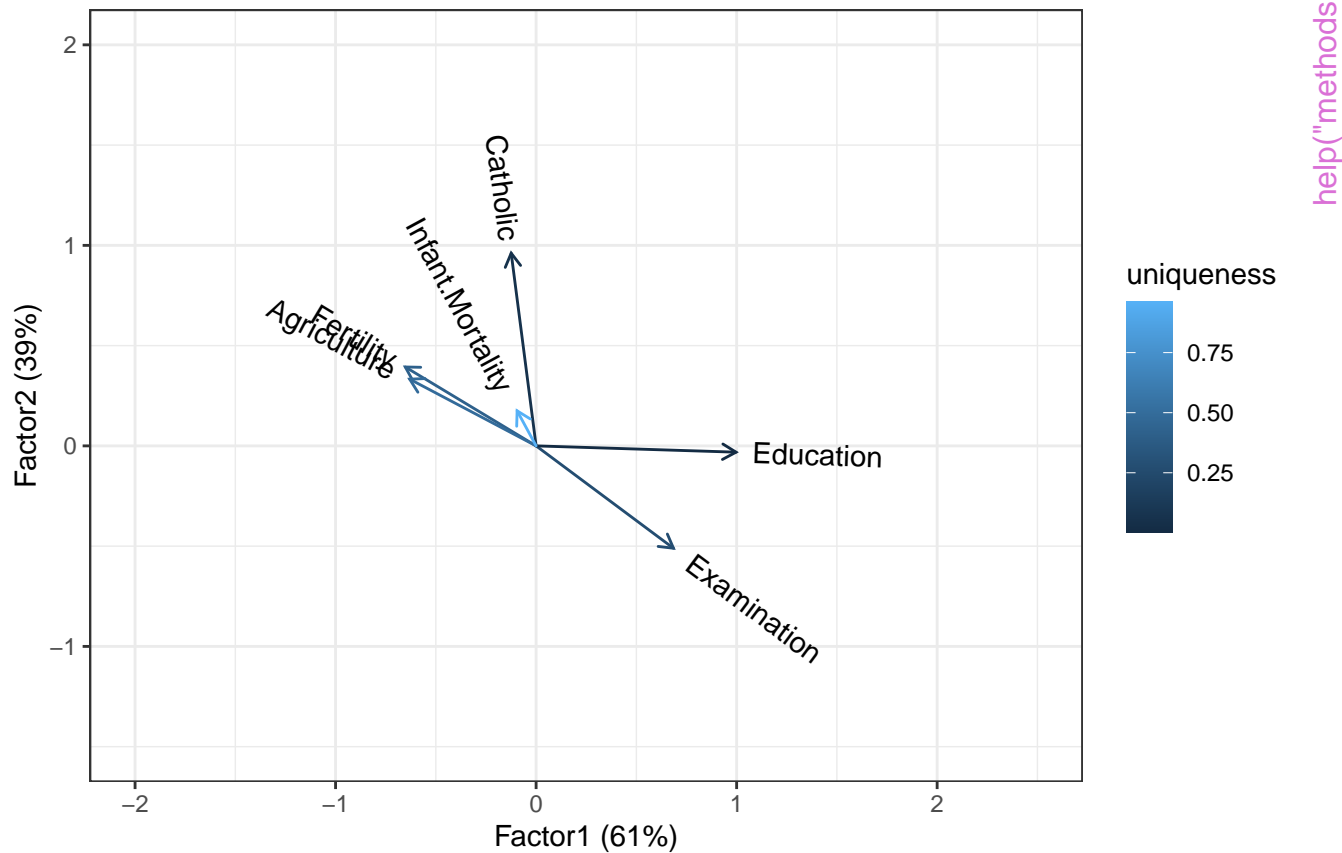
CanCor1 (84%)

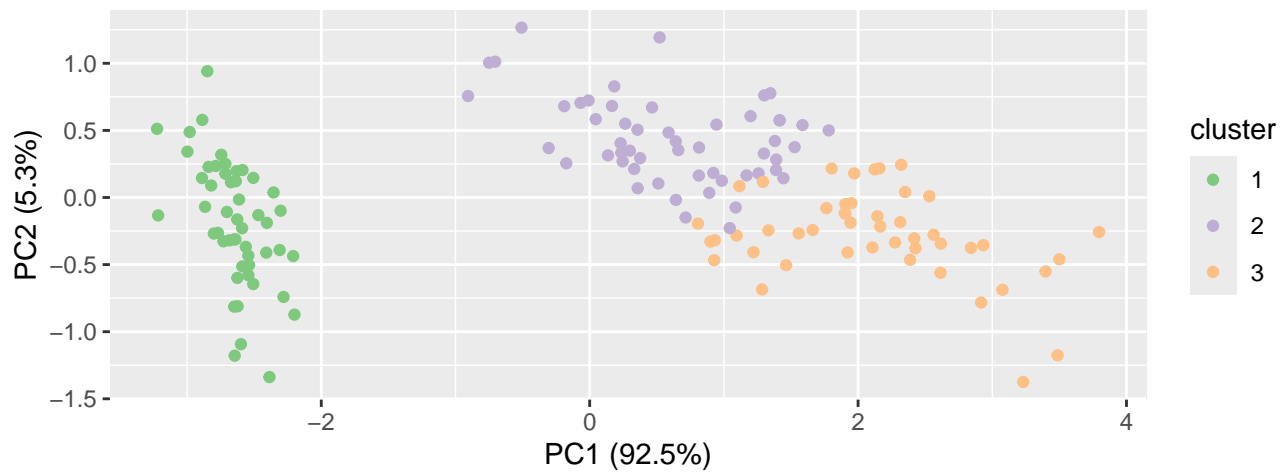
help("methods-cancor")



MDS biplot of distances between U.S. cities



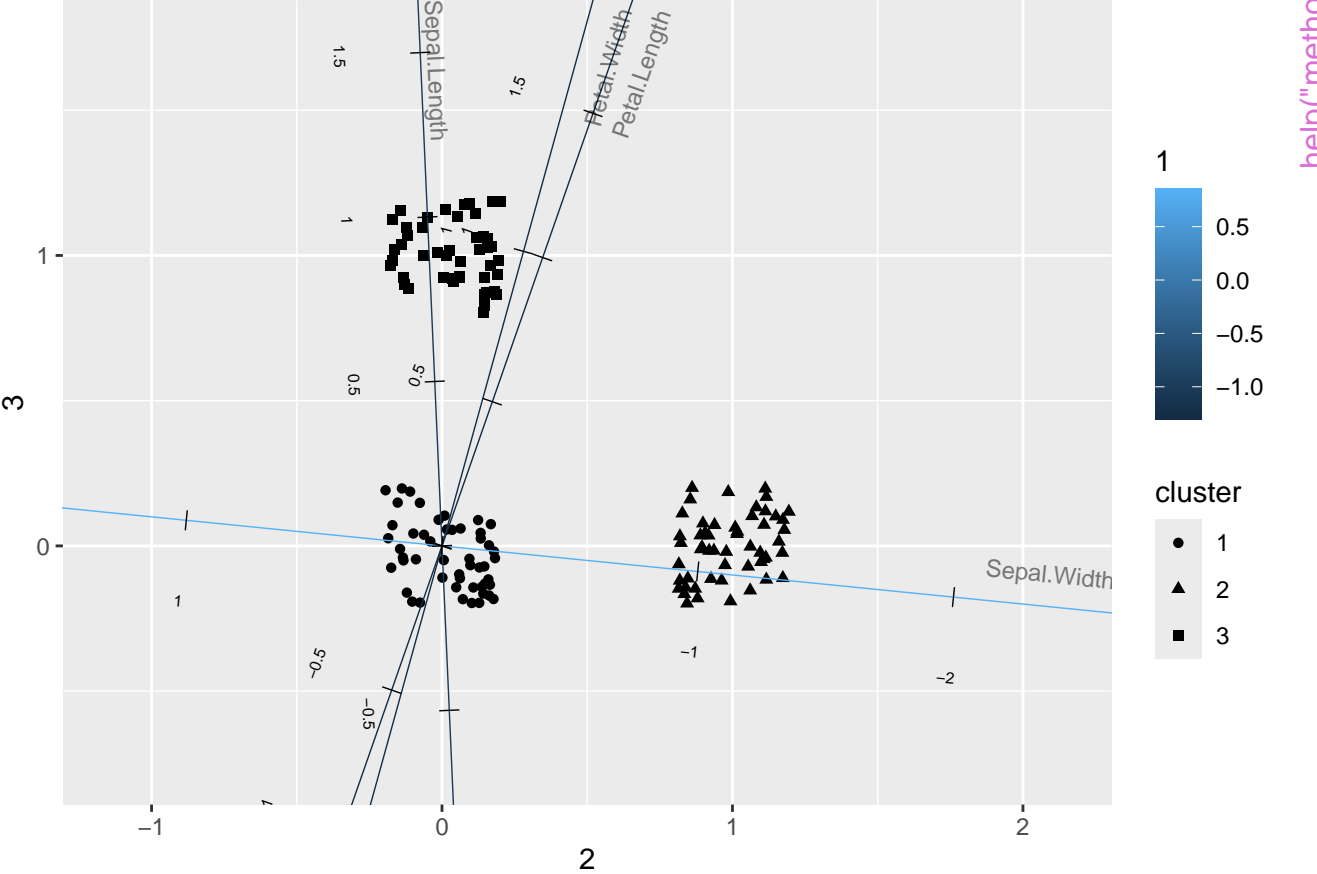




help("methods-kmeans")

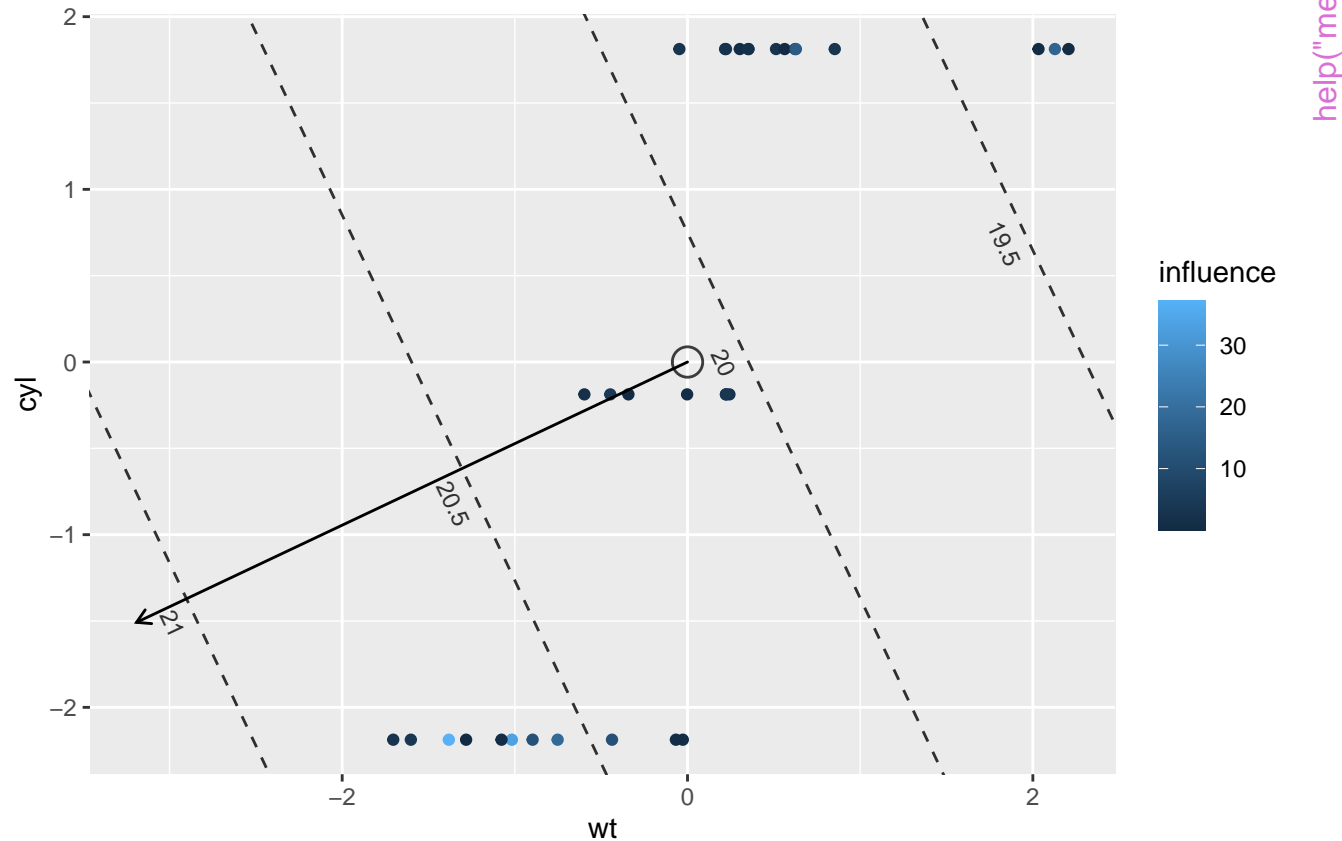
Measurement loadings onto clusters 2 and 3

