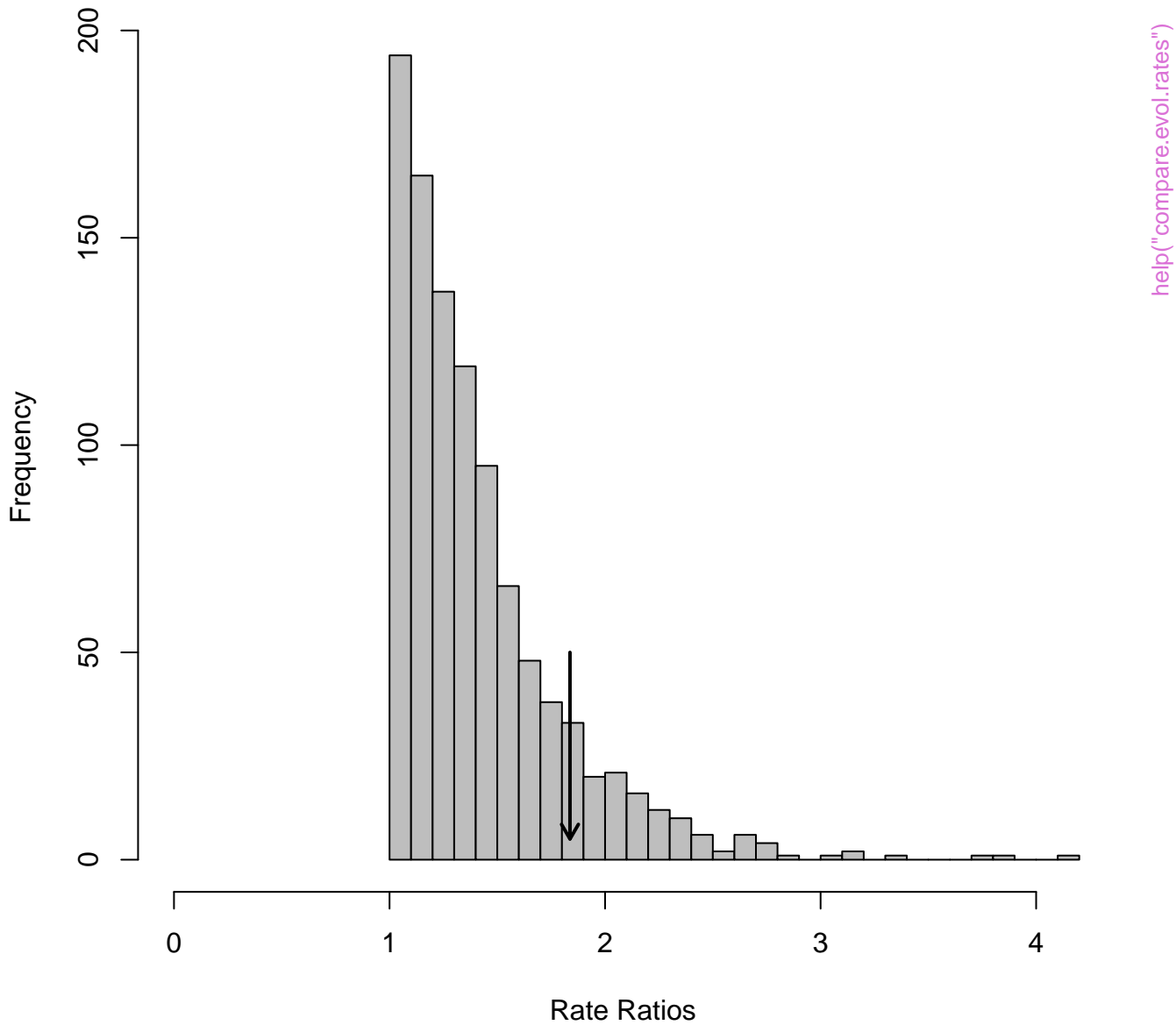
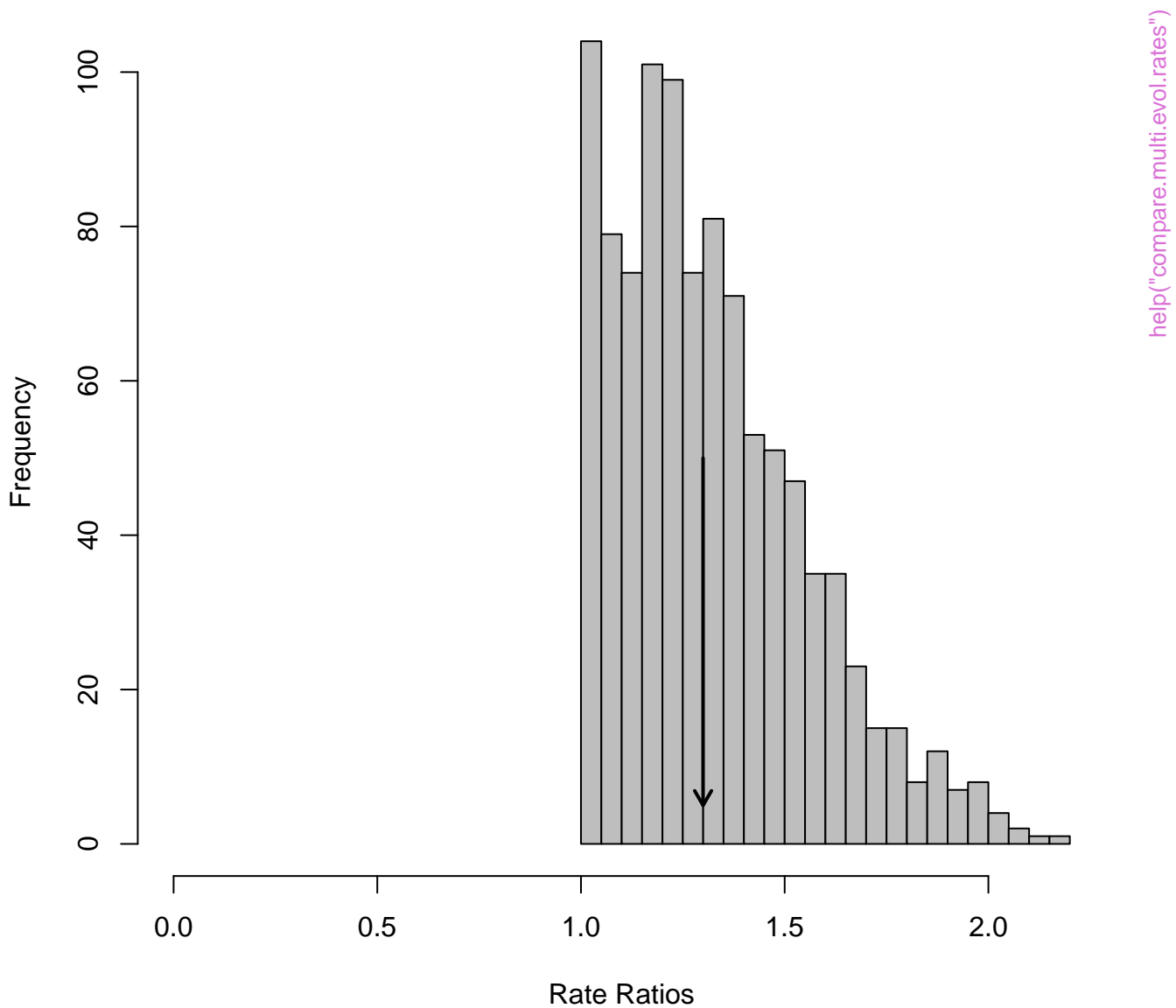
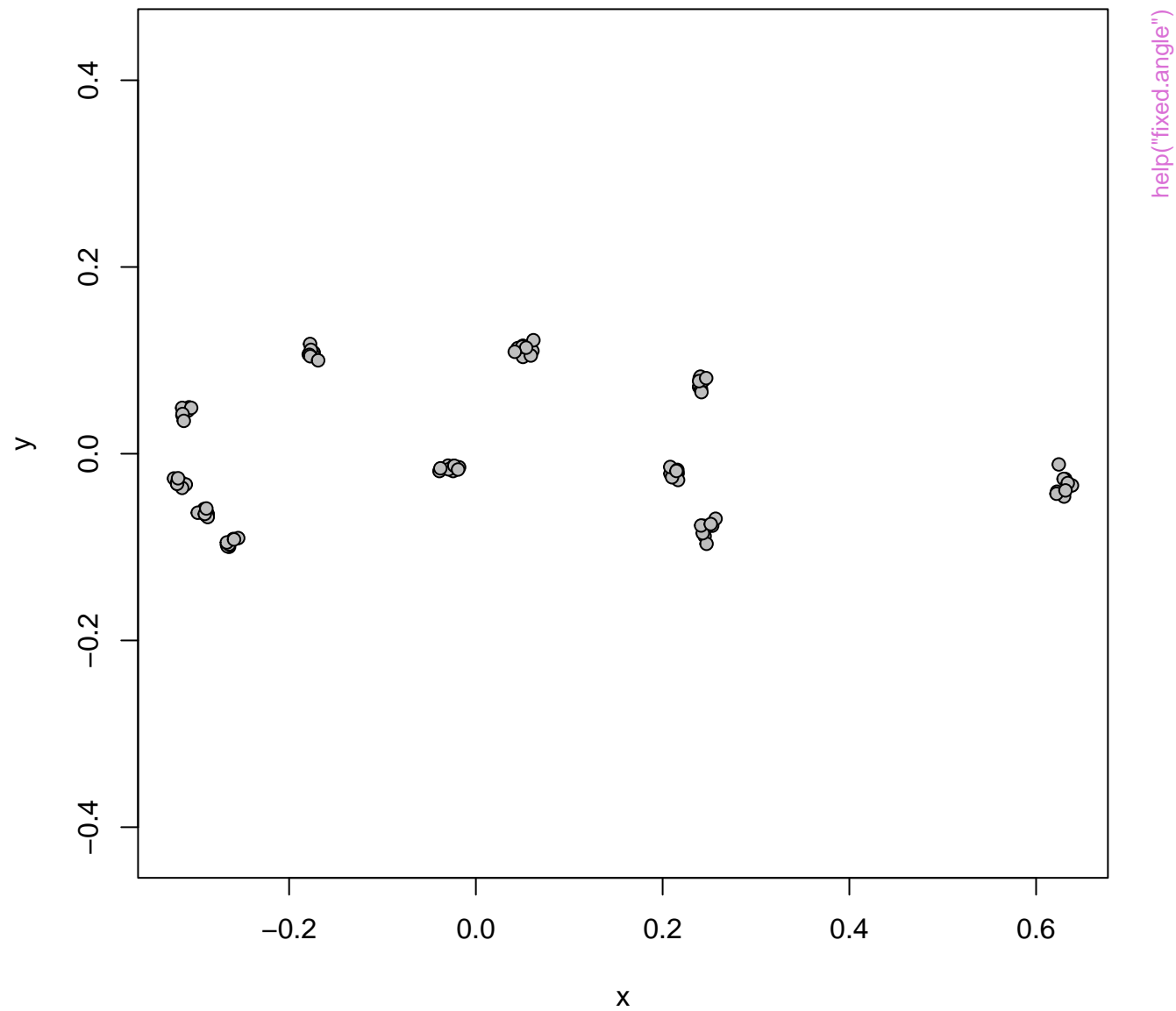


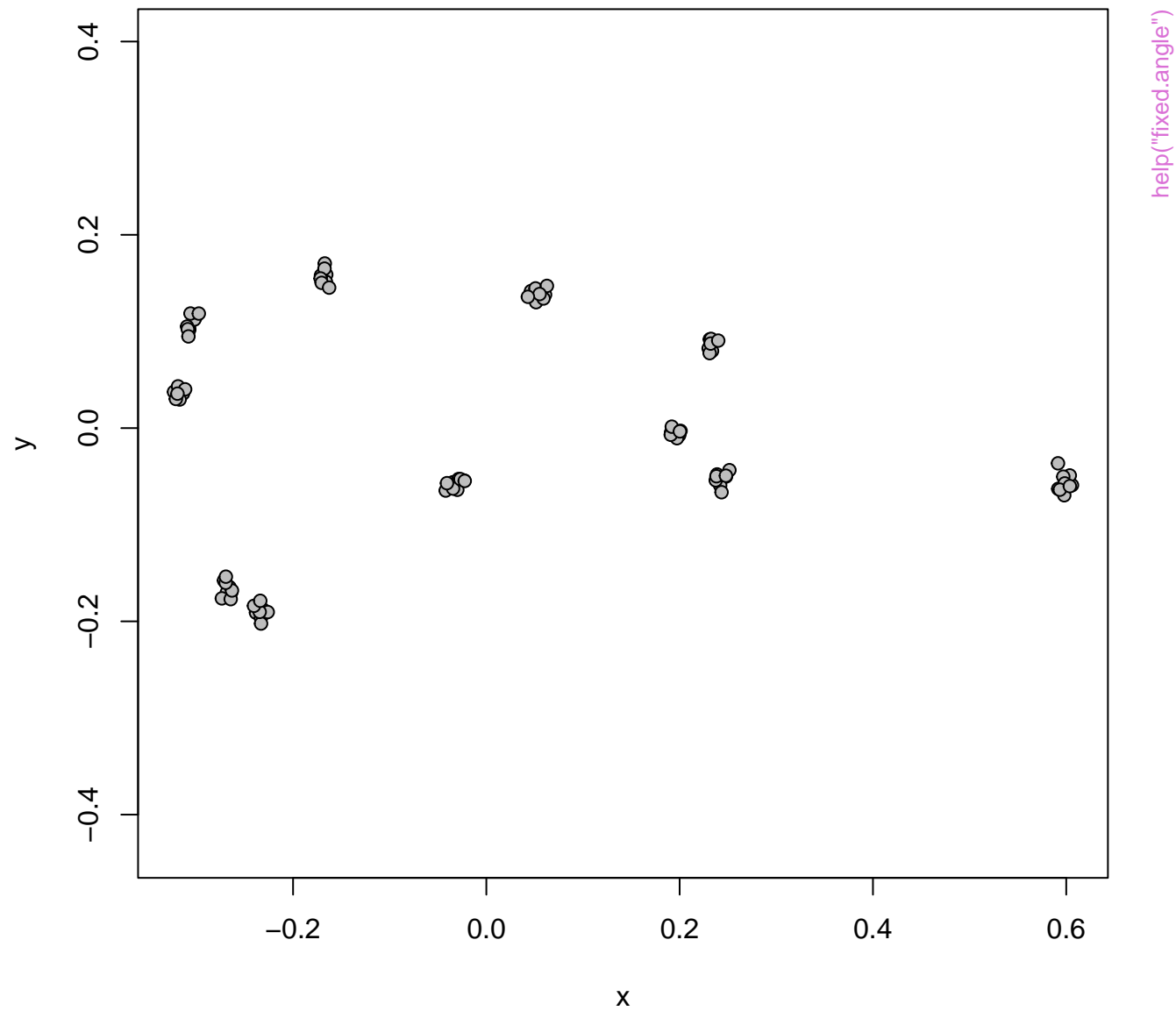
Observed Rate Ratio = 1.8372 ; P-value = 0.124



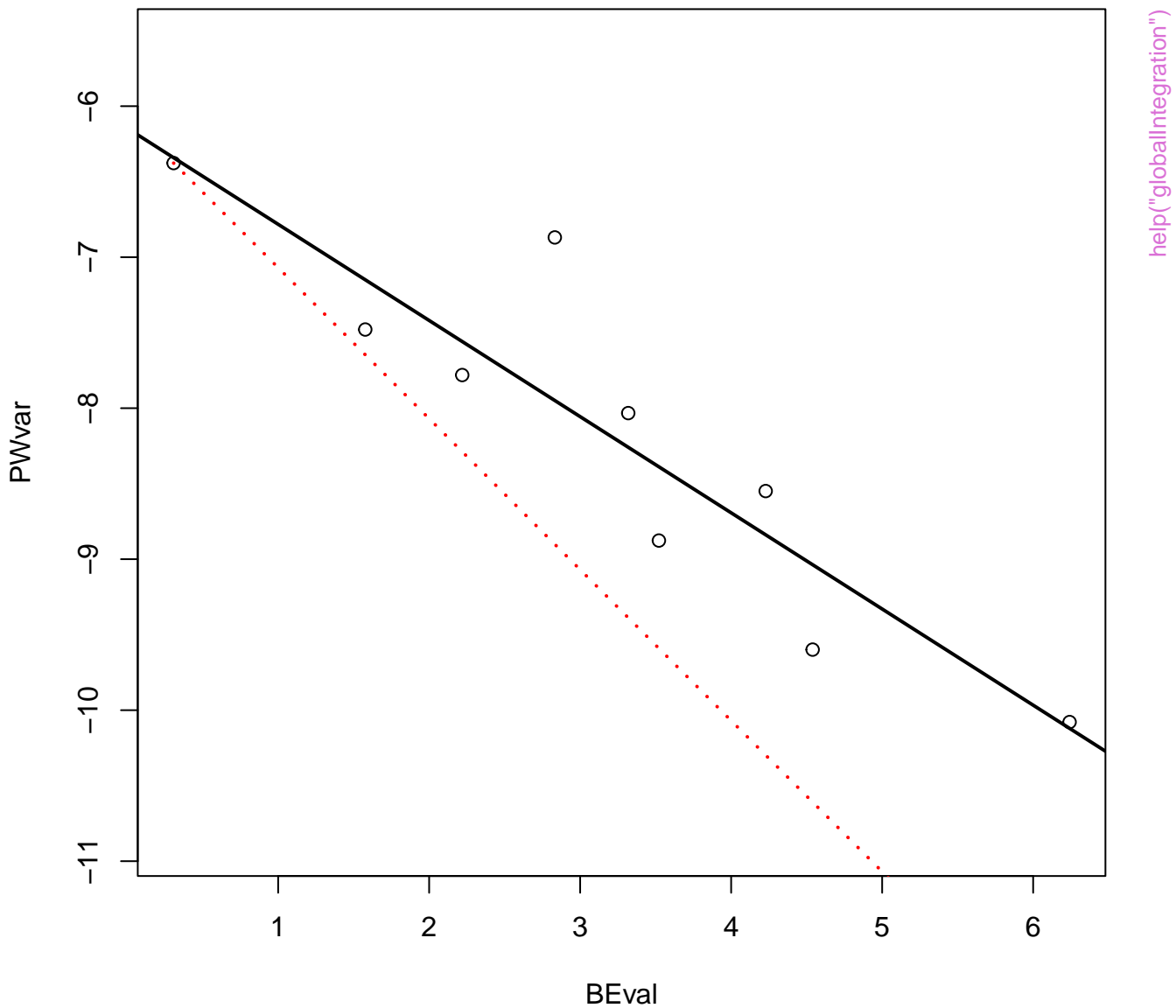
Observed Rate Ratio = 1.2997 ; P-value = 0.471