Color indicates loadings onto cluster 1

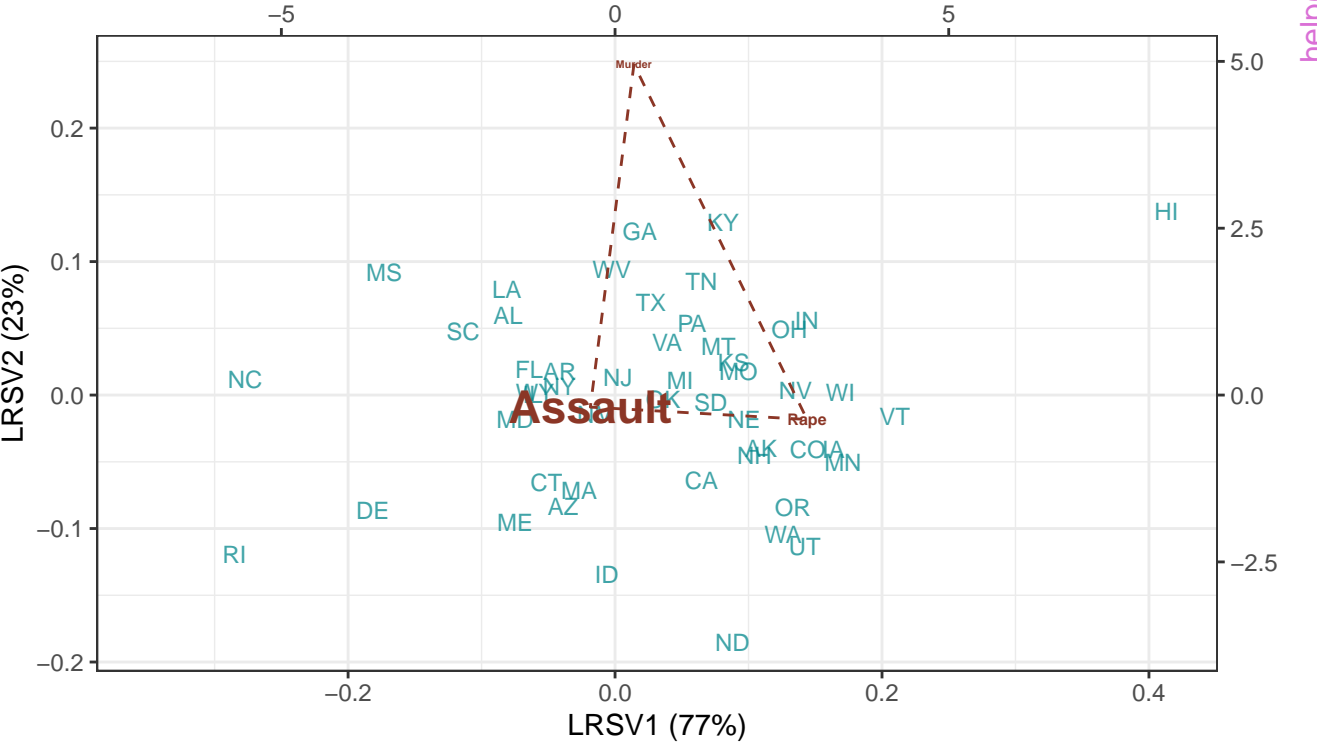


Weight isolines with data colored by importance

Regressing gas mileage onto weight and number of cylinders



Non-compositional LRA of violent crime arrest rates
United States, 1973



help("methods-lra")

Dim2 (41%)

Dim1 (59%)

Admitted

Rejected

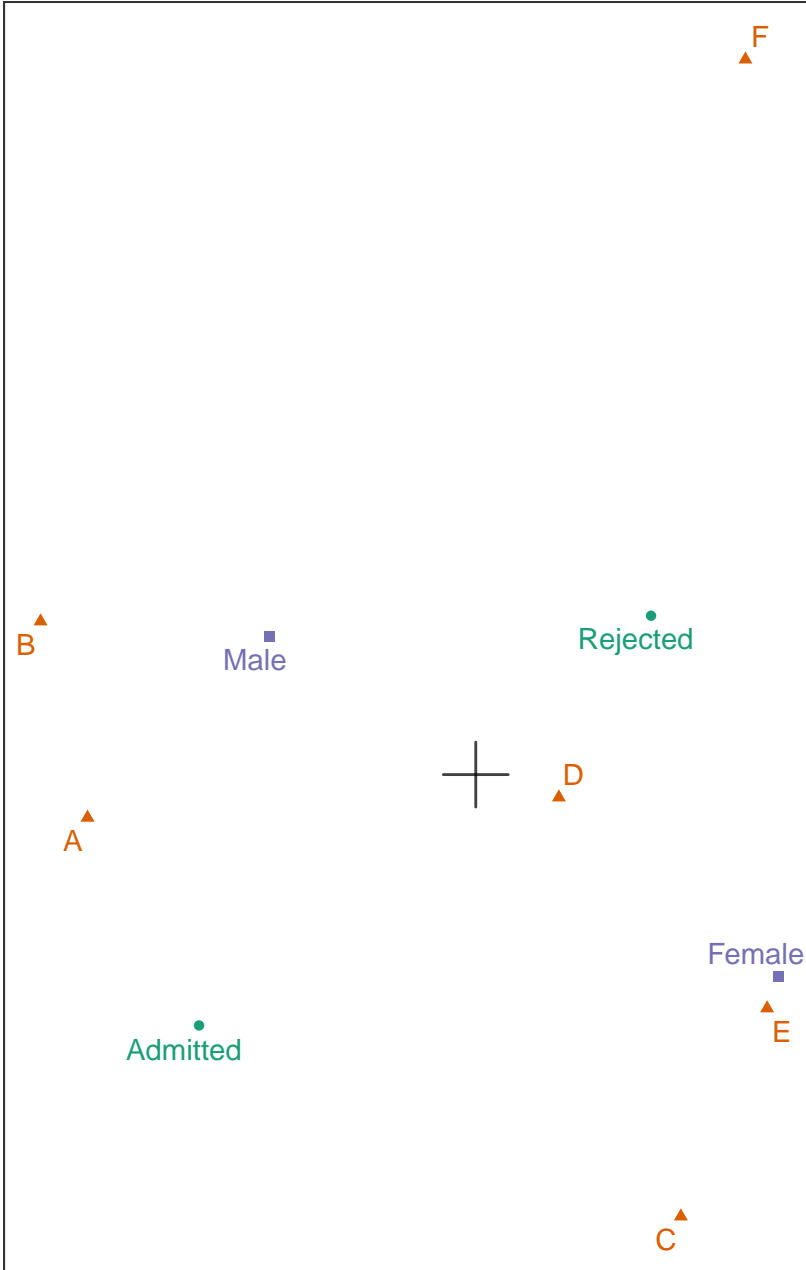
Male

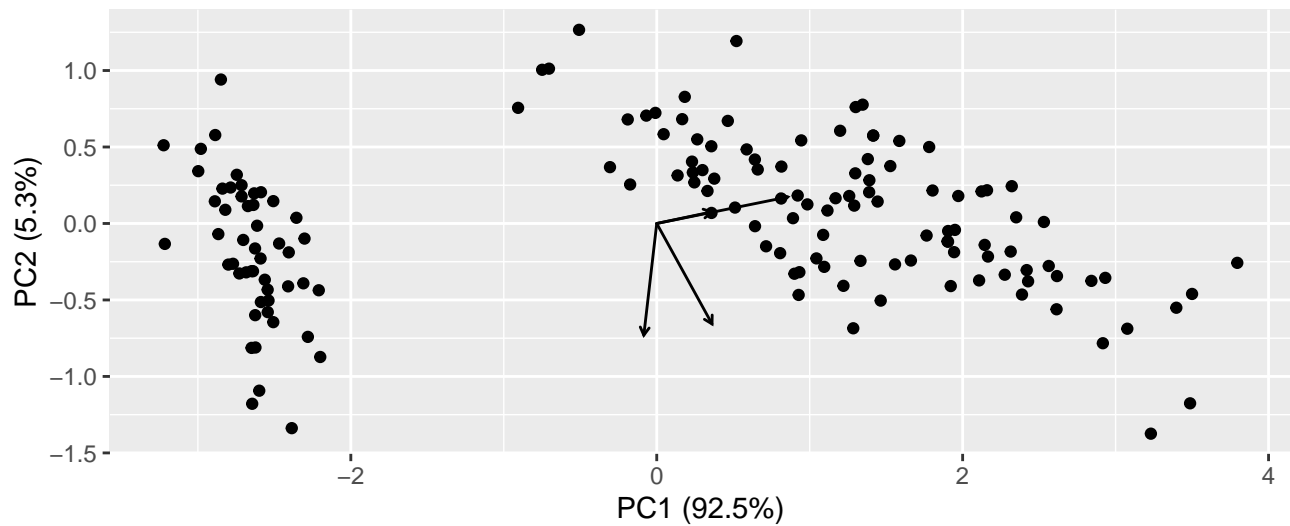
Female

Factor level

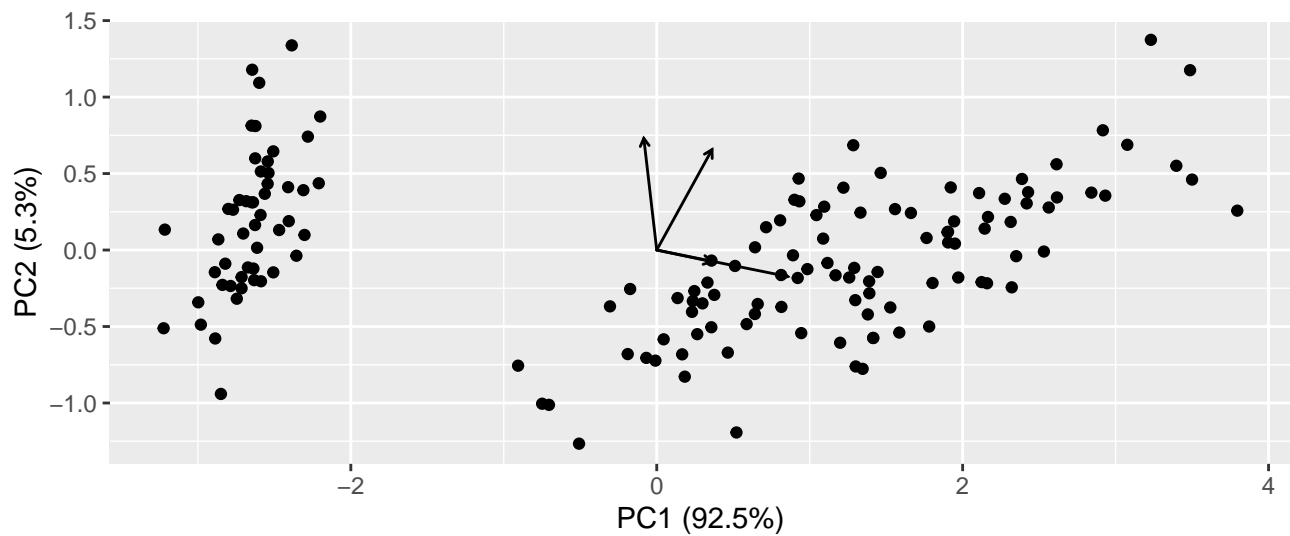
- Admit
- ▲ Dept
- Gender

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

Petal.Length

Petal.Length

PC1

-0.2

-0.1

0.0

0.1

0.2

61

107

99

54

60

82

91

78

95

93

80

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96

72

98

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136

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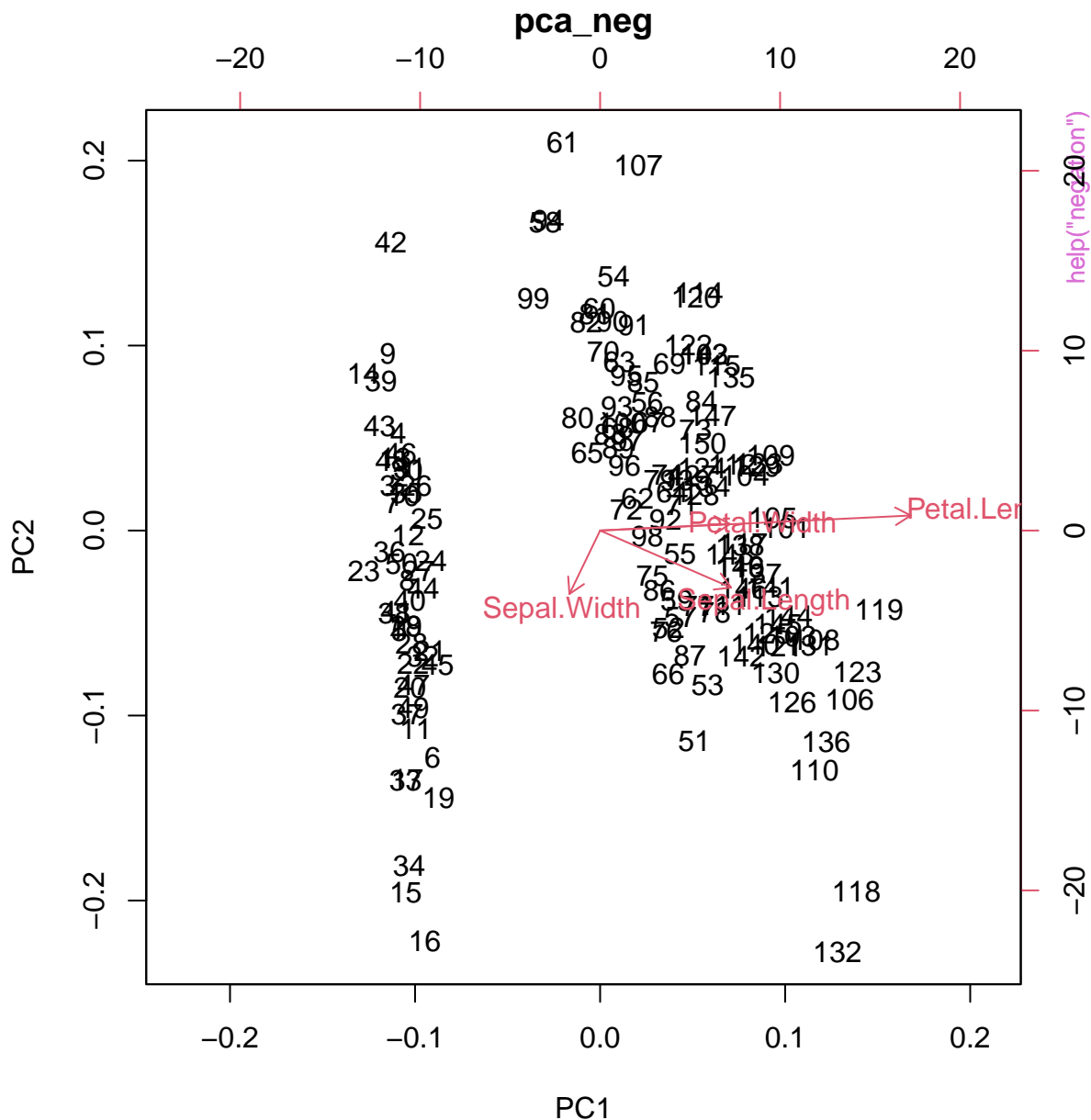
-130