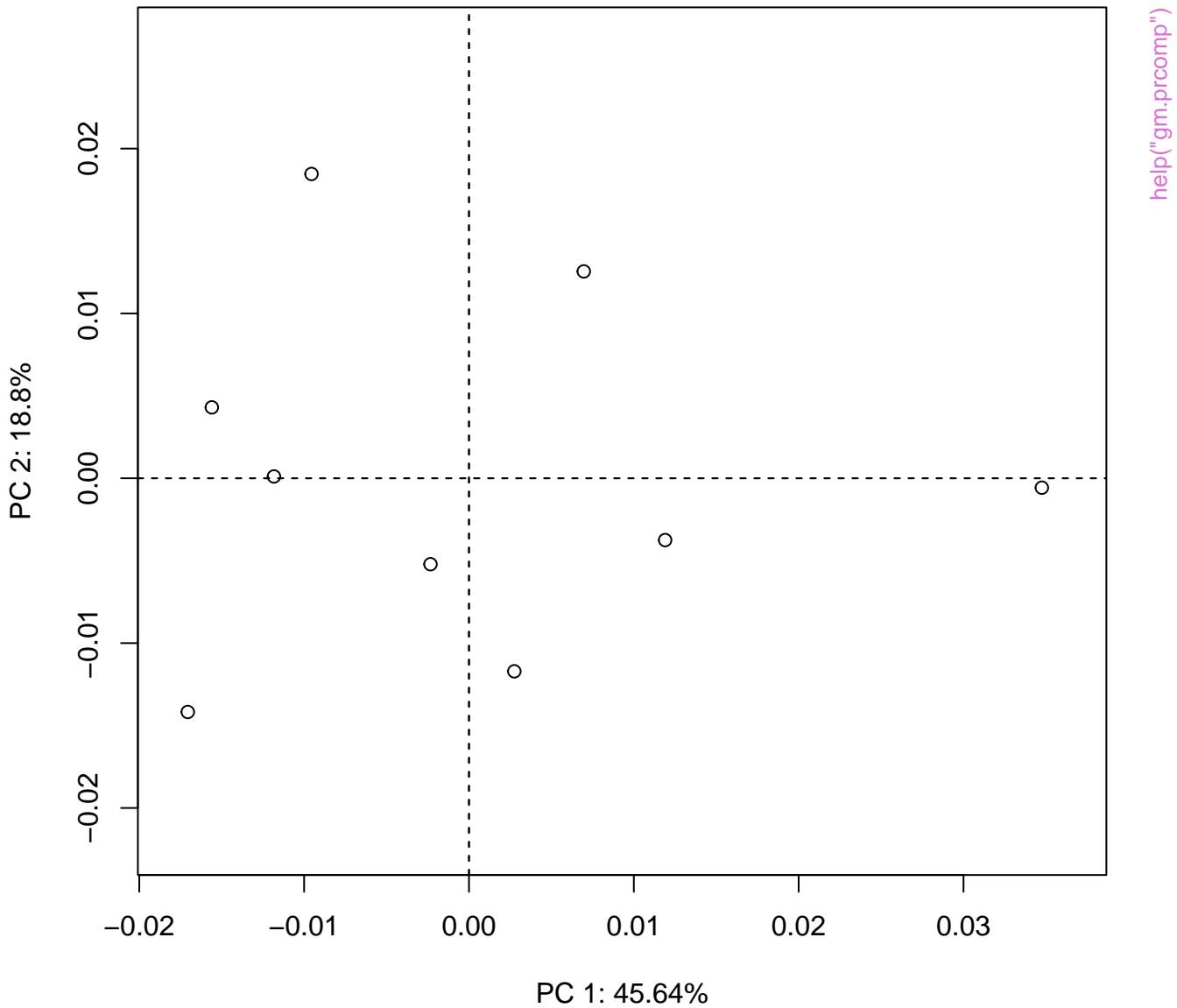




ObservedSlope<sub>black</sub> = -0.6369198

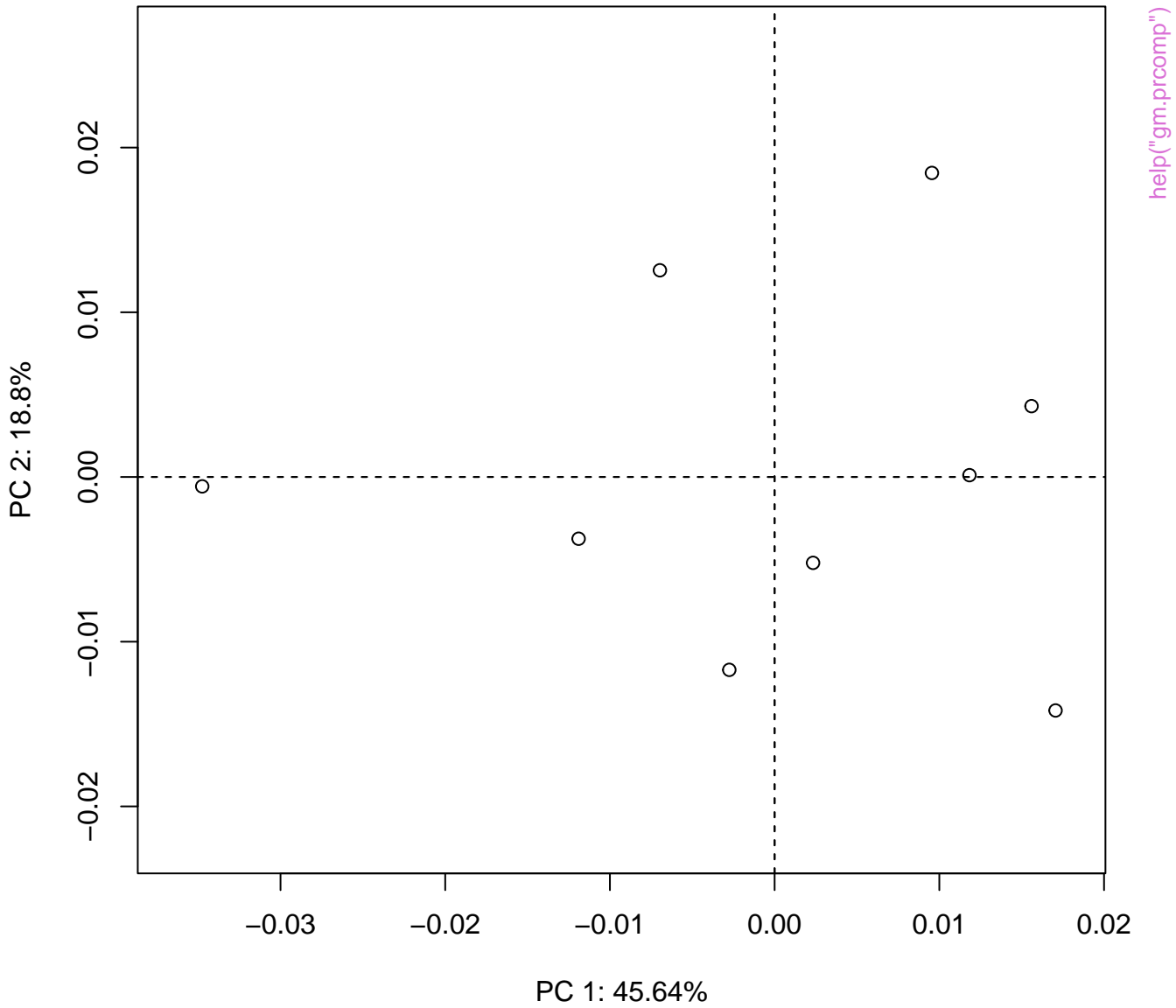


# PCA

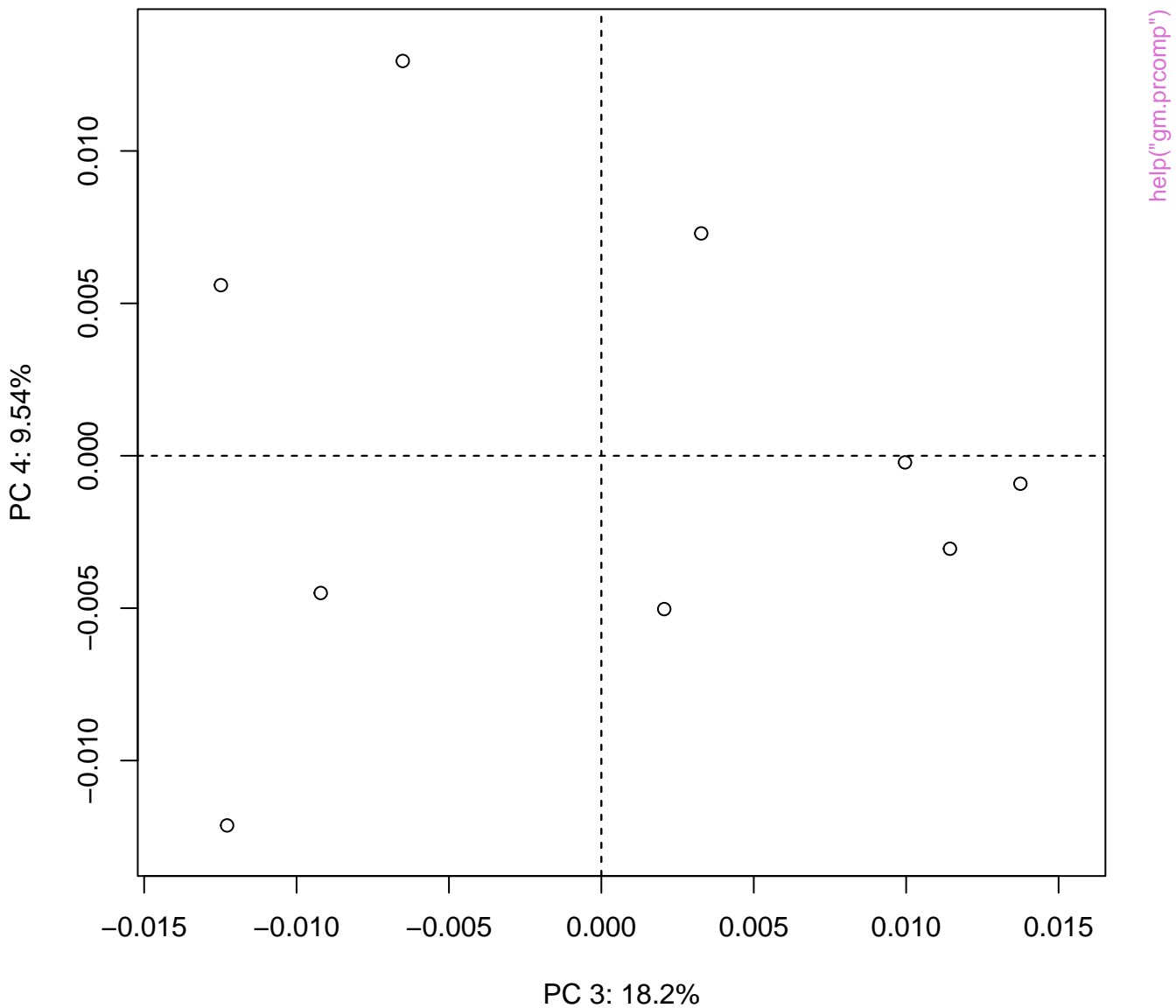


help("gm.prcomp")