-131

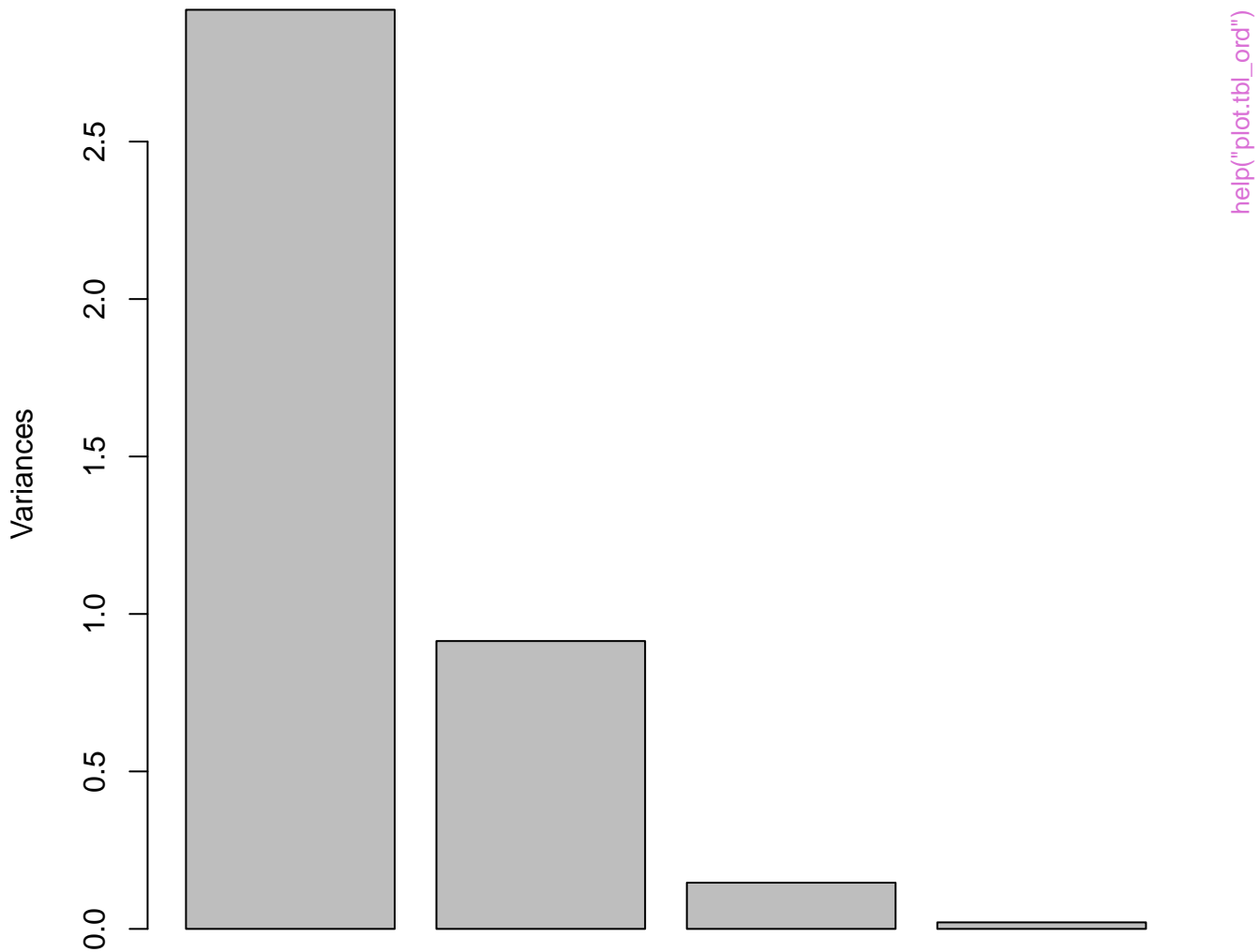
-132

-133

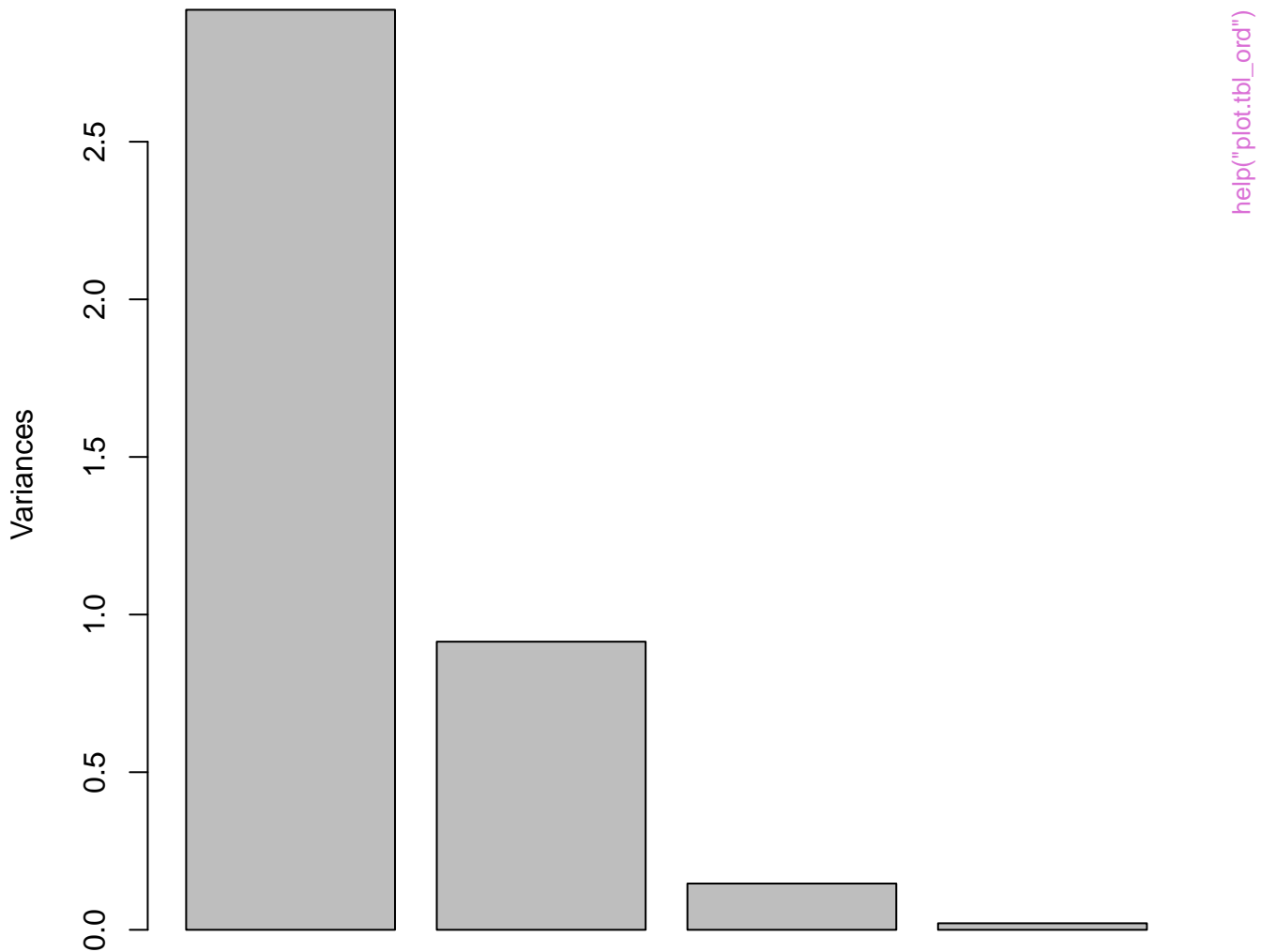
-134



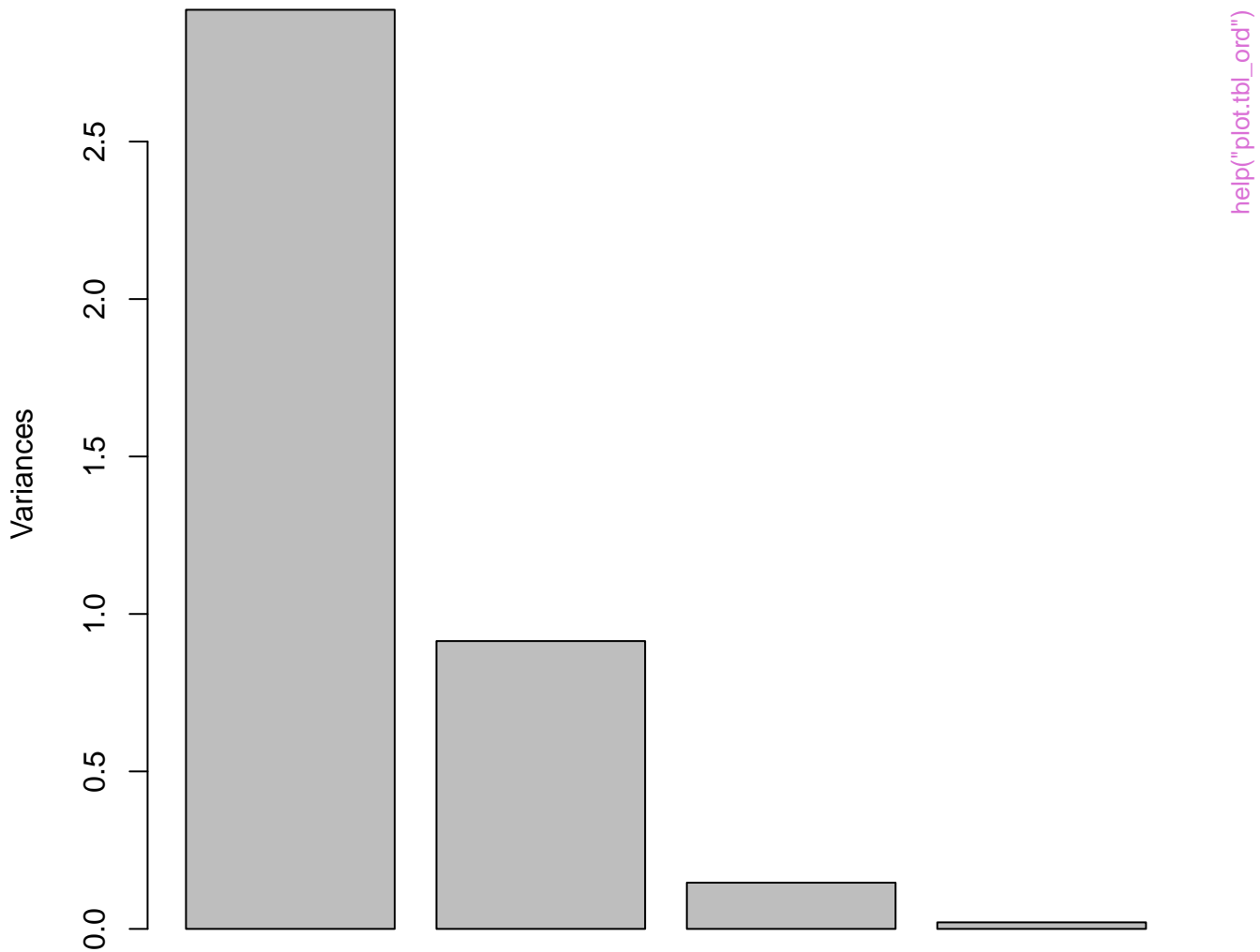
iris_pca



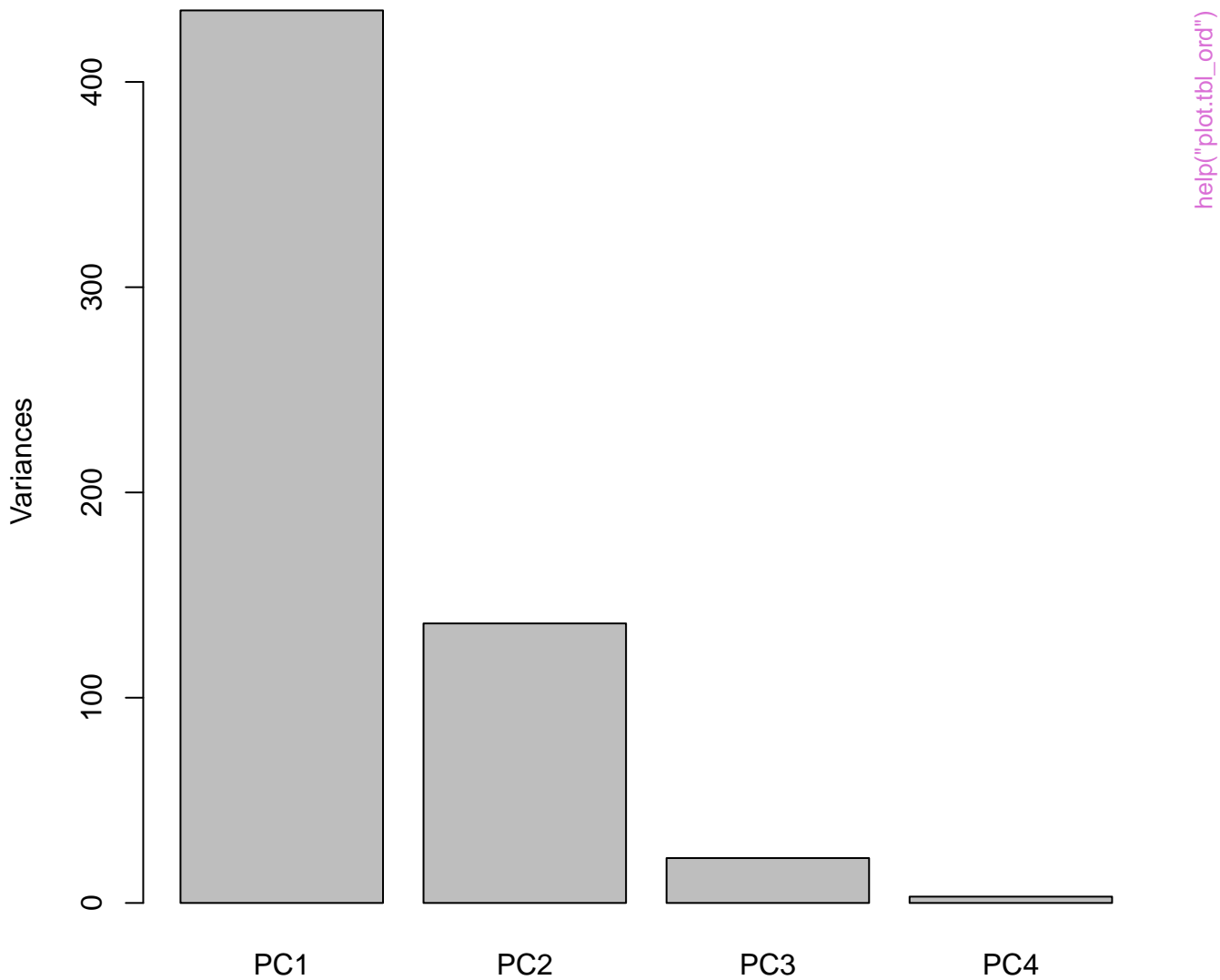
iris_pca_ord

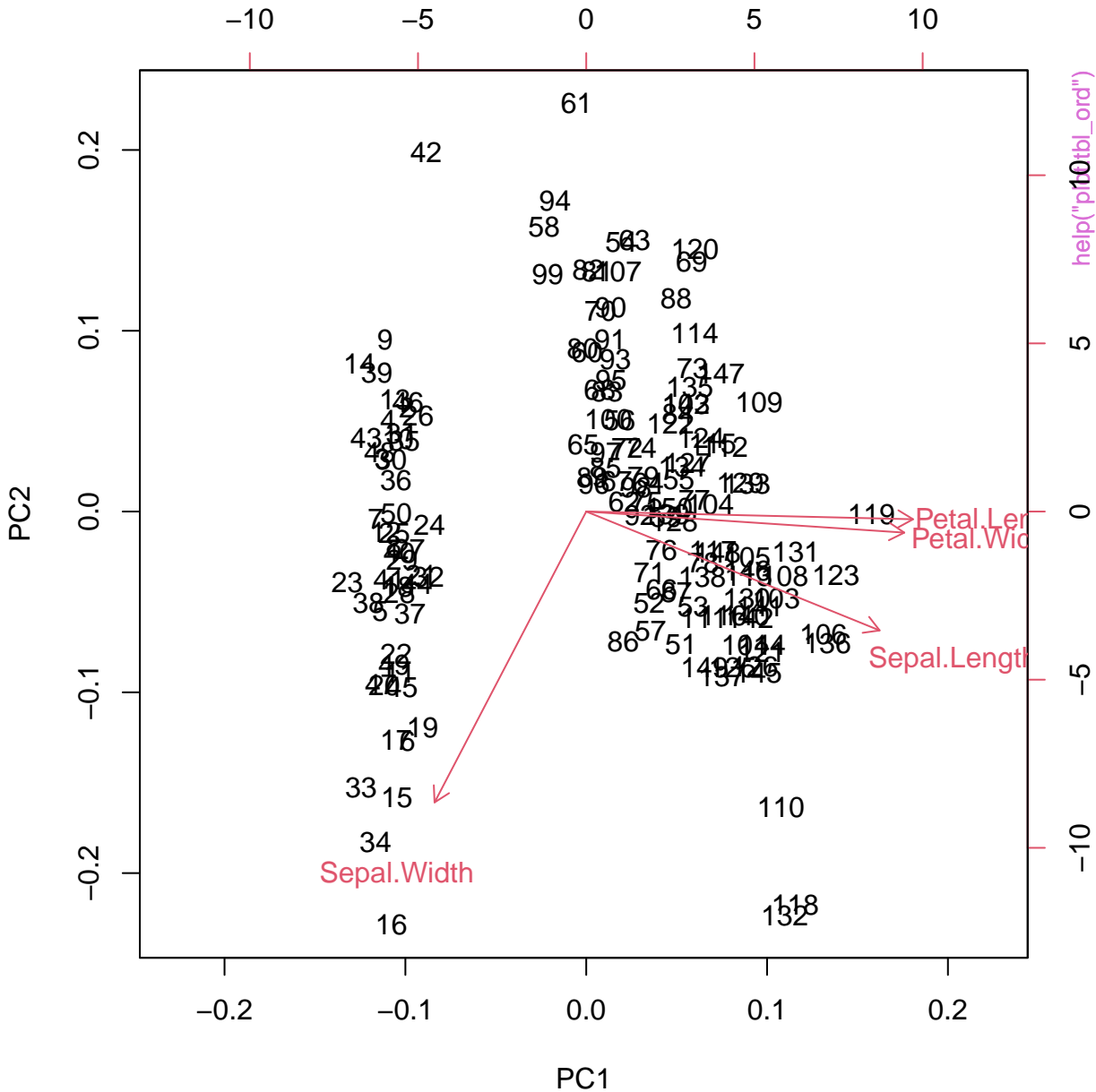


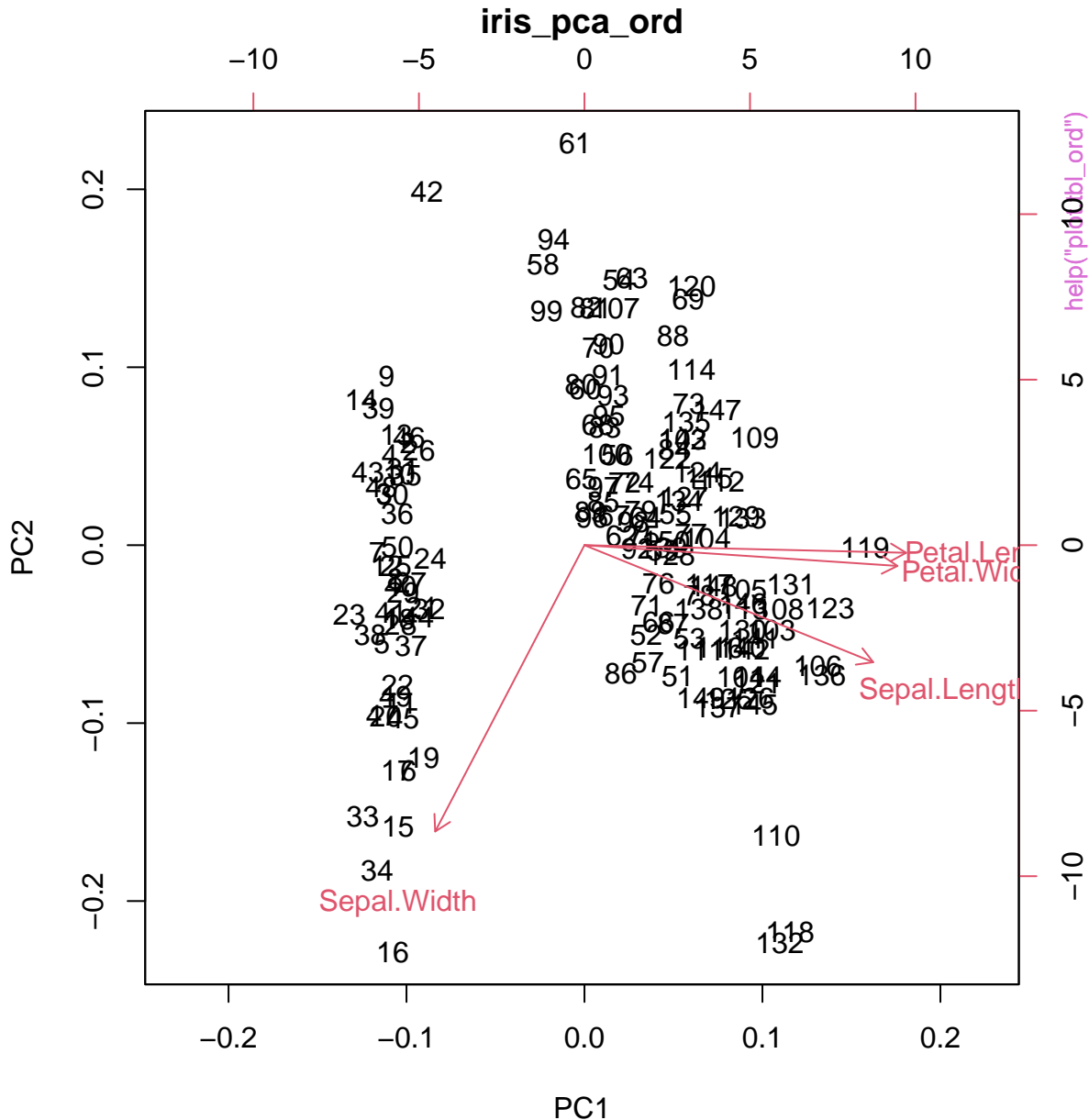
iris_pca

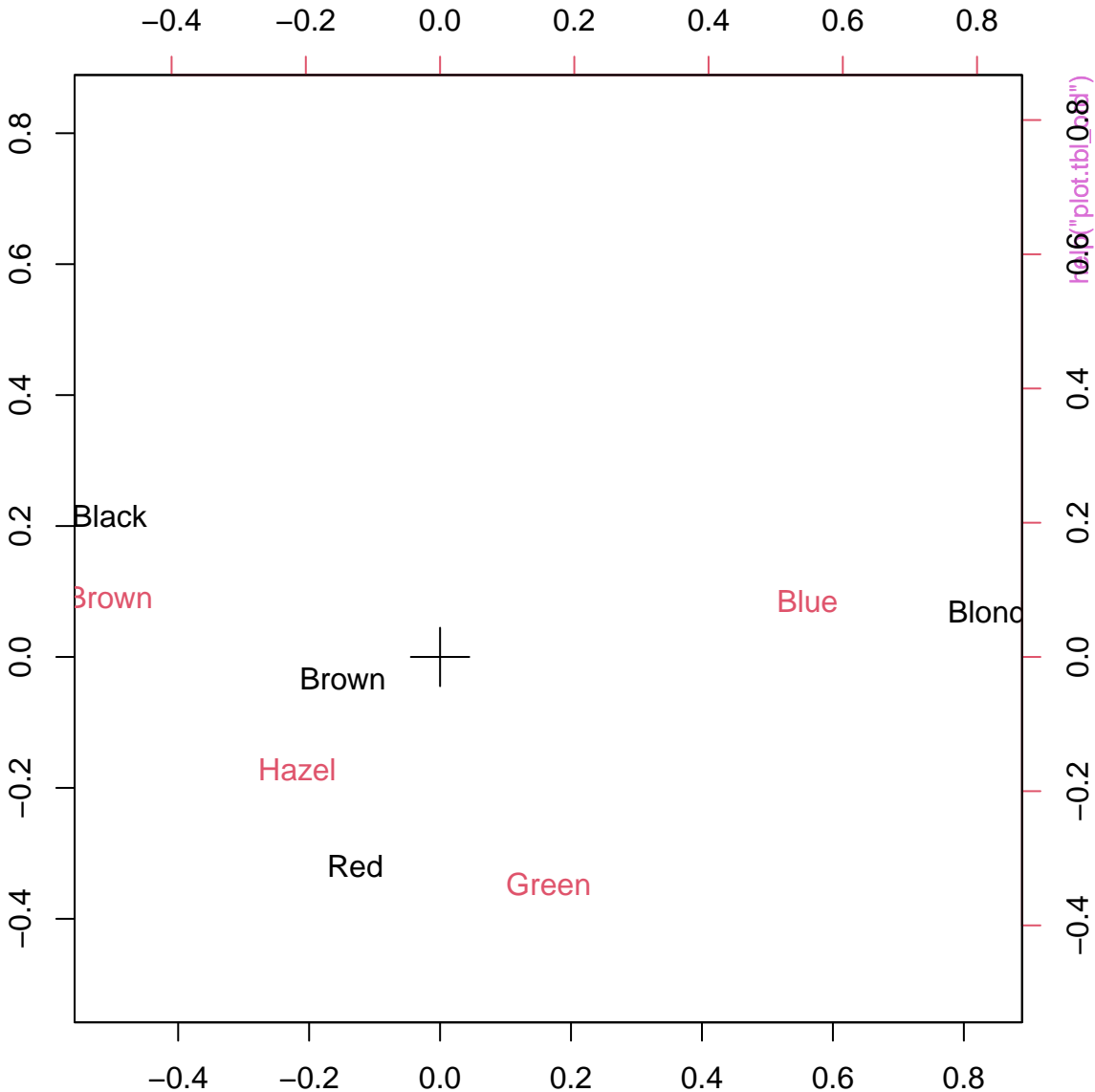


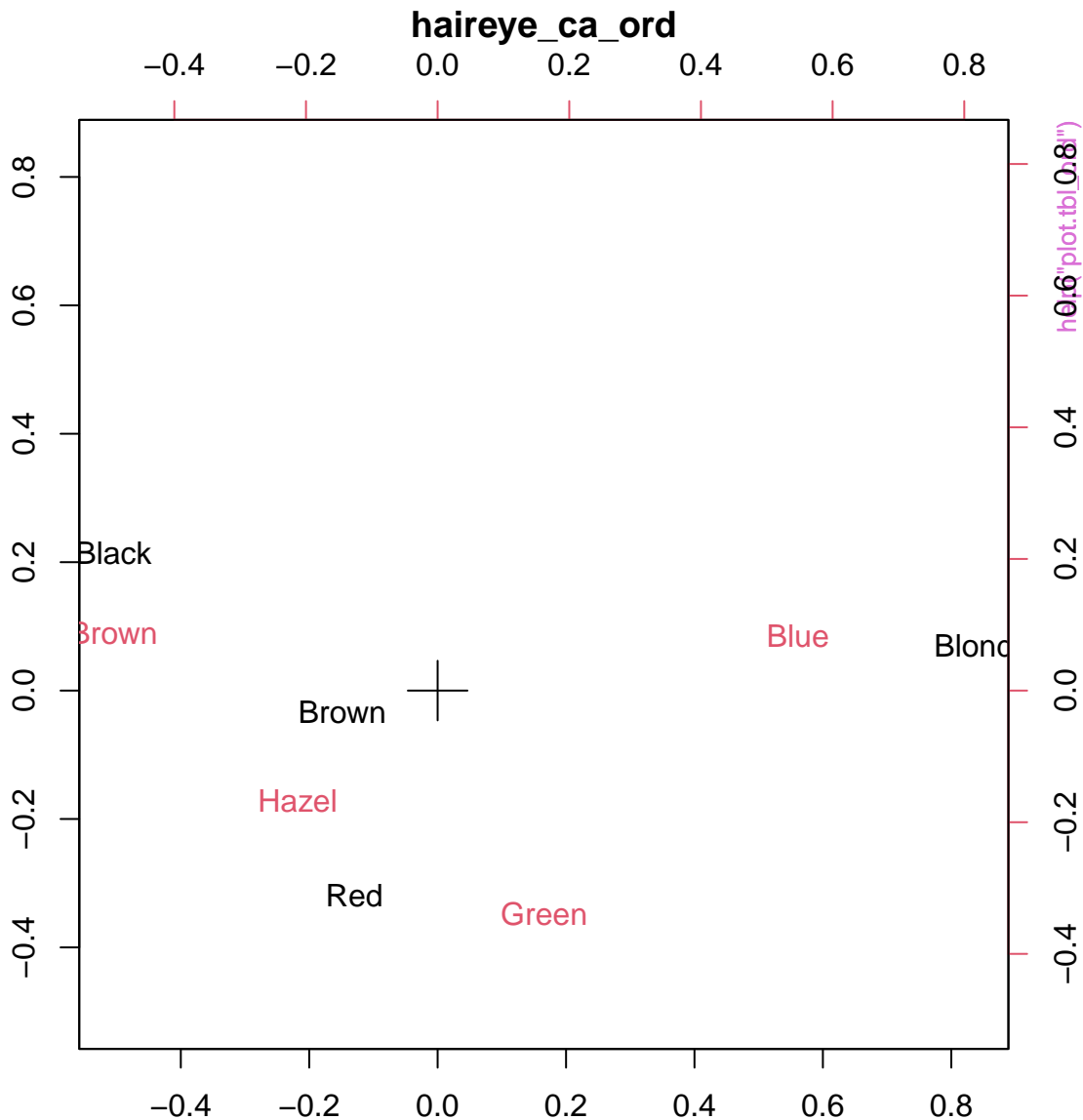
iris_pca_ord



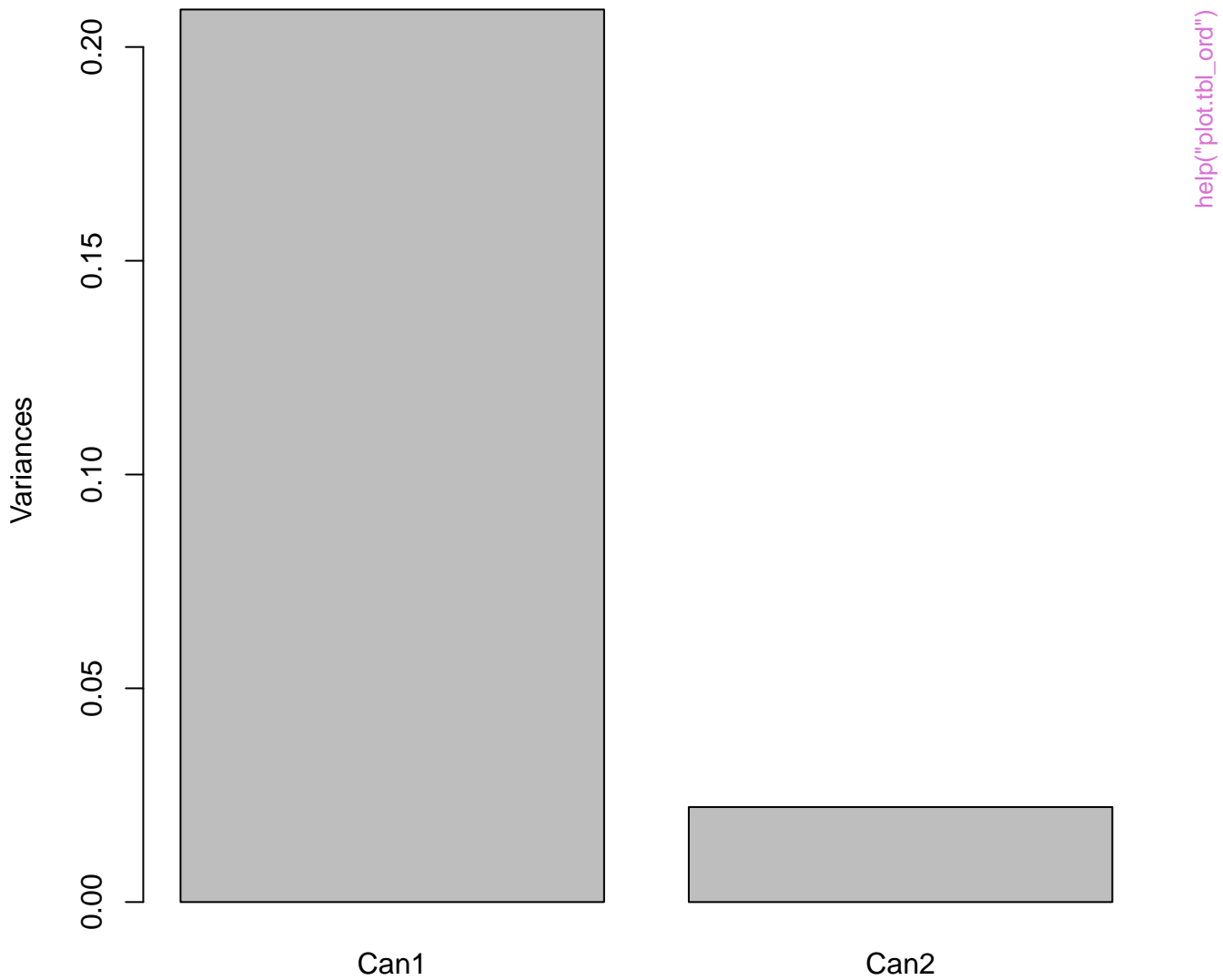