# PCA

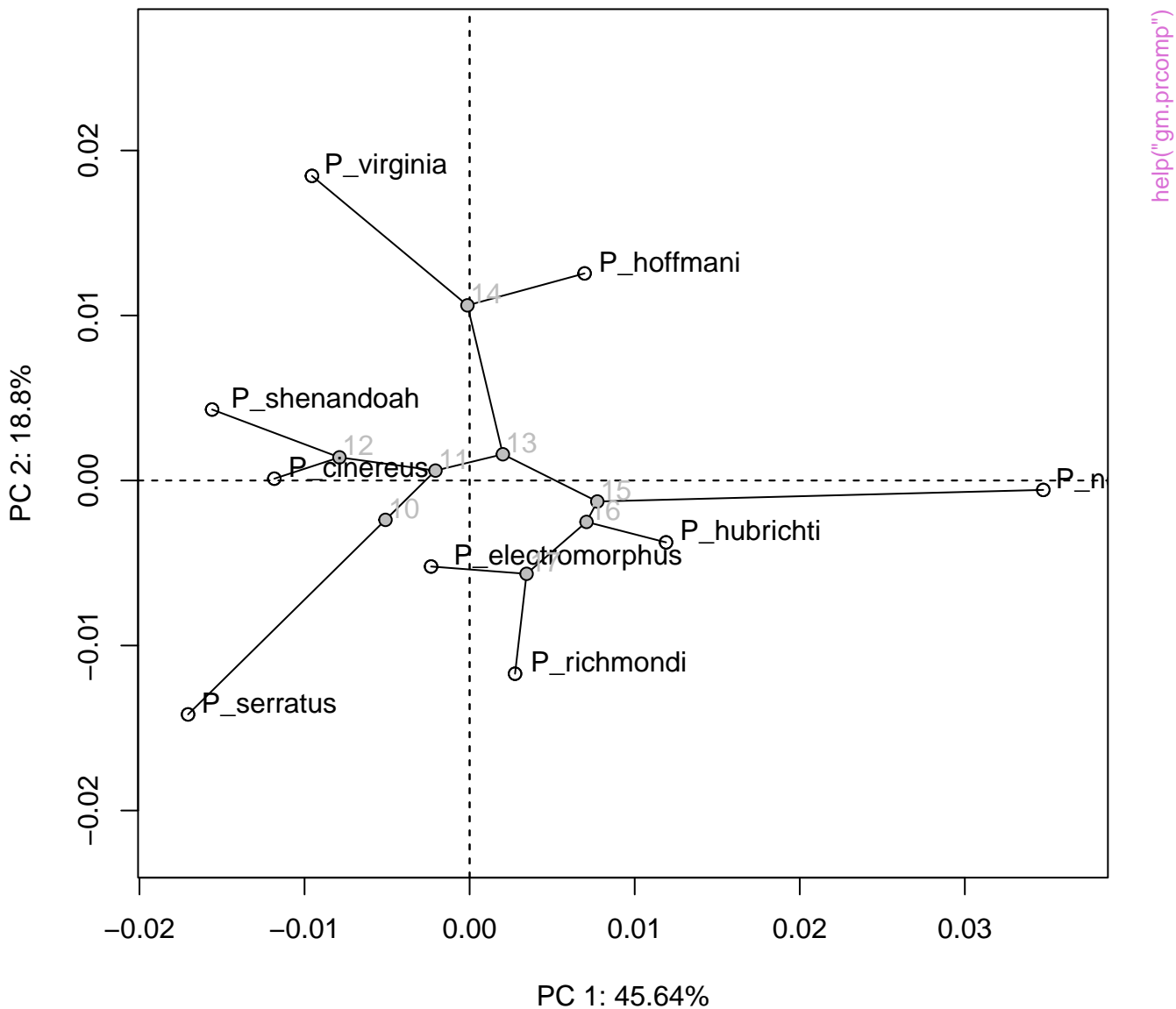


# PCA

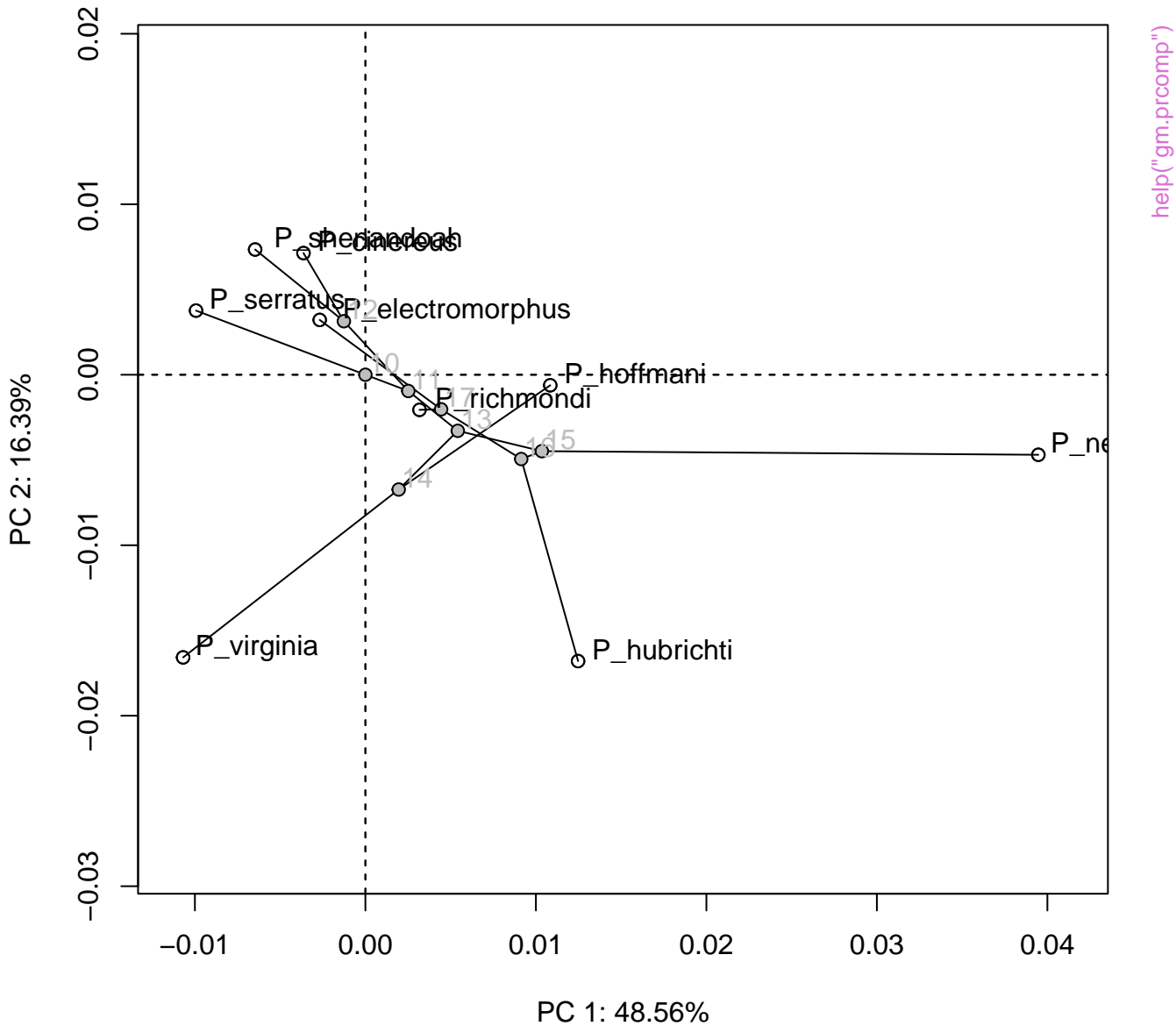




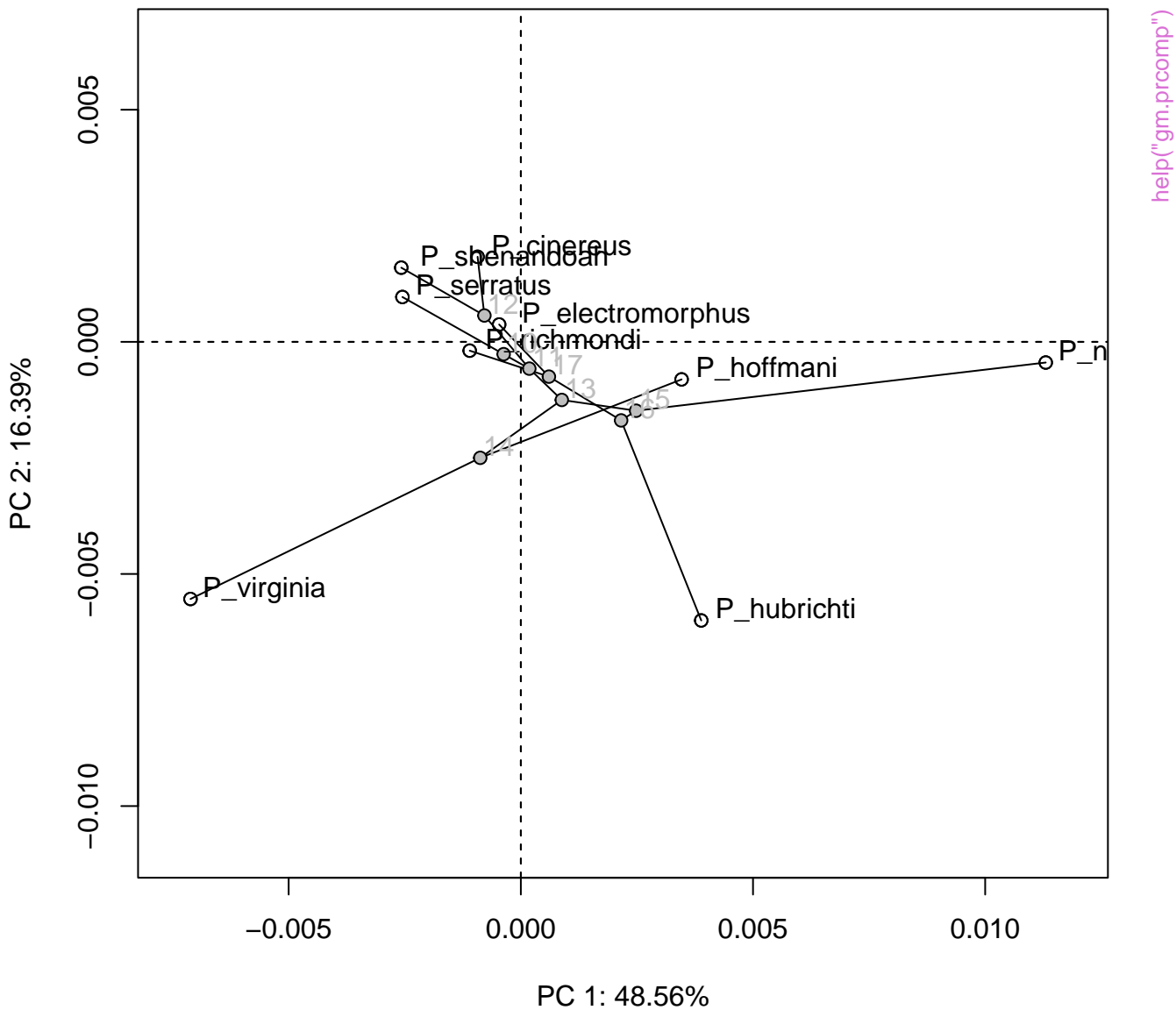
# PCA.w.phylo



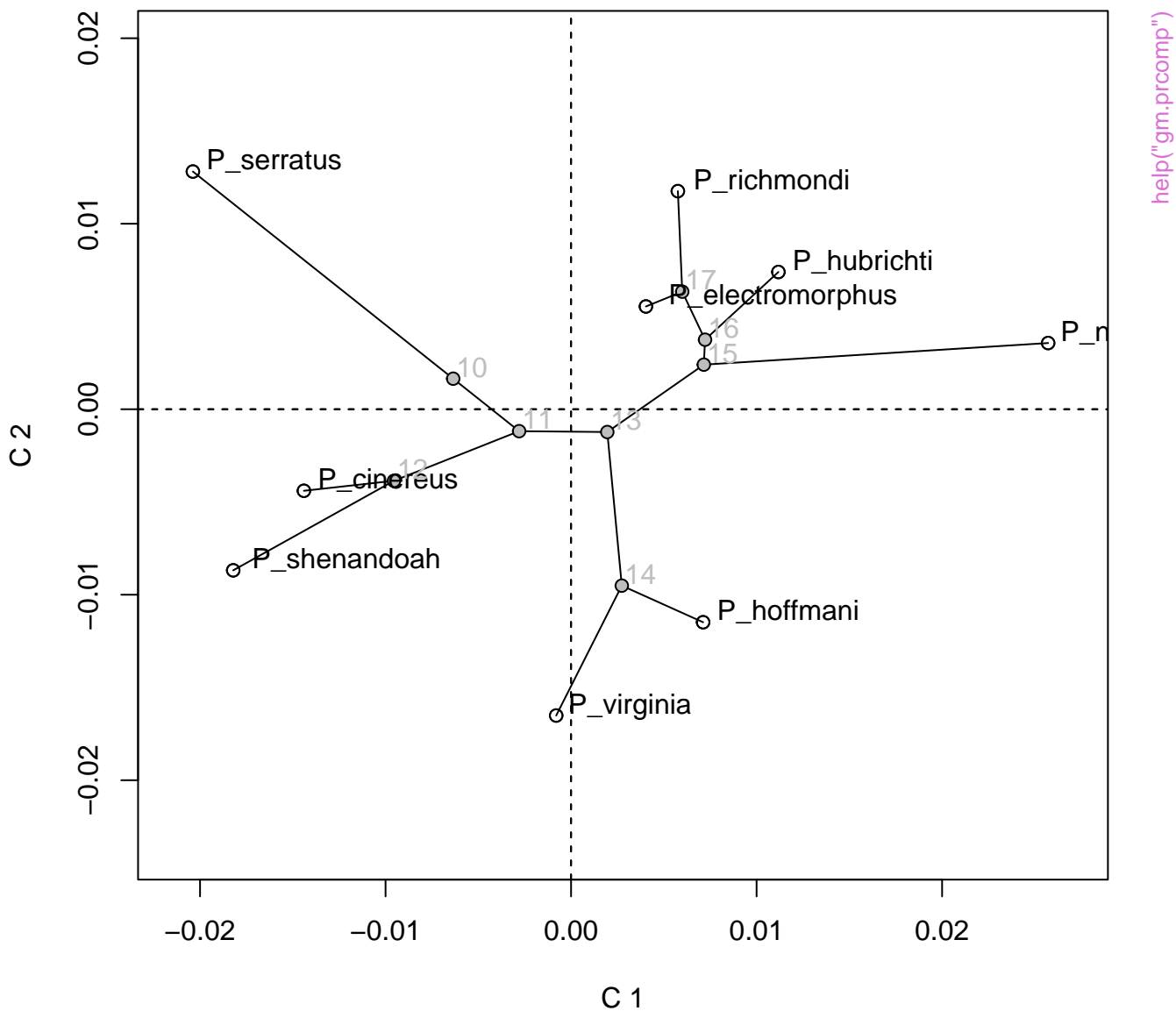
# phylo PCA



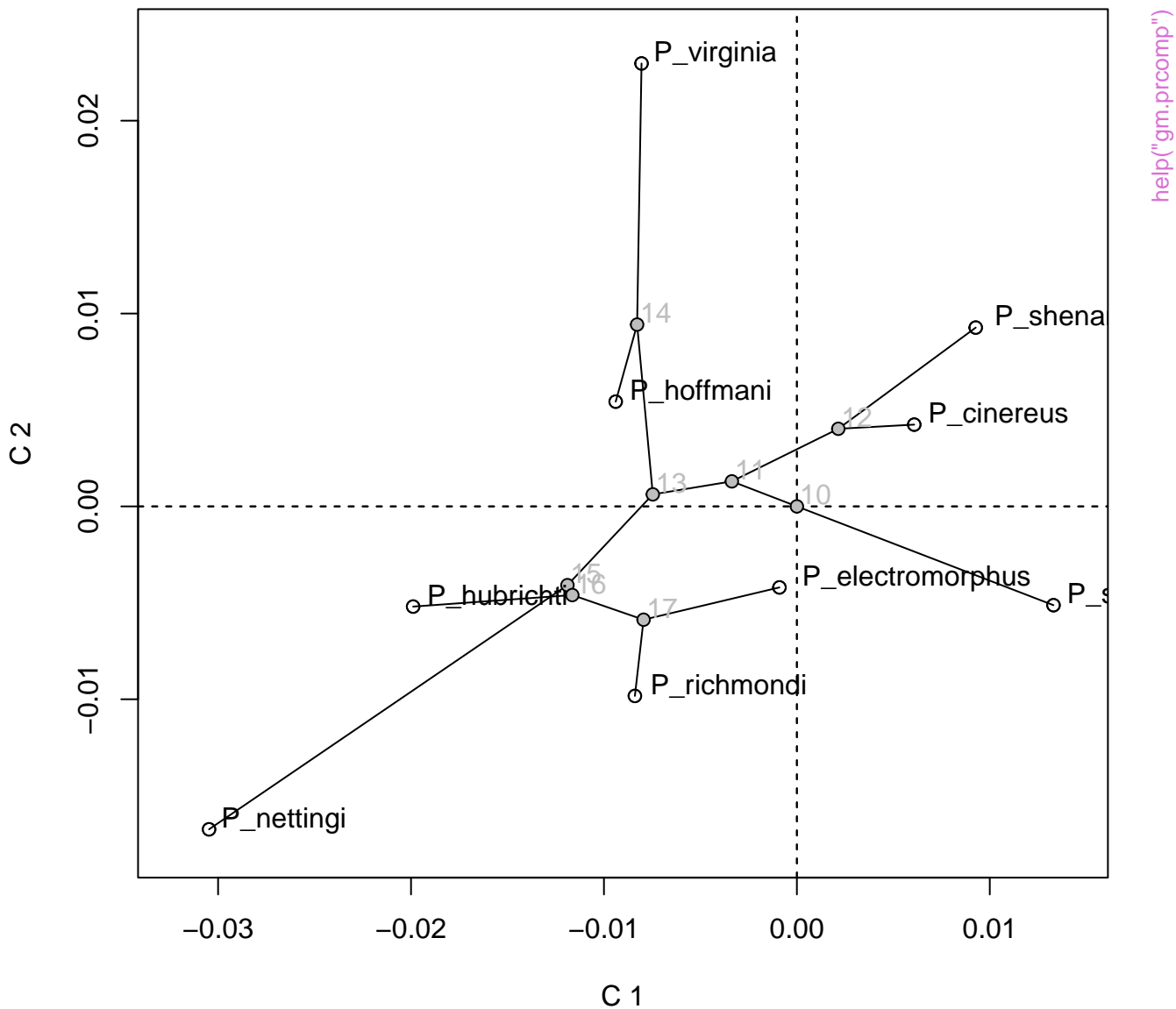