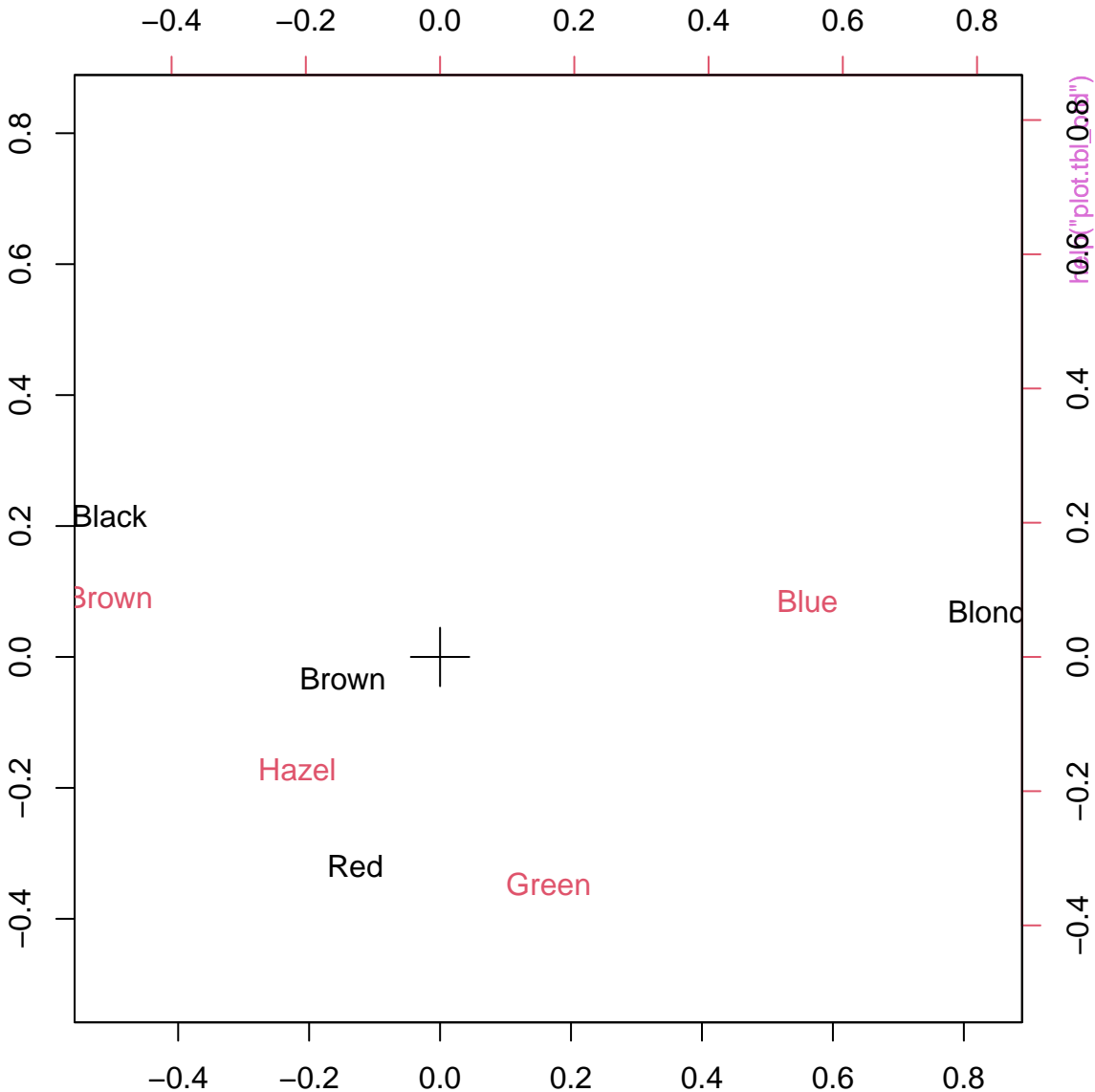


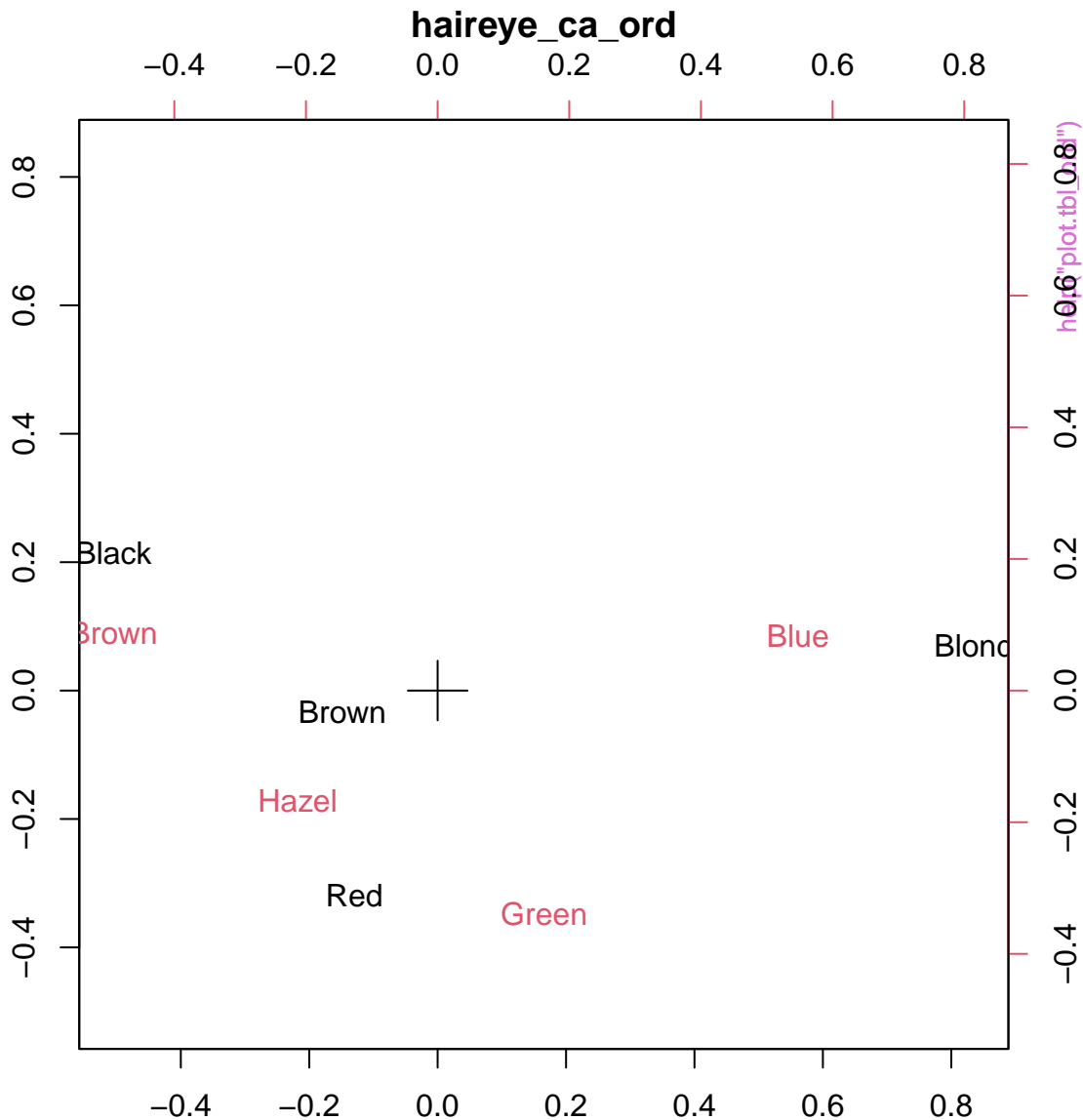


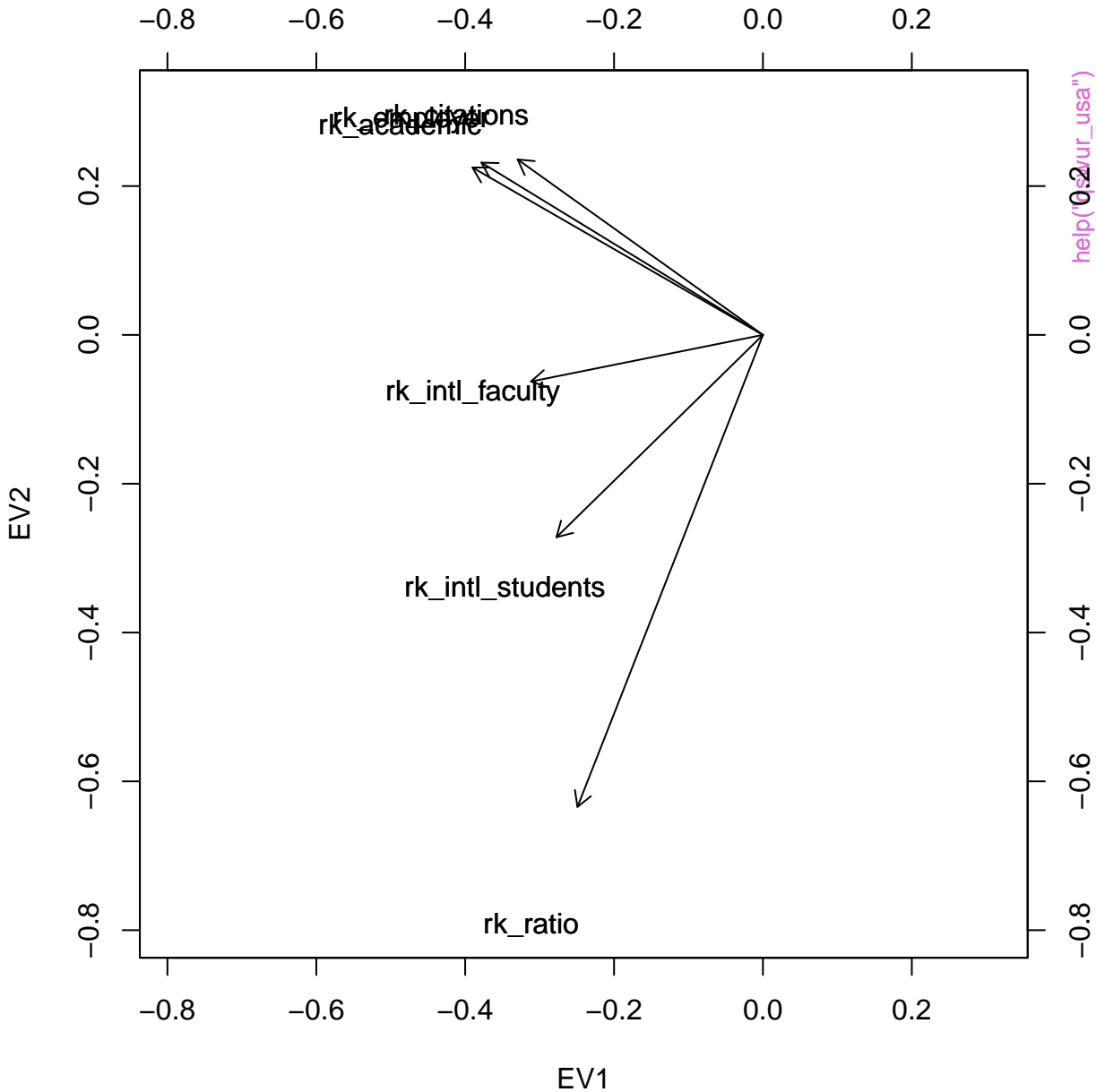


haireye_ca_ord



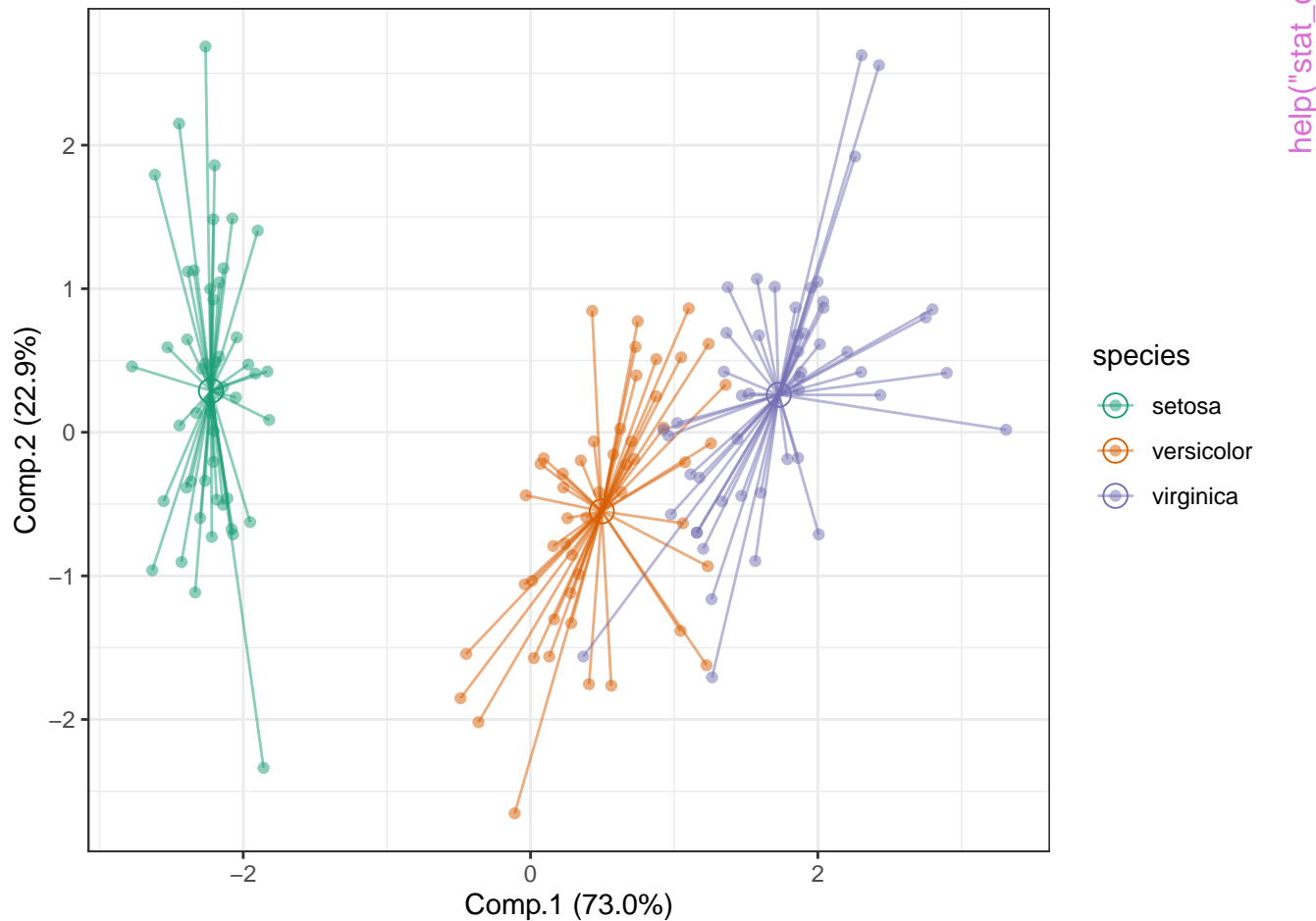




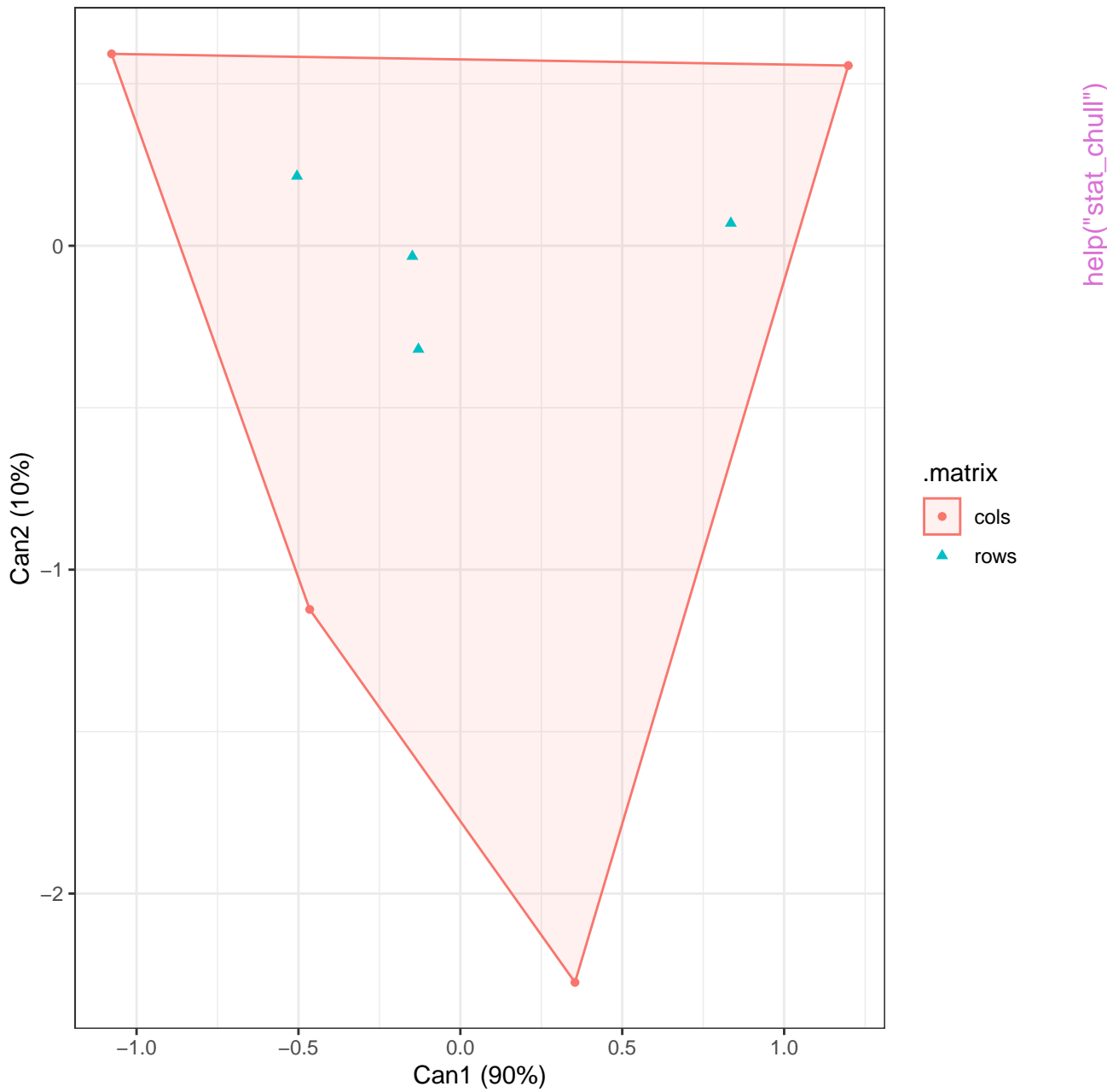