# phylo PCA



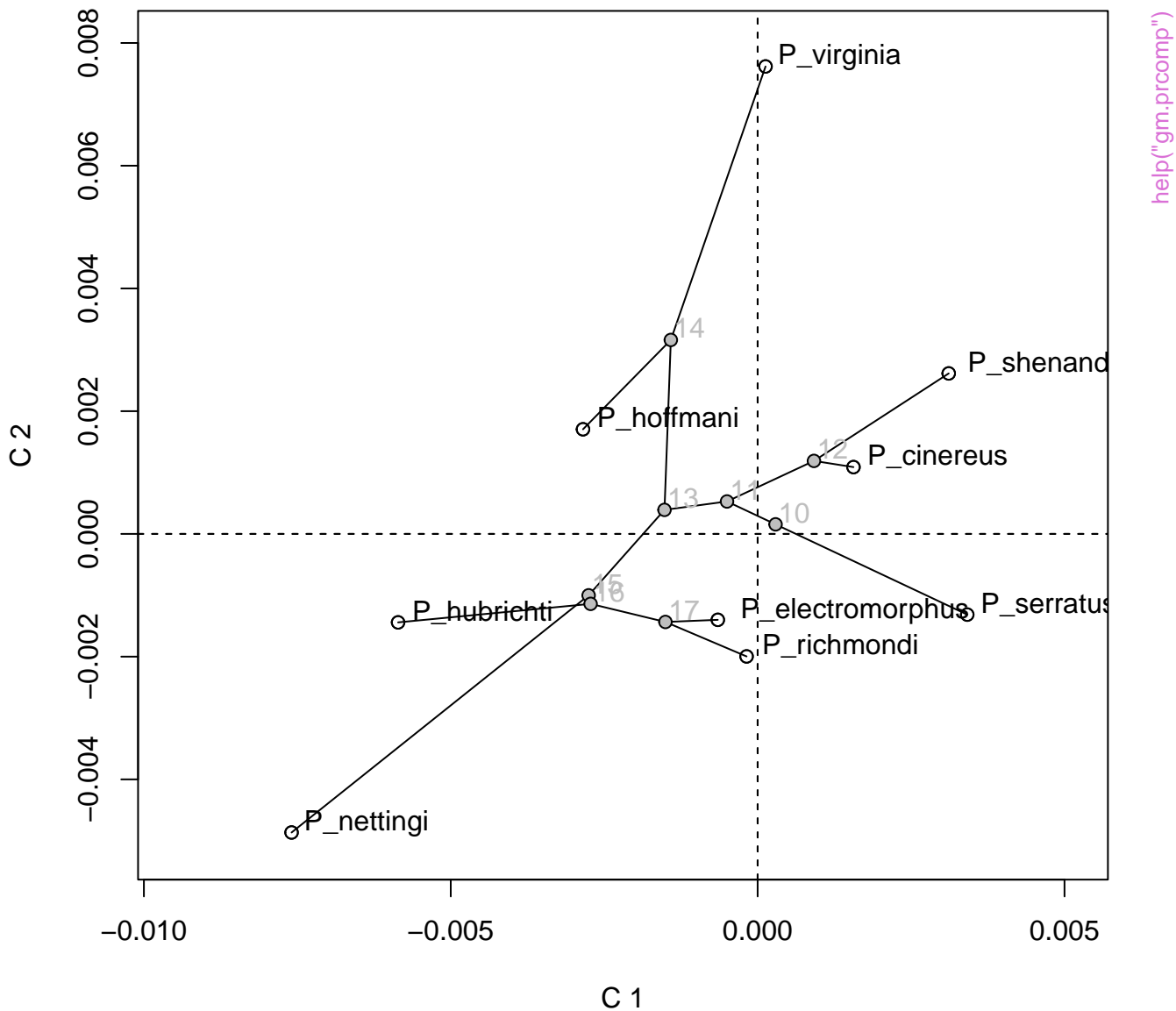
# PaCA using OLS

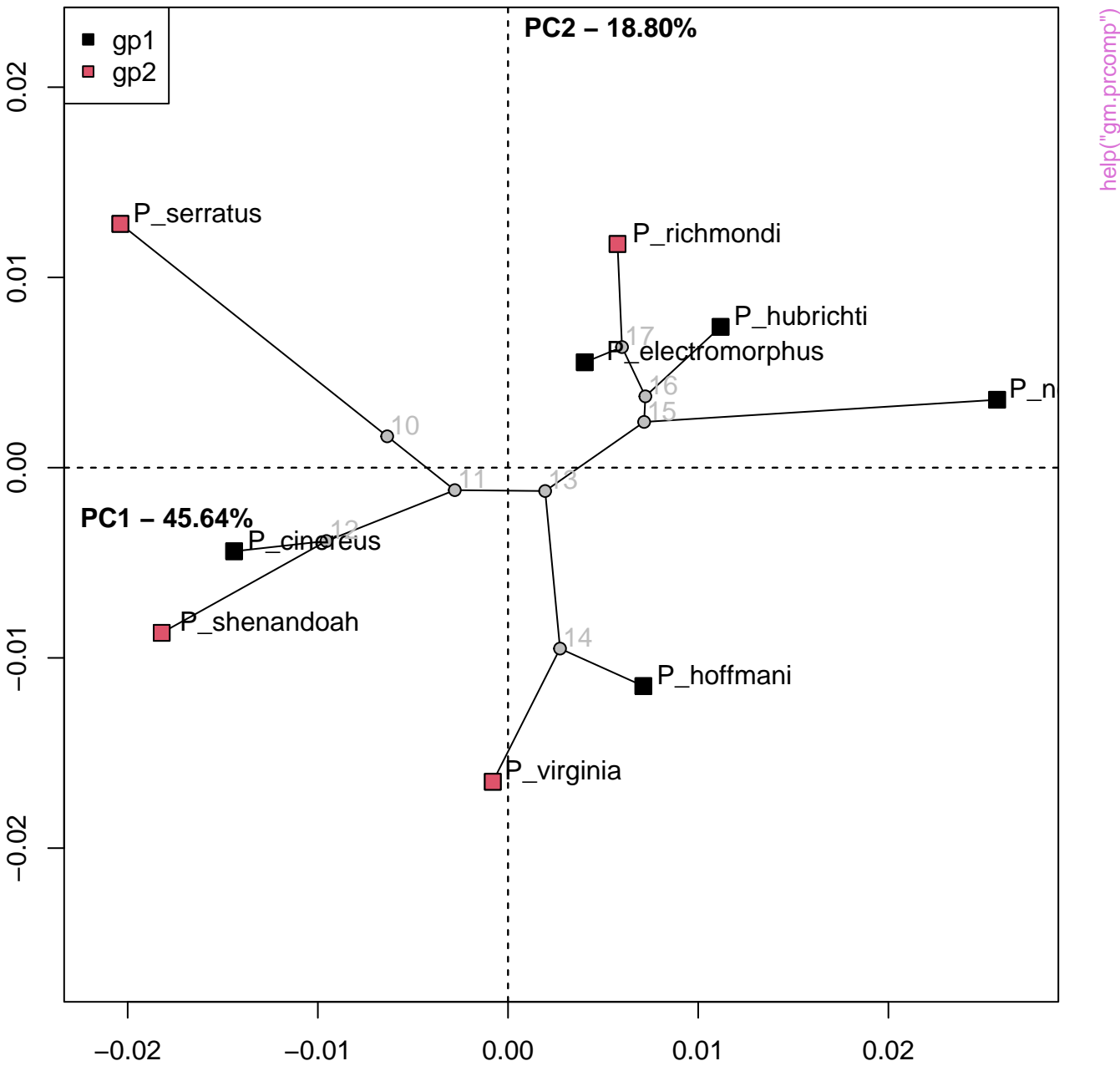


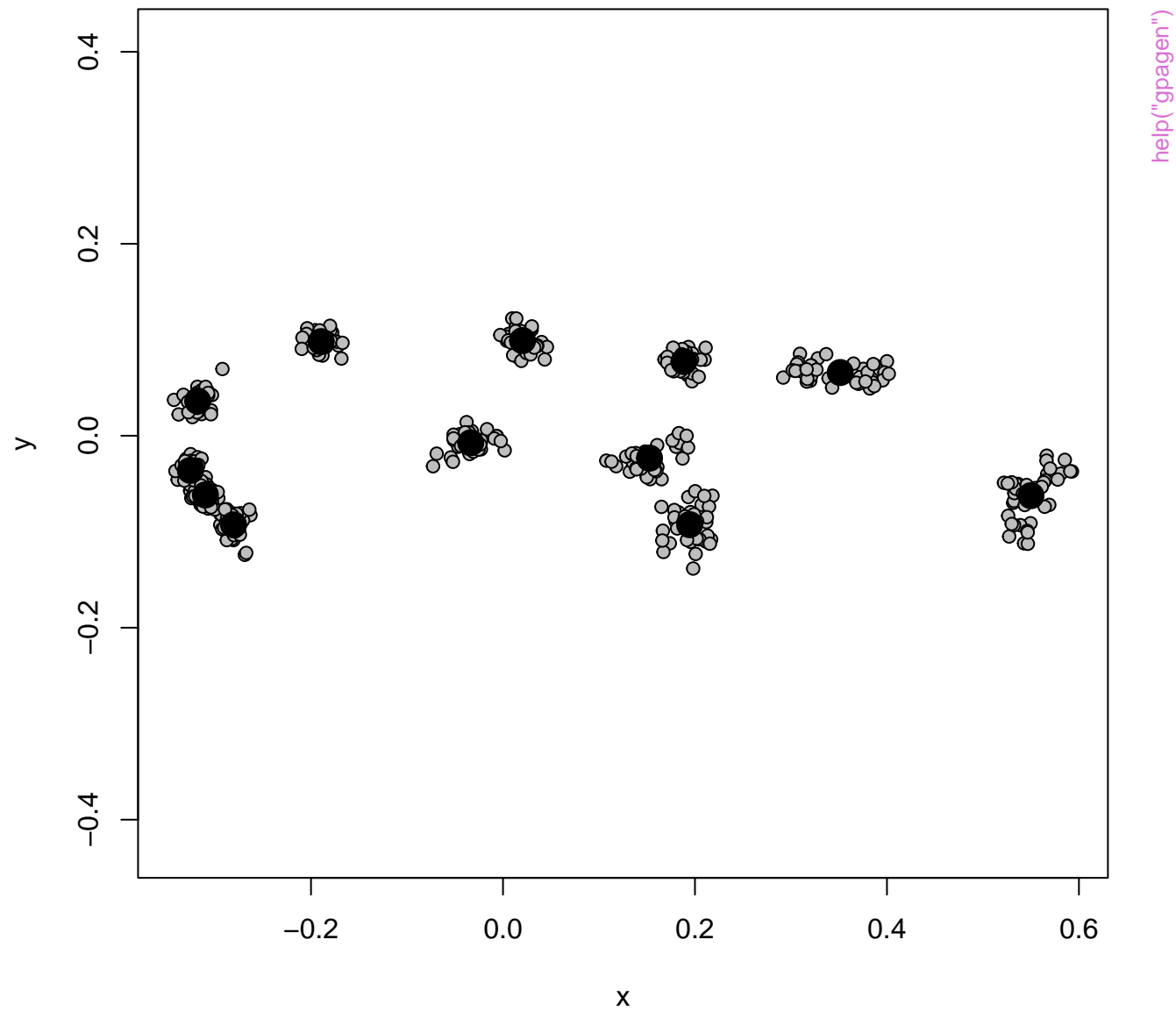
# PaCA using GLS



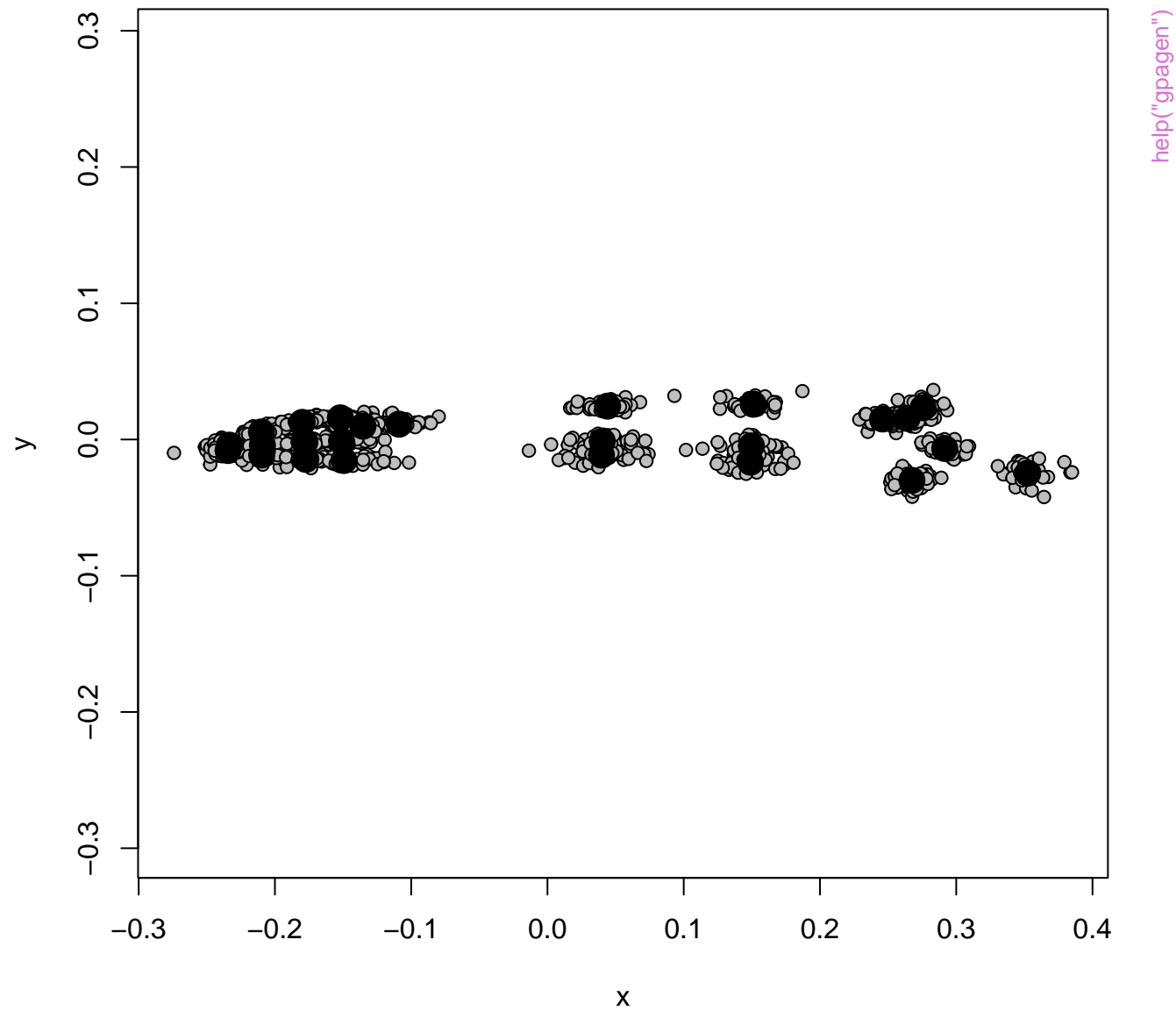
# PaCA using GLS and transformed projection