Row-principal PCA biplot of Anderson iris measurements

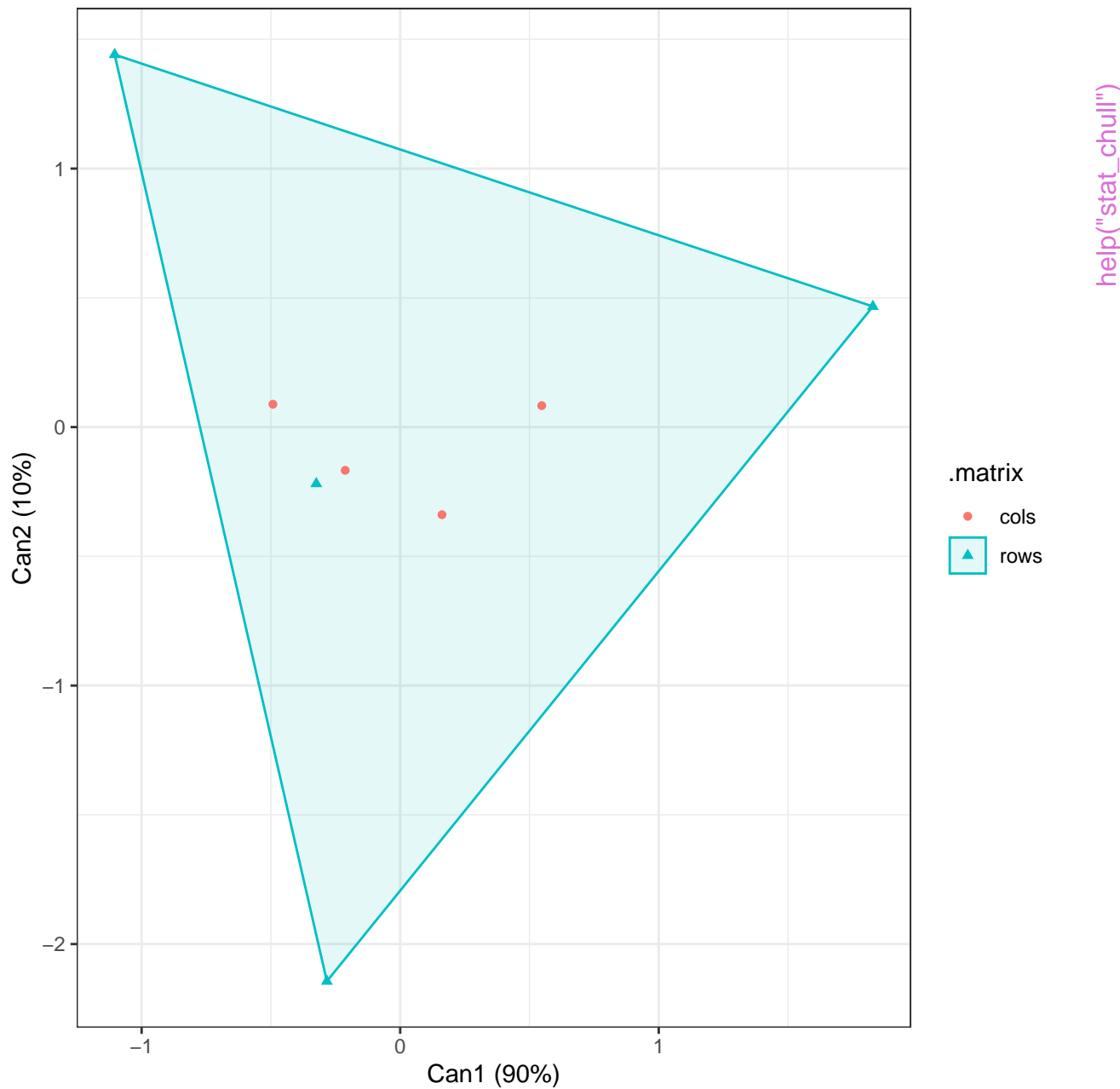
Segments connect each observation to its within-species centroid



Row-principal CA of hair & eye color