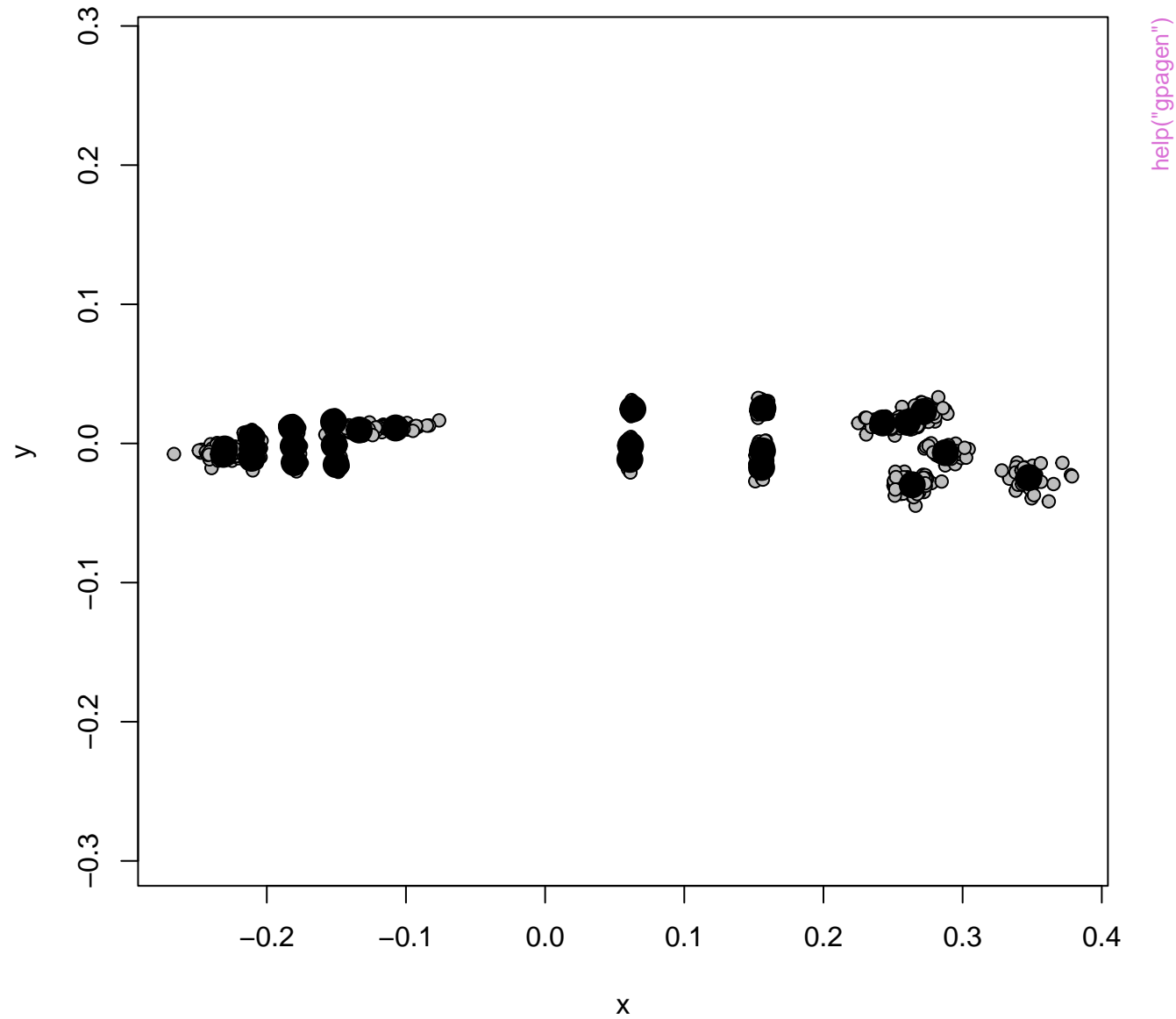


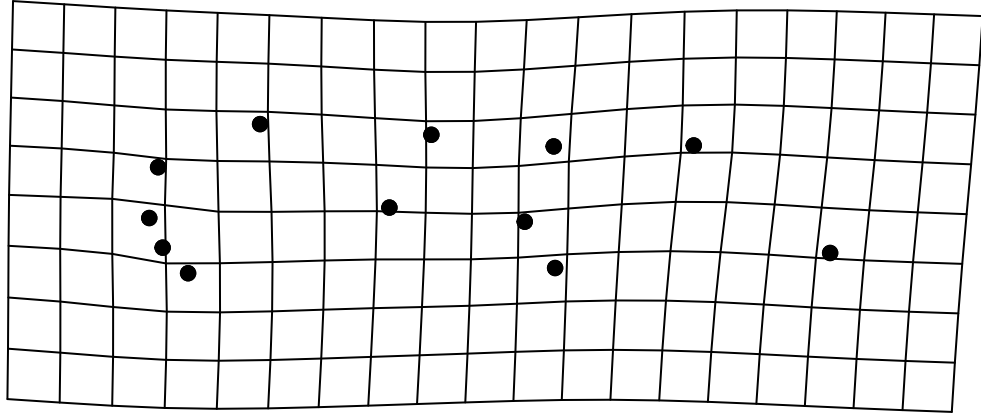


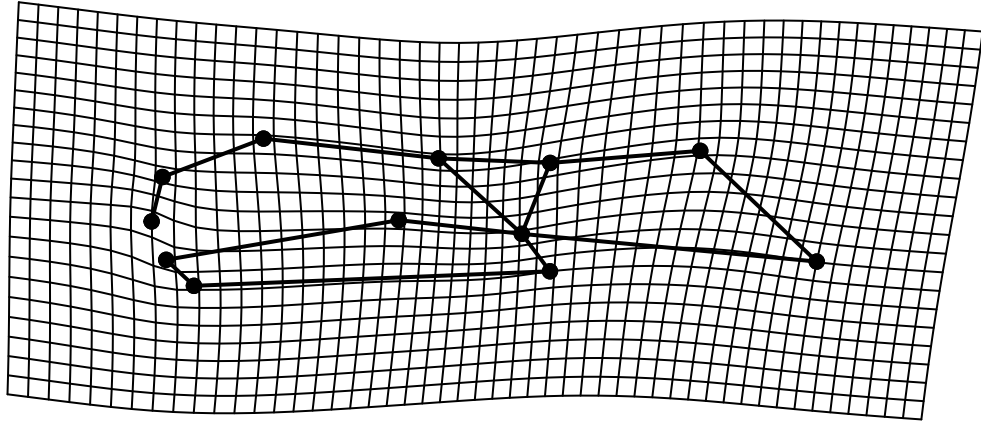


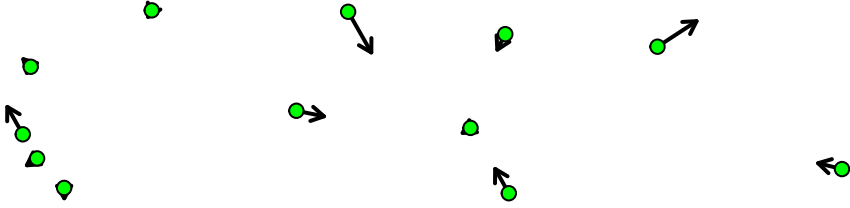


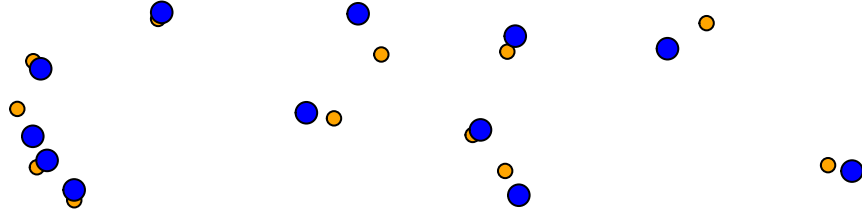


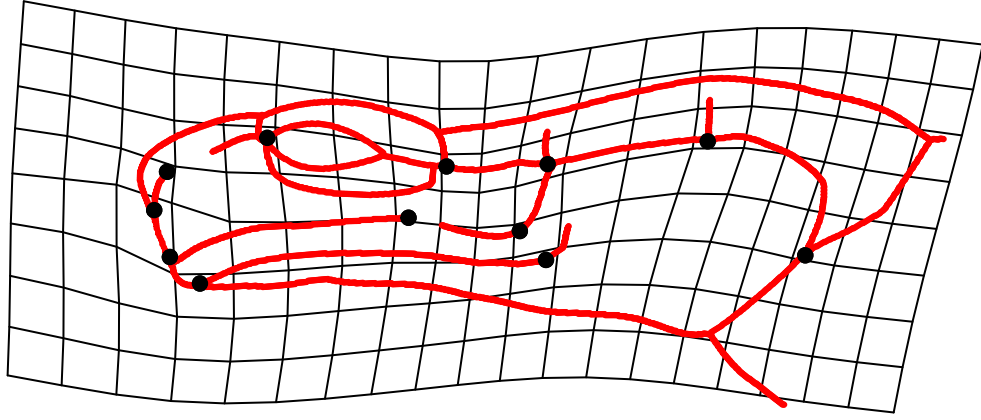




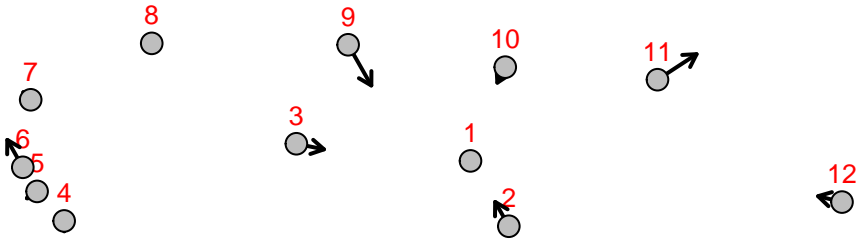






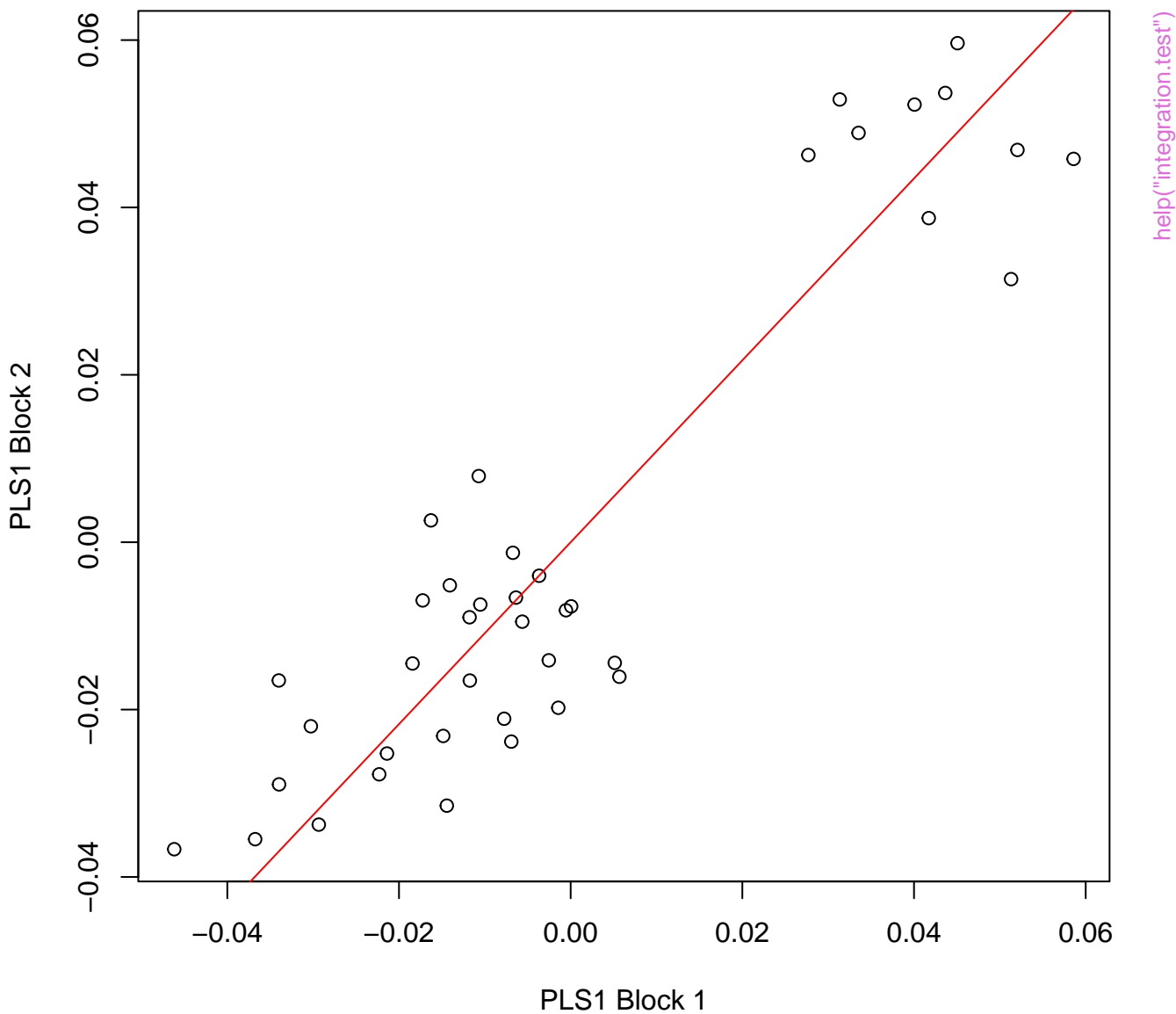


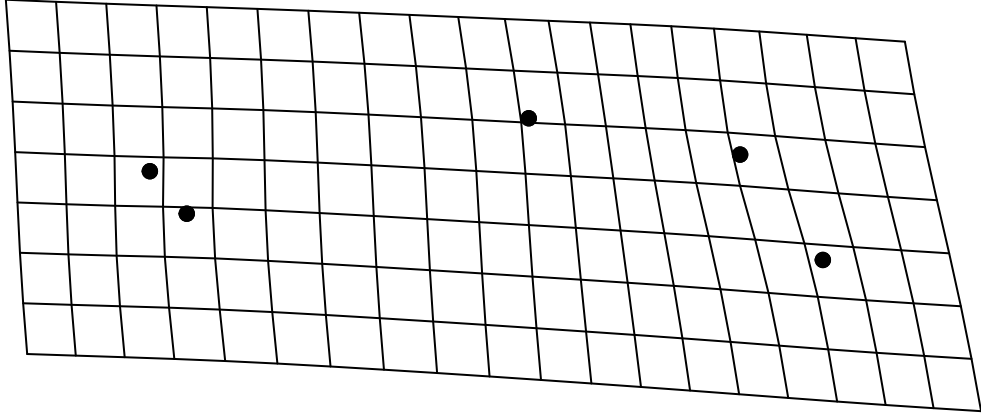
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help("gridPar")
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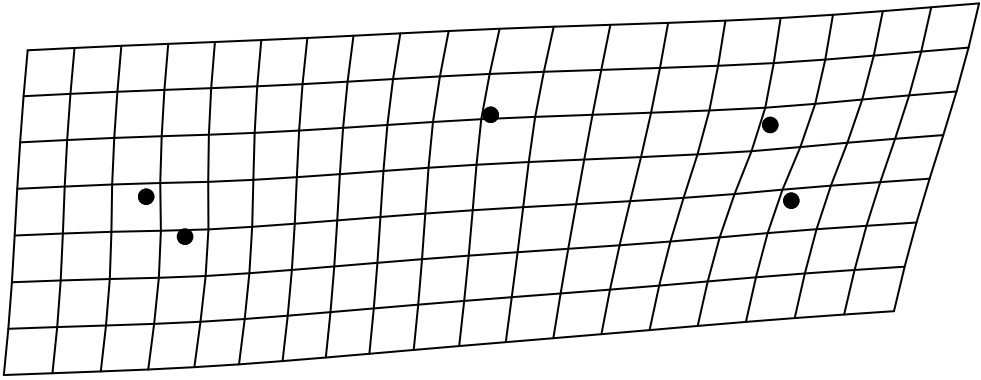


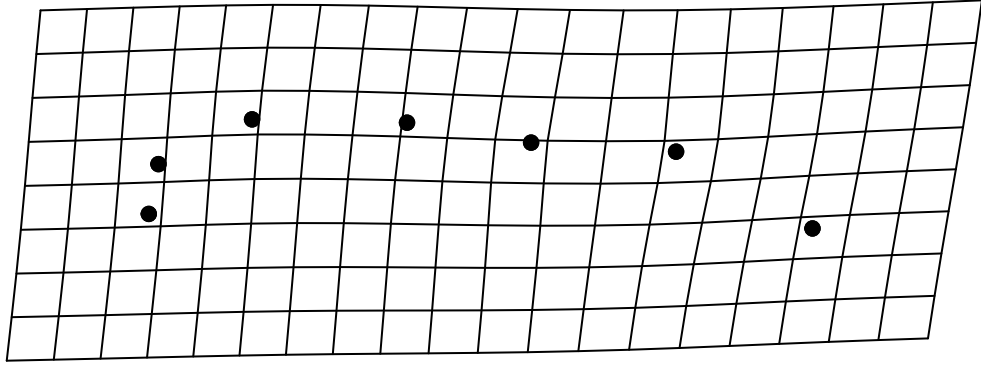


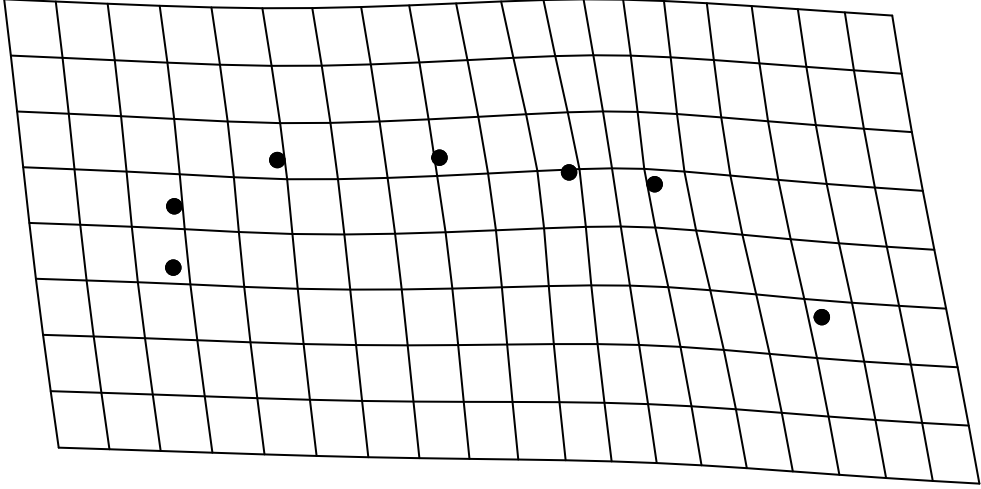
**PLS1 Plot: Block 1 (X) vs. Block 2 (Y)**



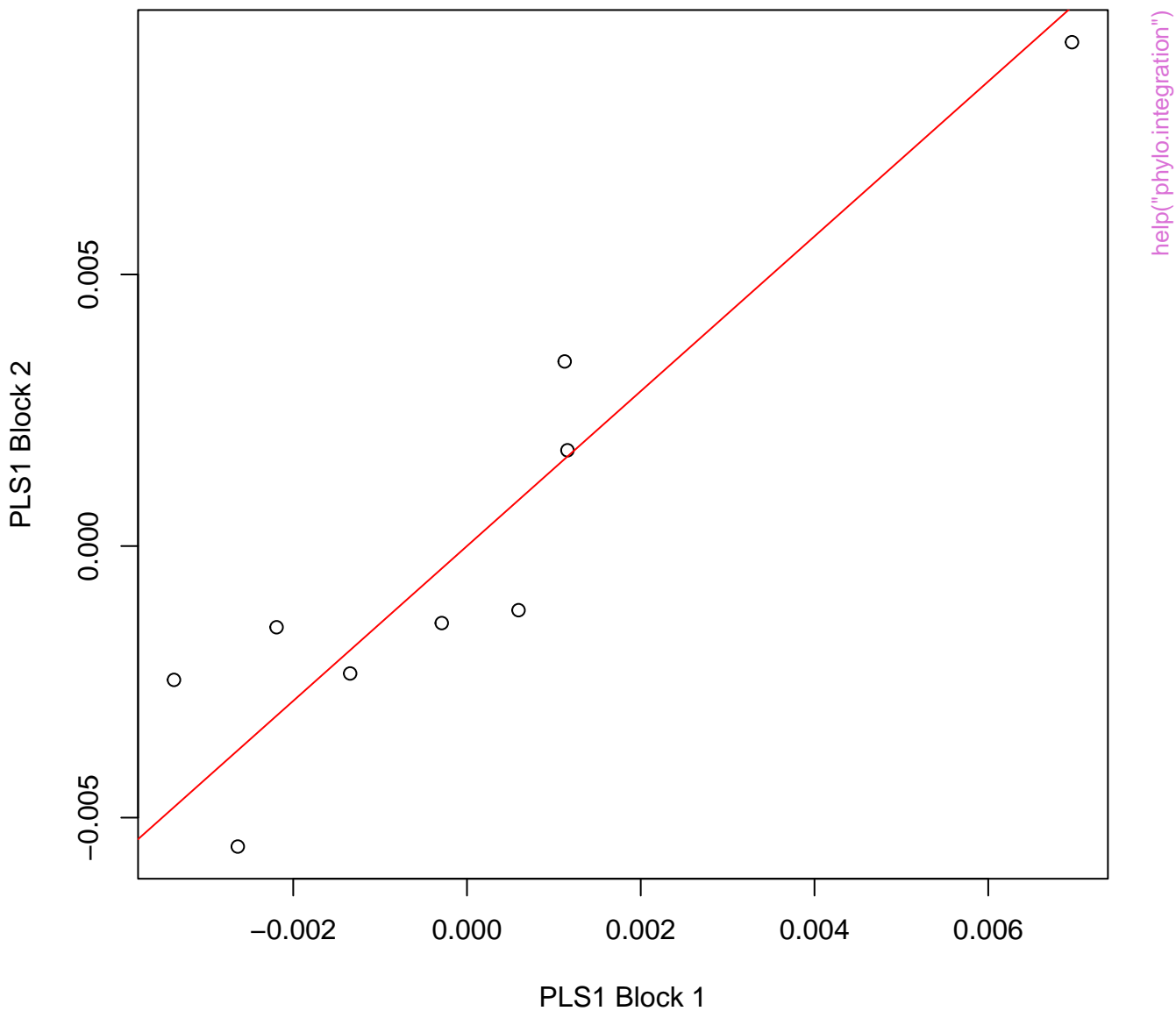


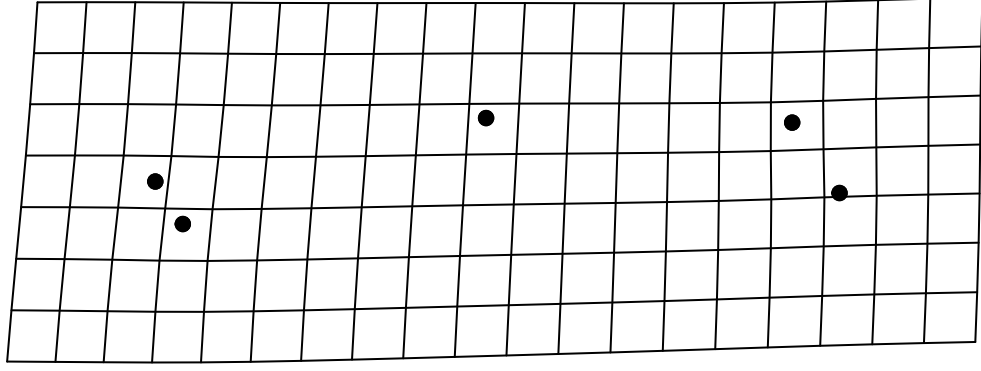


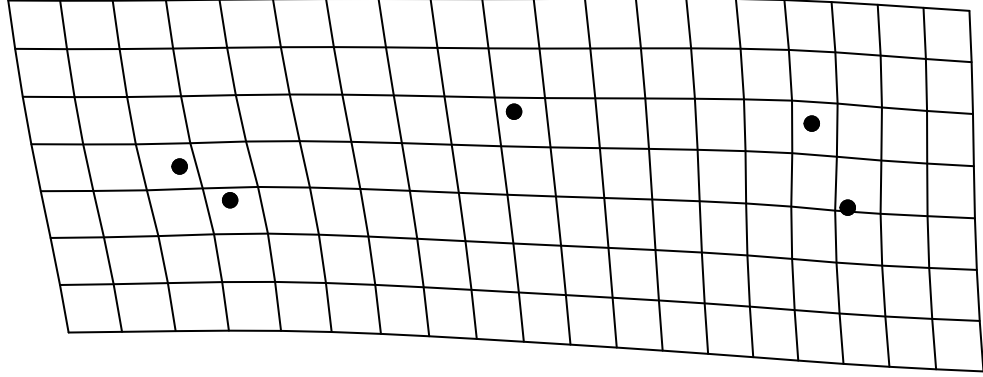




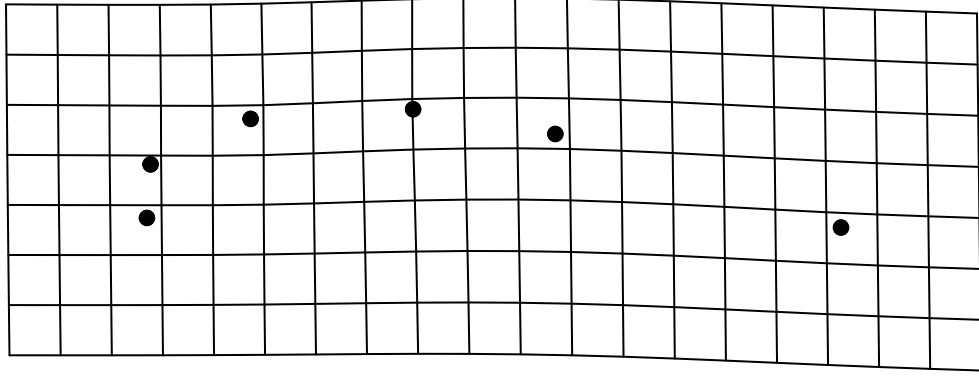
**PLS1 Plot: Block 1 (X) vs. Block 2 (Y)**