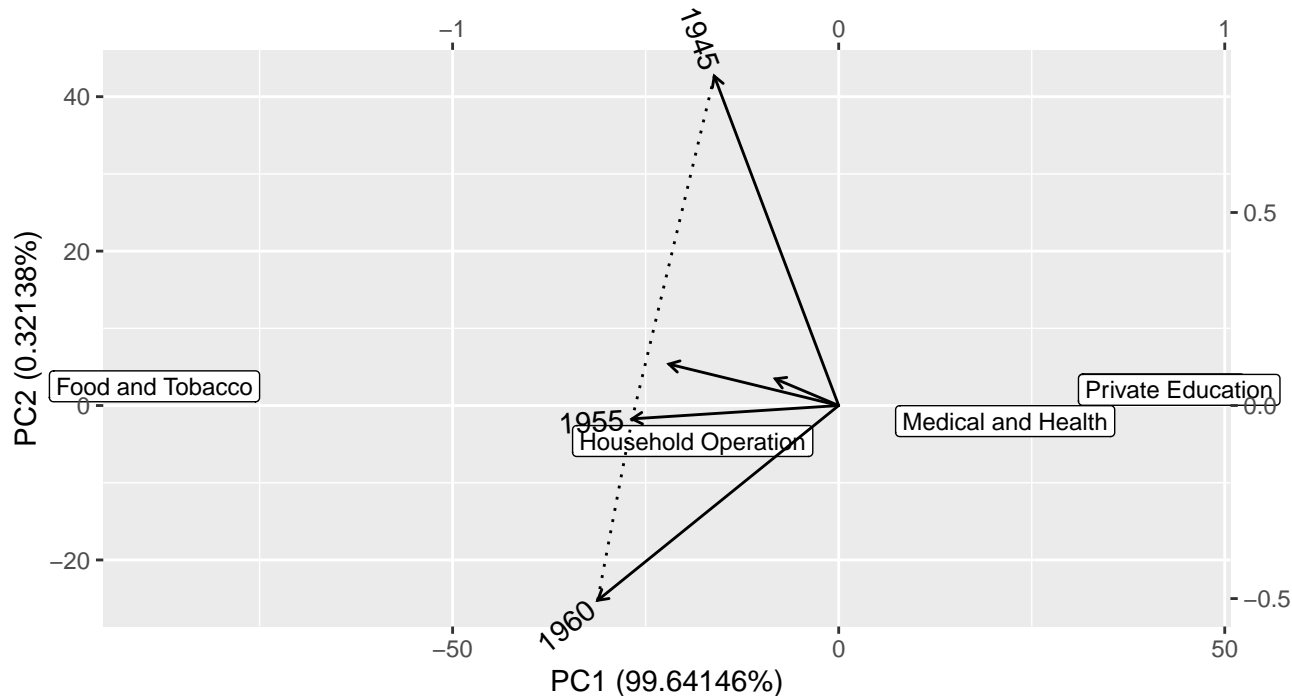


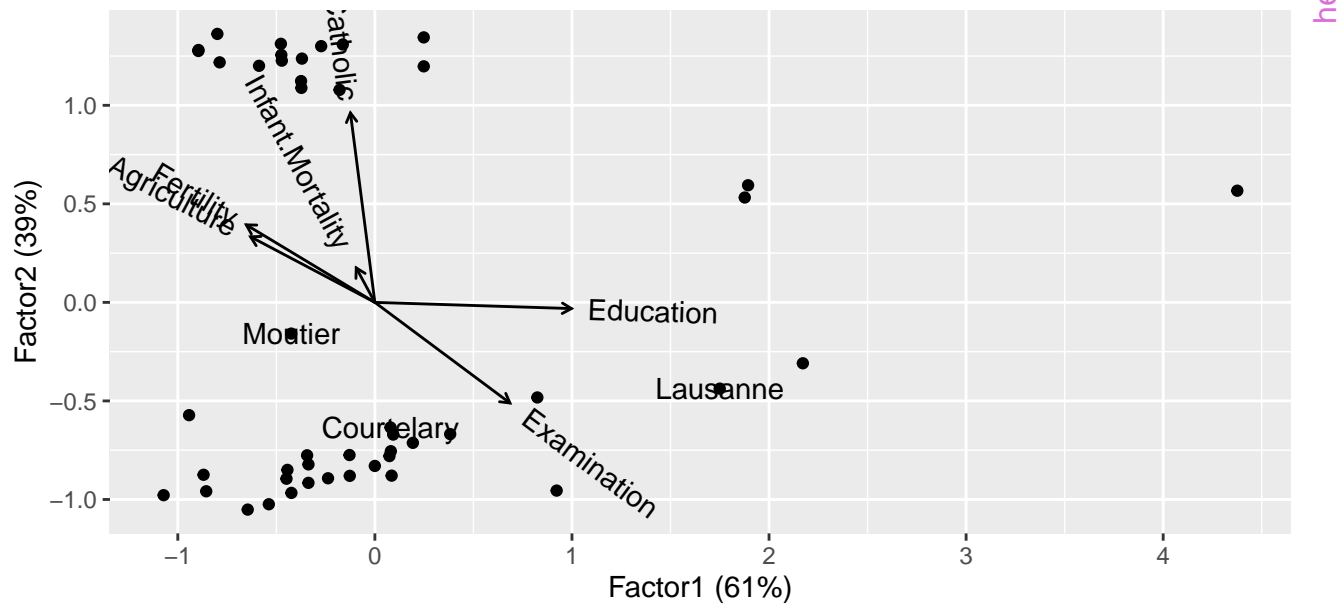
Column-principal CA of hair & eye color



U.S. Personal Expenditure data, 1940–1960

Row-principal biplot of centered PCA





help("stat_rows")