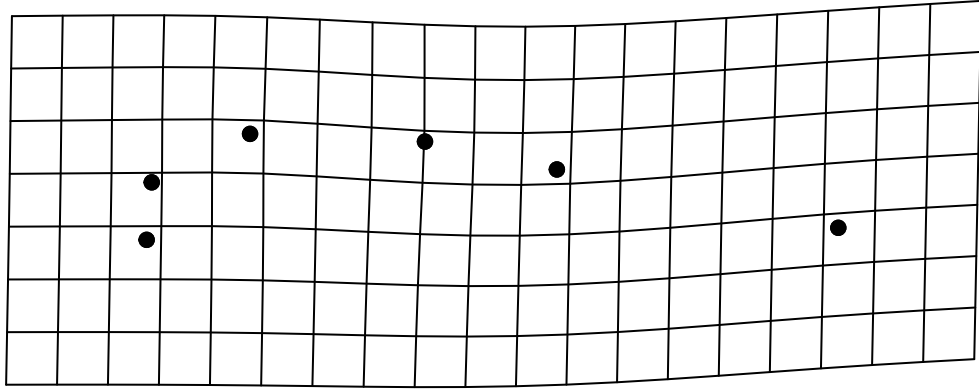




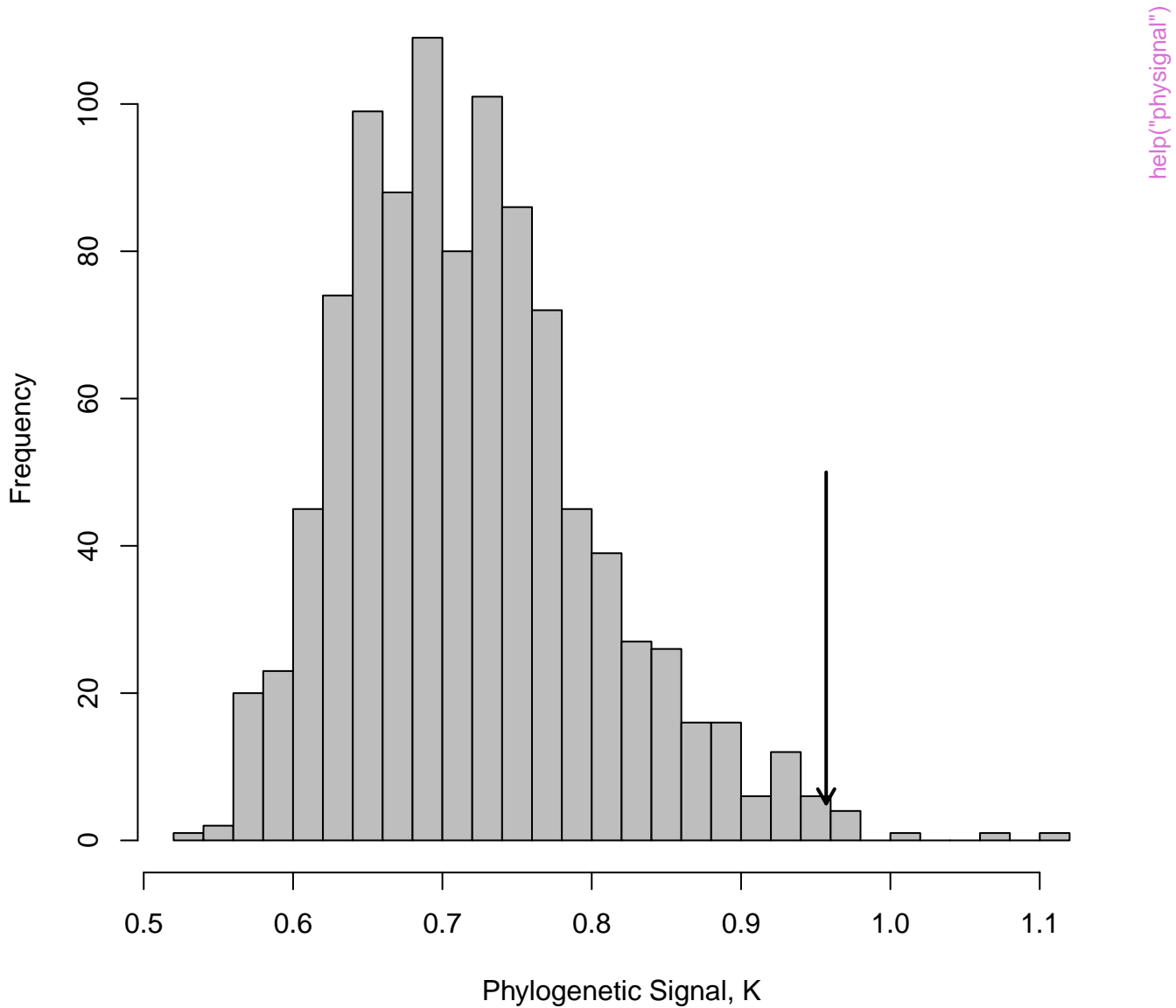


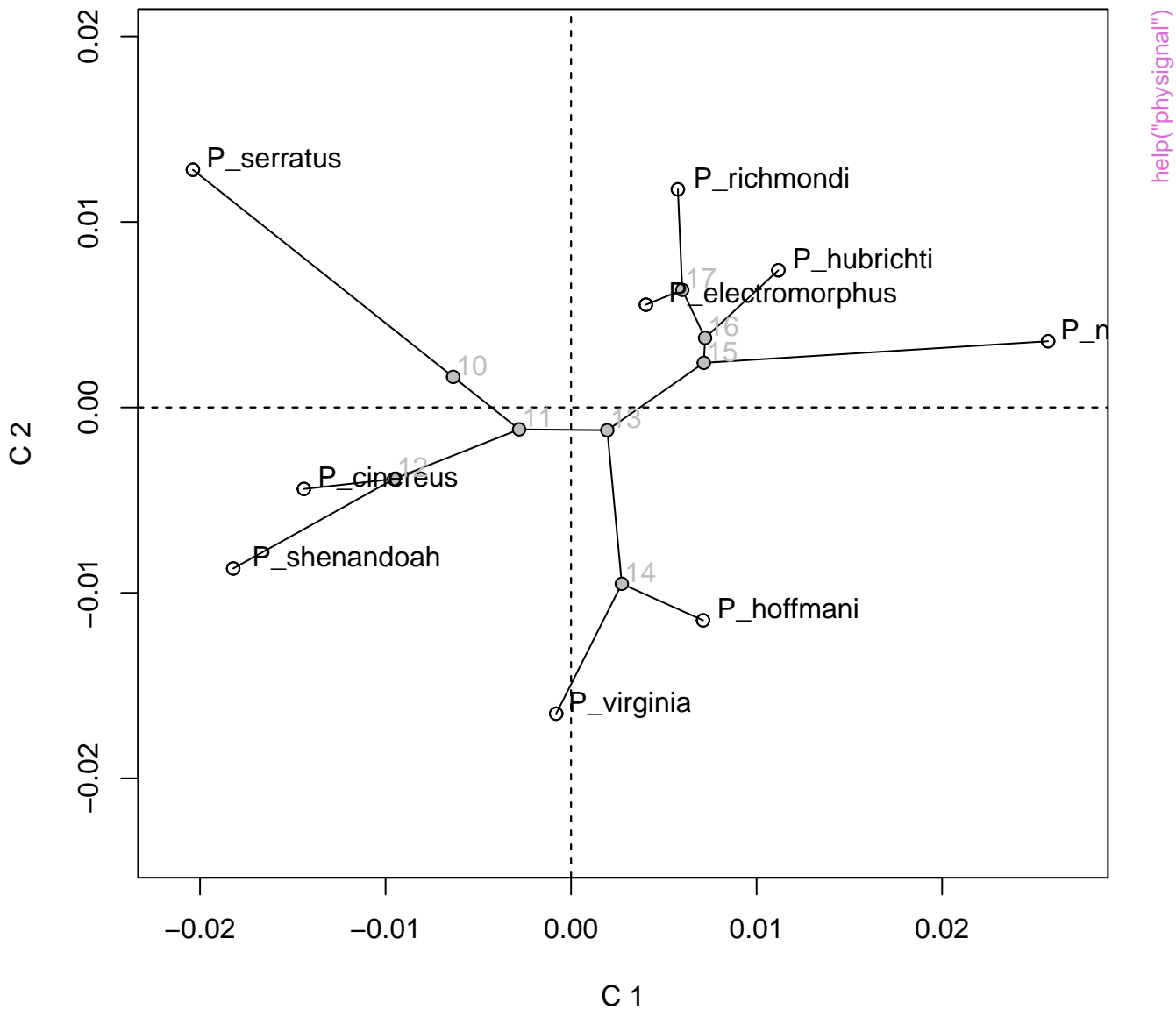




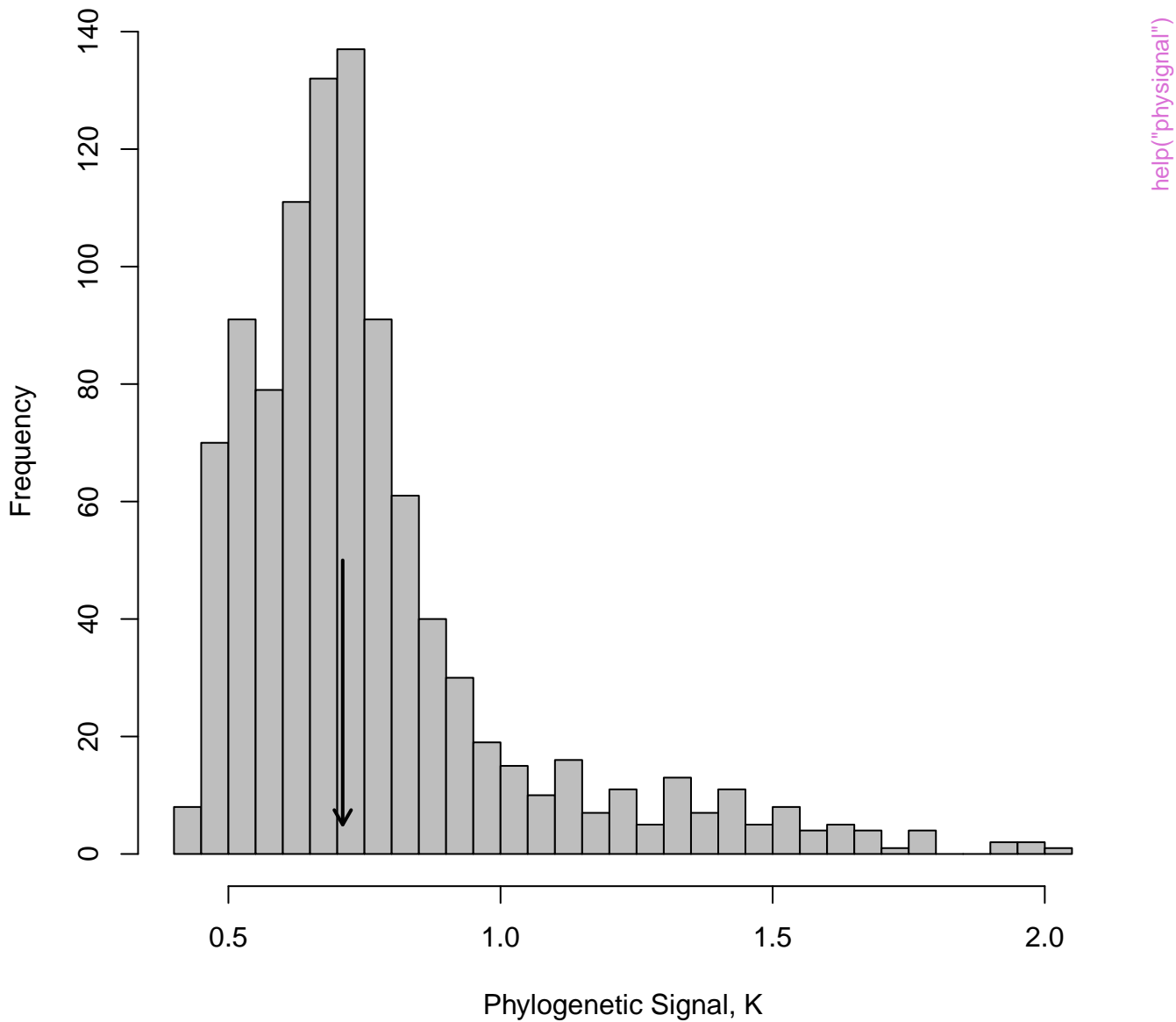


Observed K = 0.957 ; P-value = 0.008



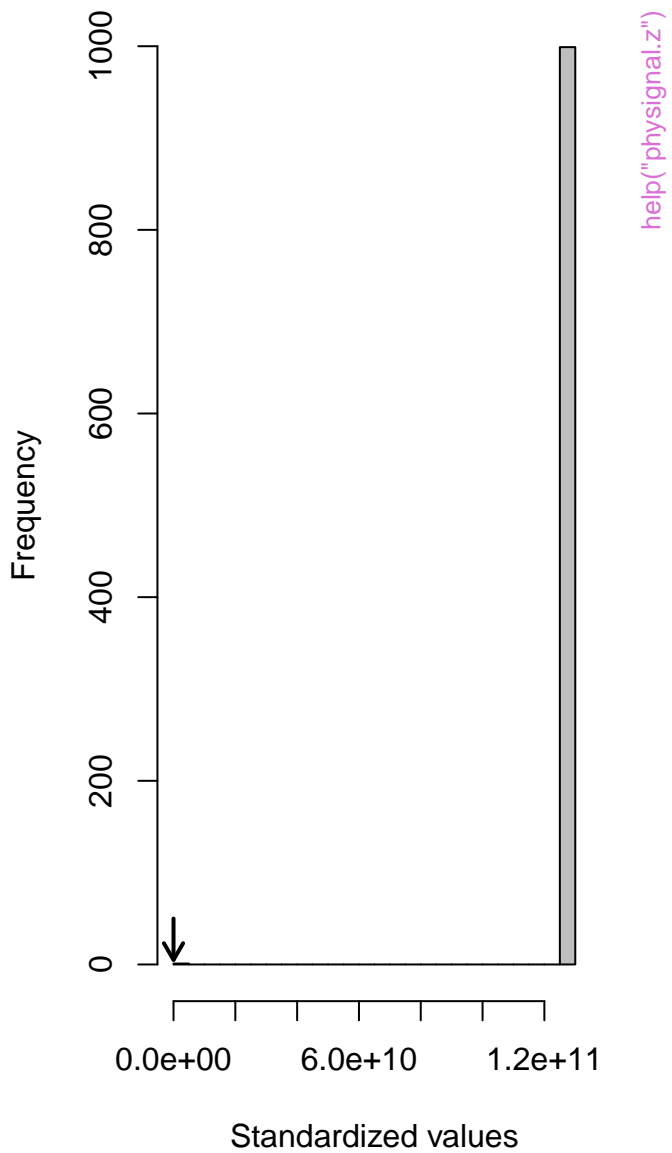
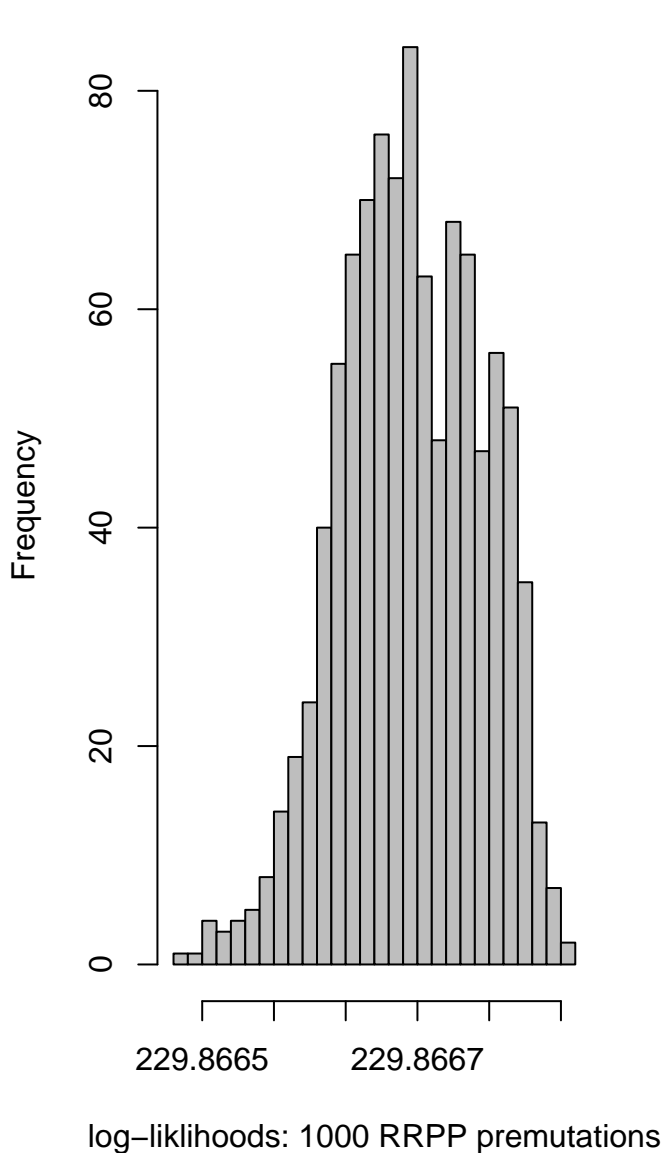


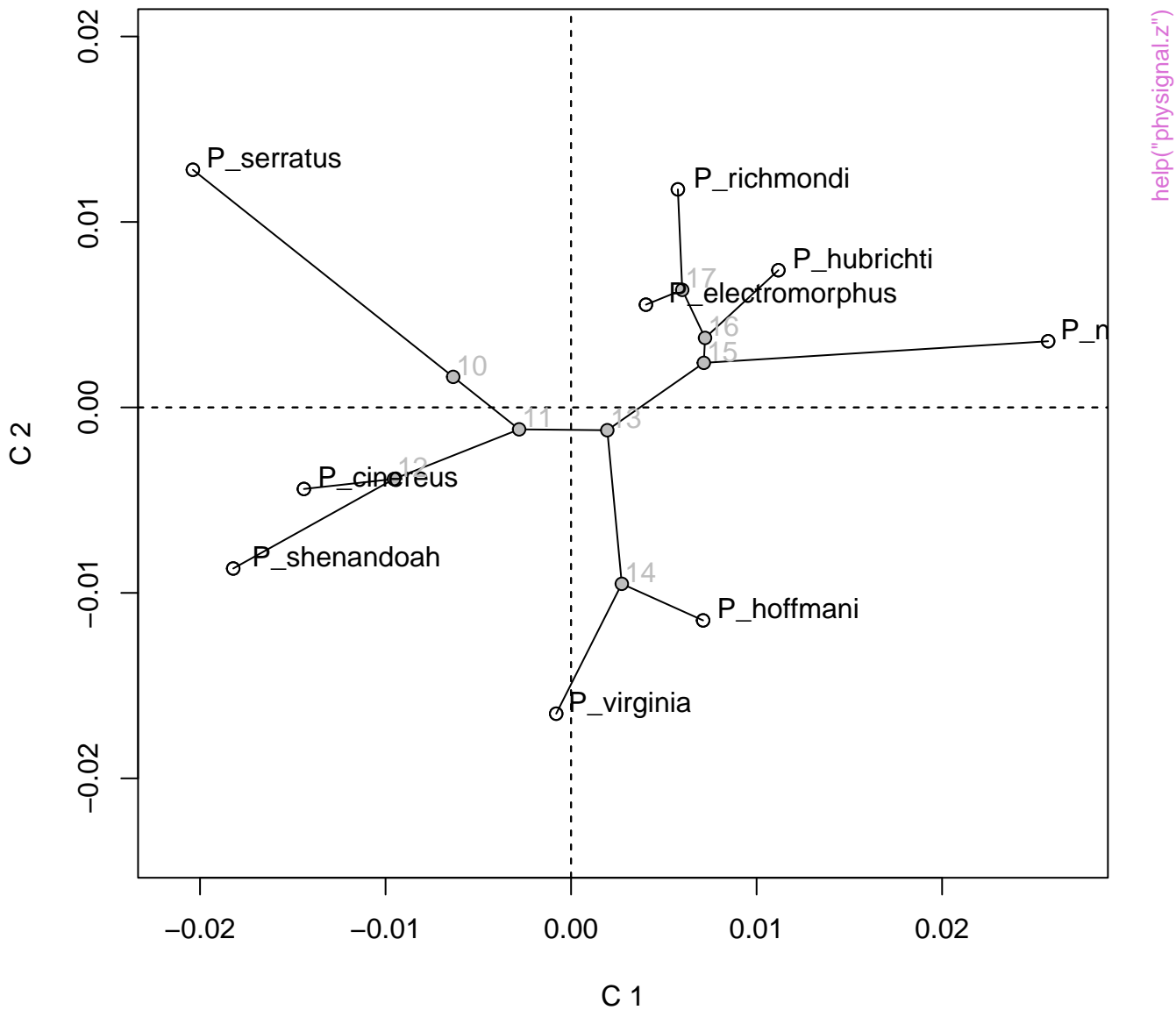
Observed K = 0.71 ; P-value = 0.477



Observed log-likelihood = 229.867 ; P-value = 0.0

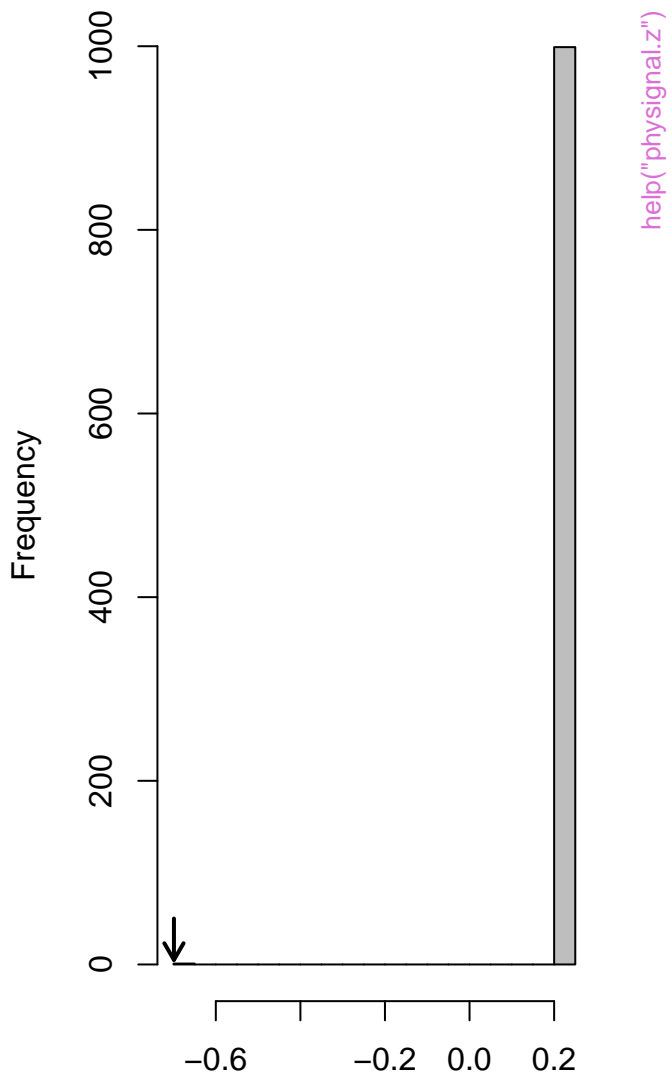
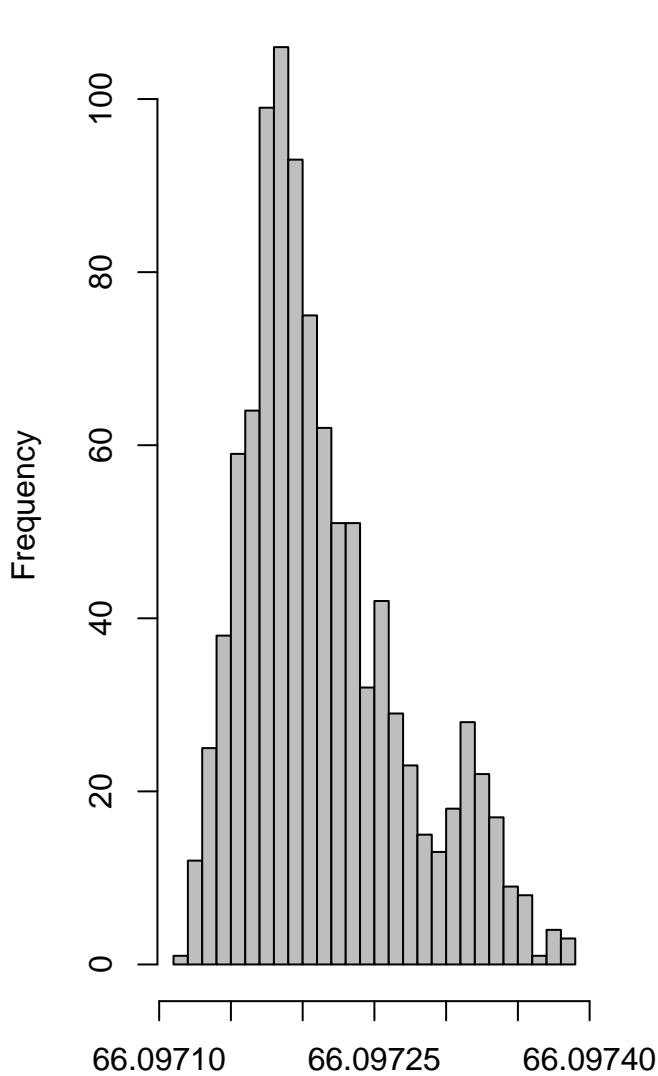
Standardized effect size = 1.702





Observed log-likelihood = 66.097 ; P-value = 0.74

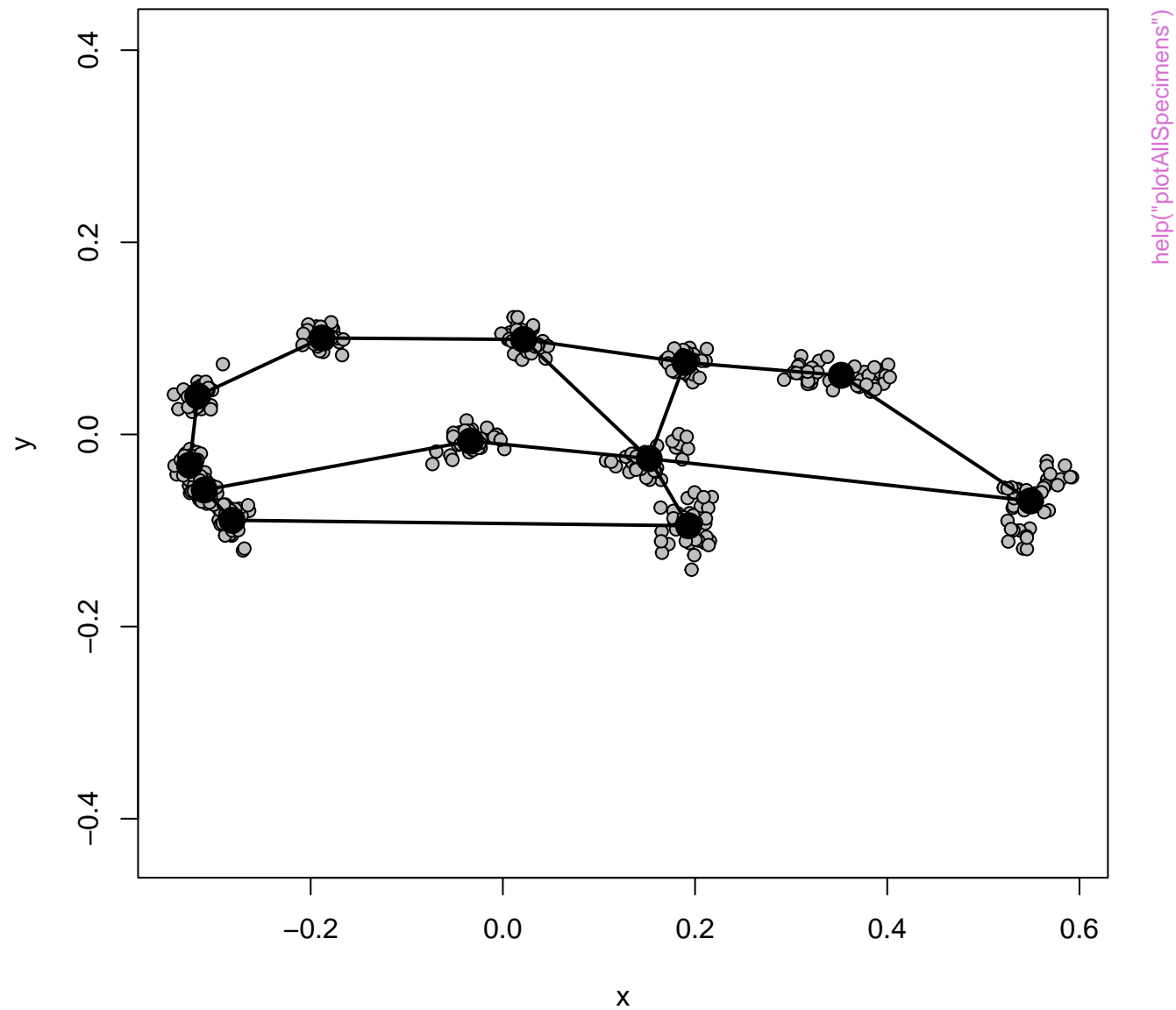
Standardized effect size = -0.699



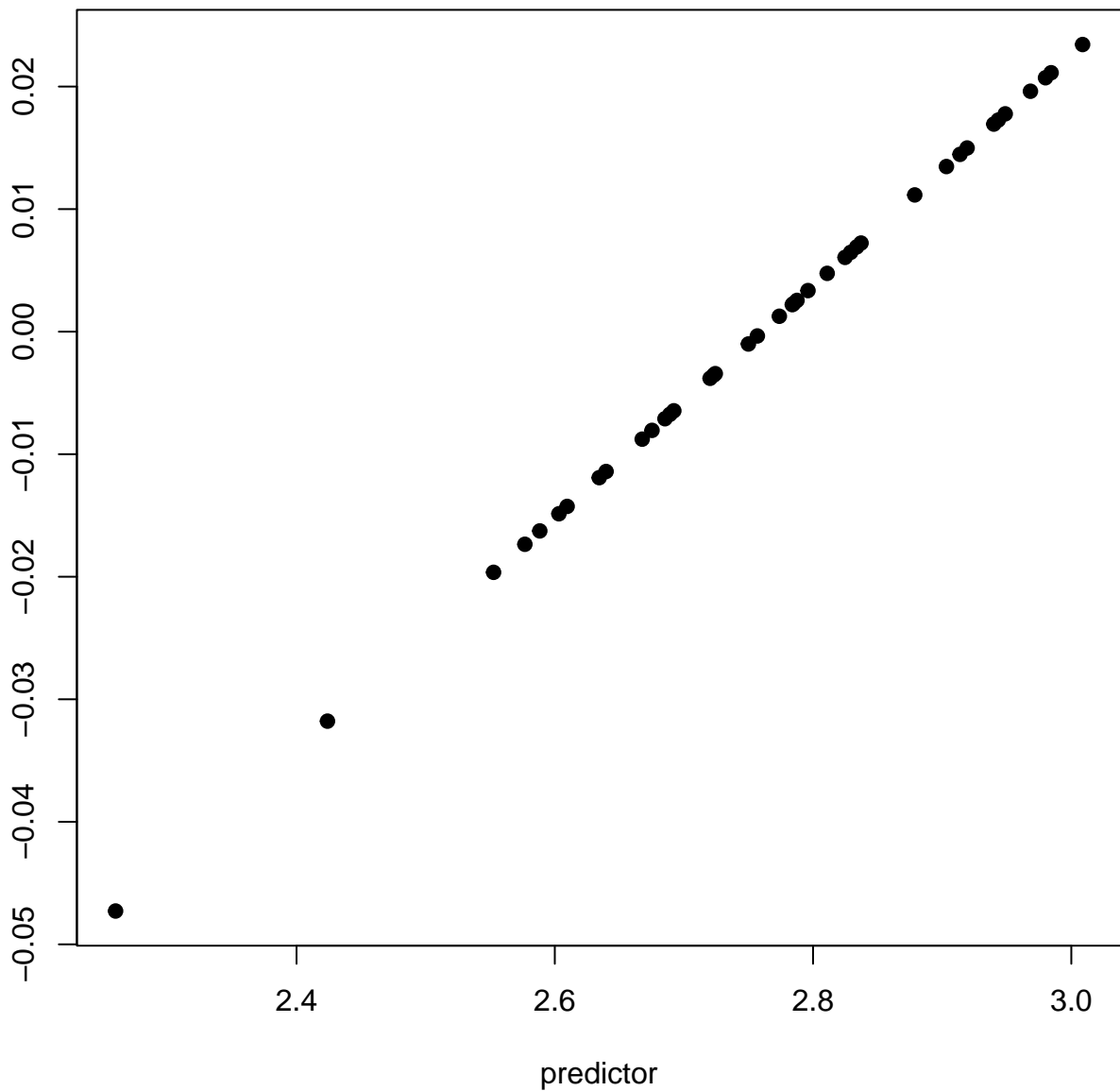
log-likelihoods: 1000 RRPP permutations

Standardized values



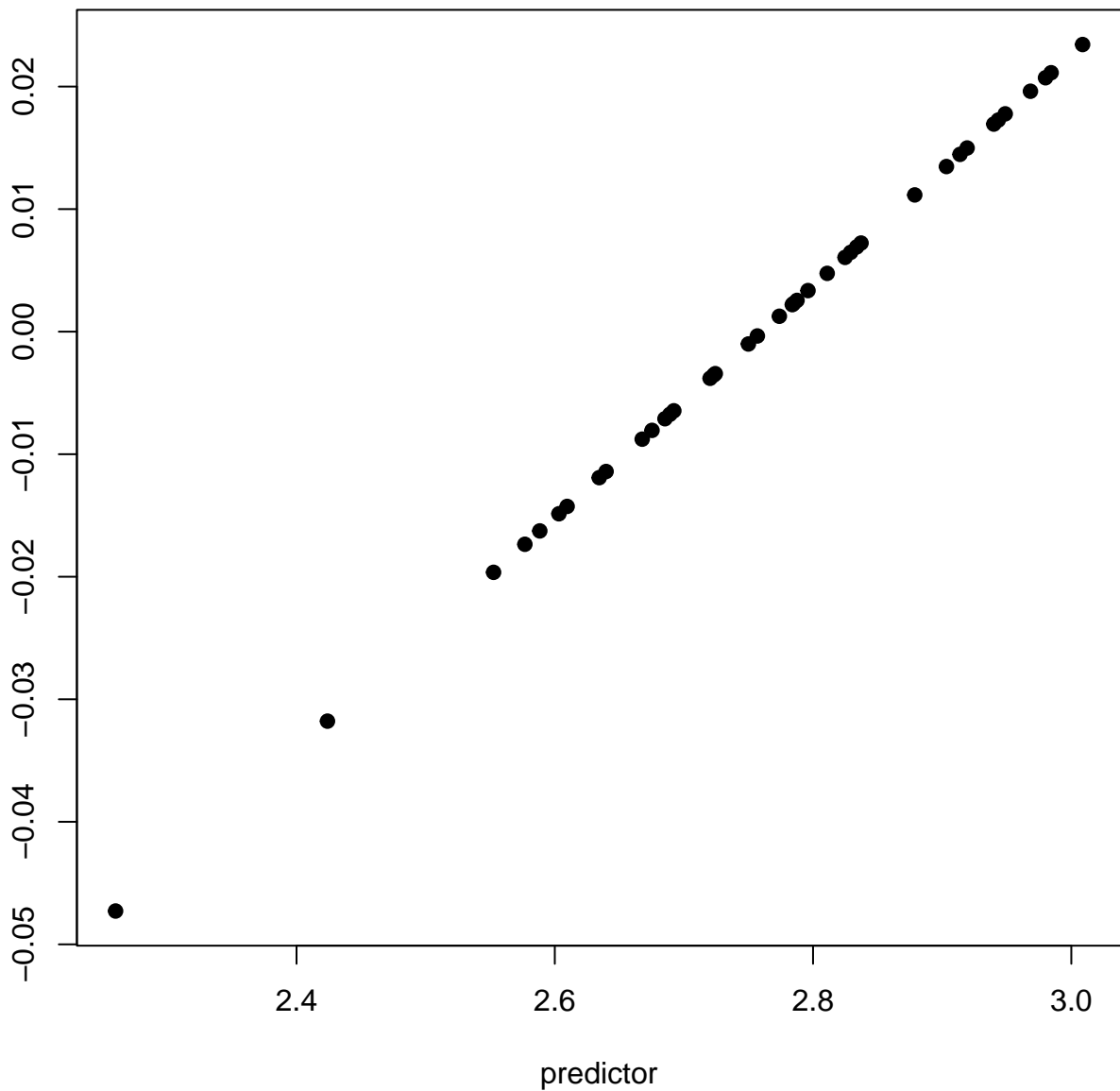


PC 1 for fitted values



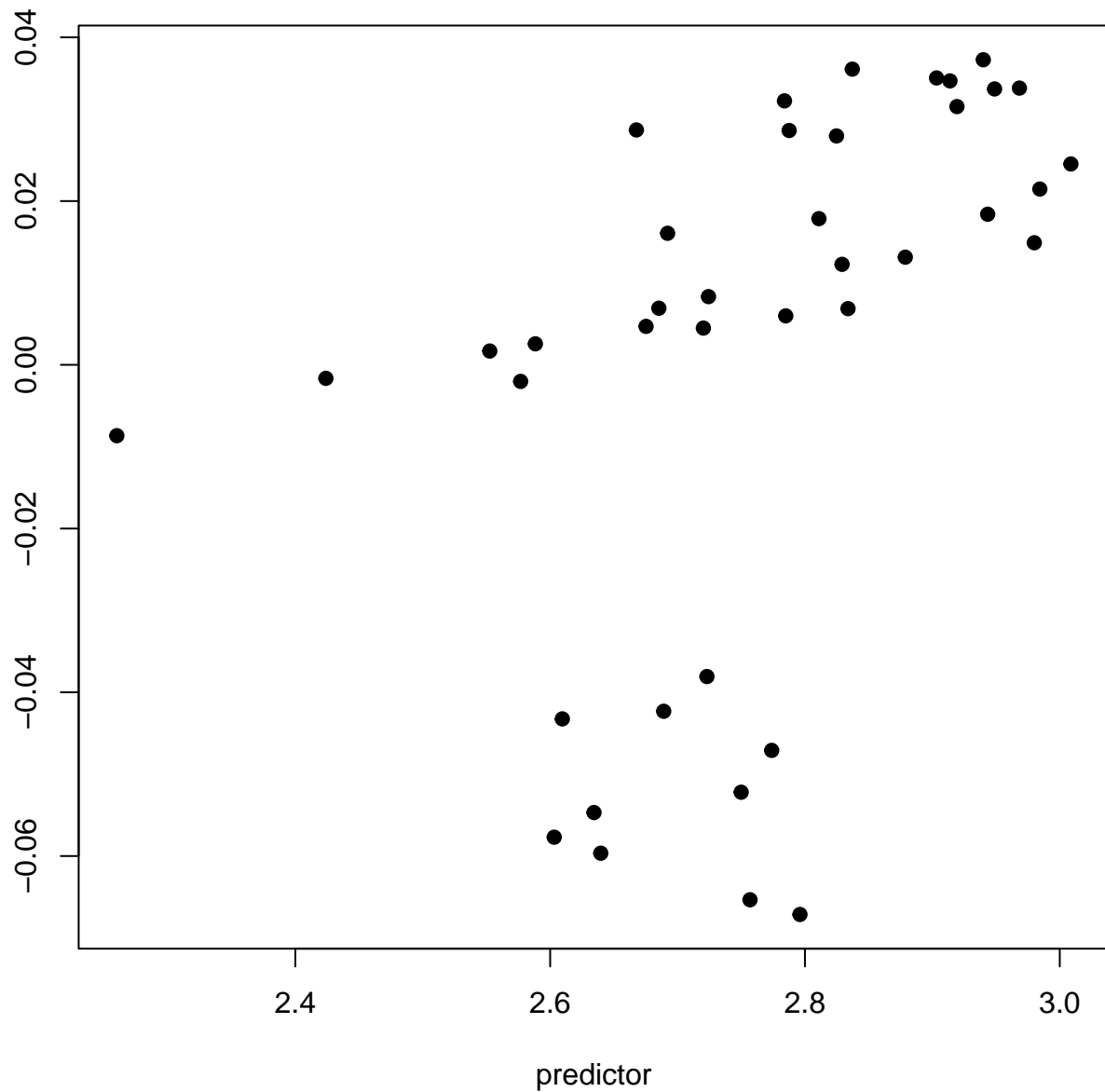
[help\("plotAllometry"\)](#)

PC 1 for fitted values



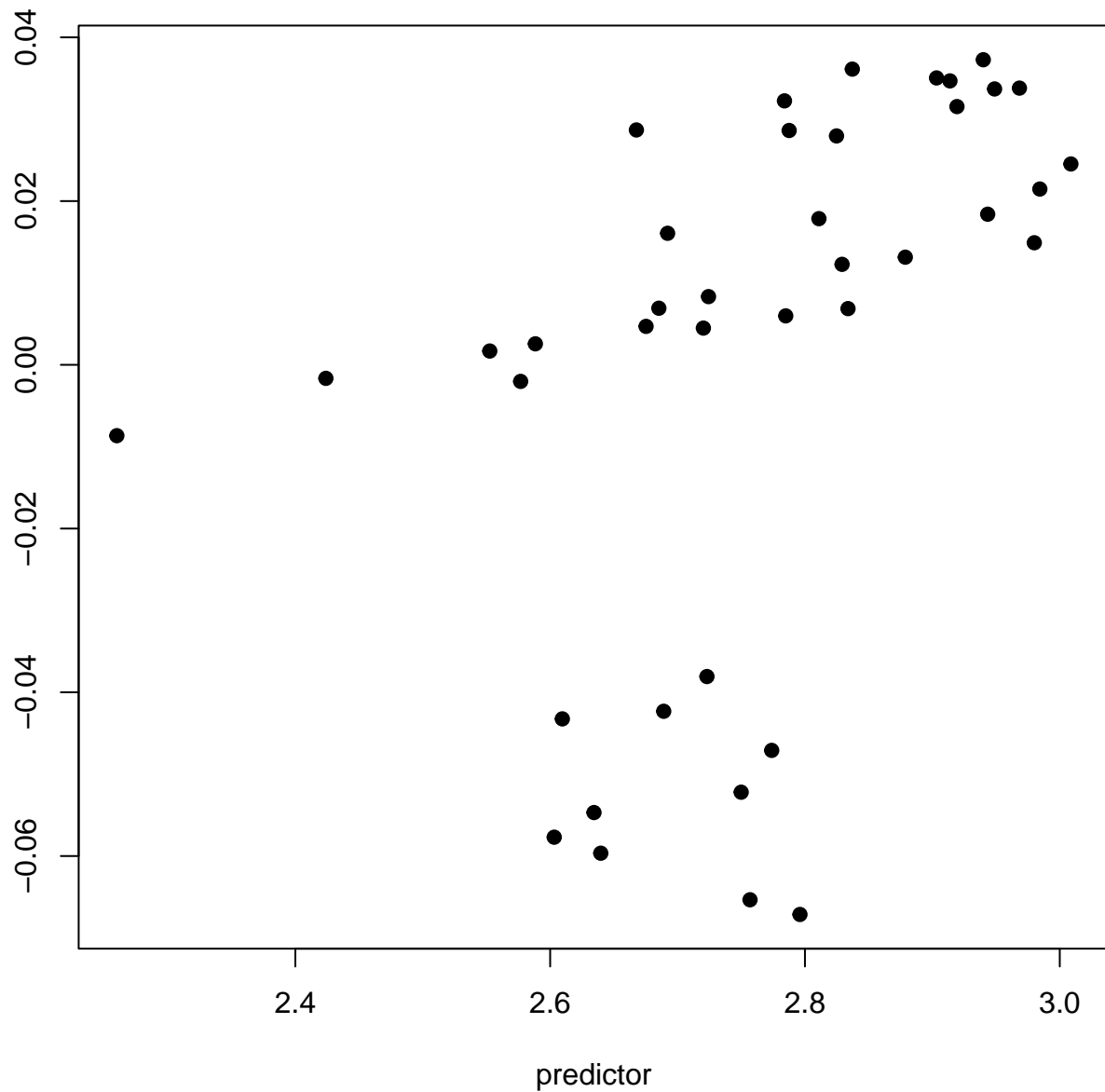
[help\("plotAllometry"\)](#)

Regression Score

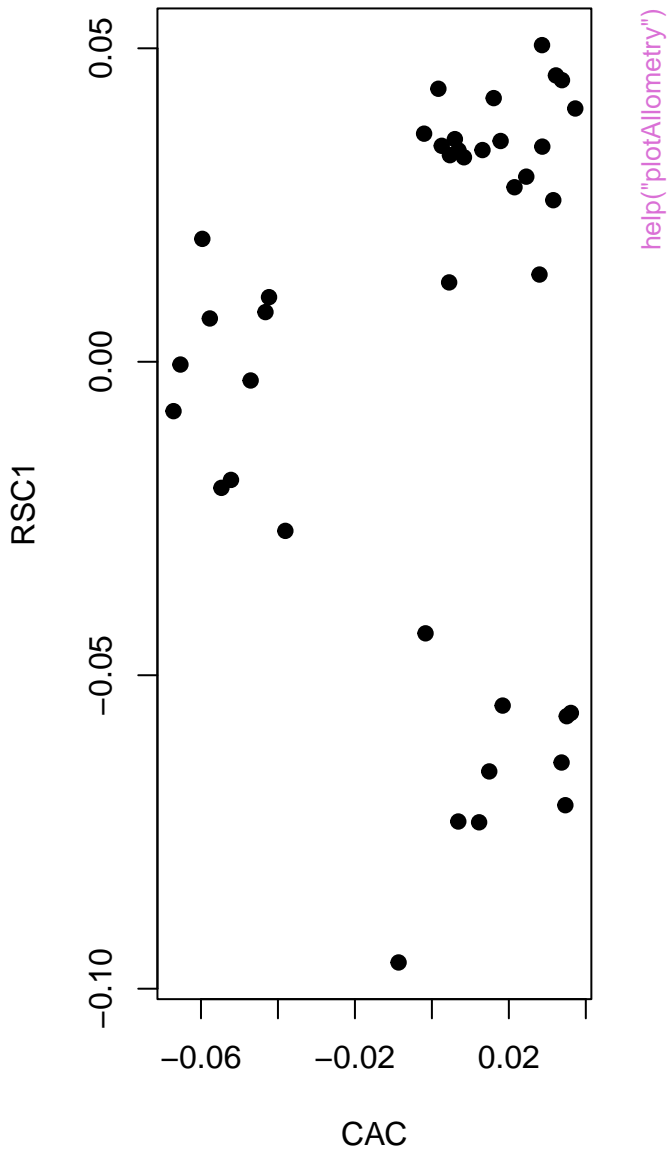
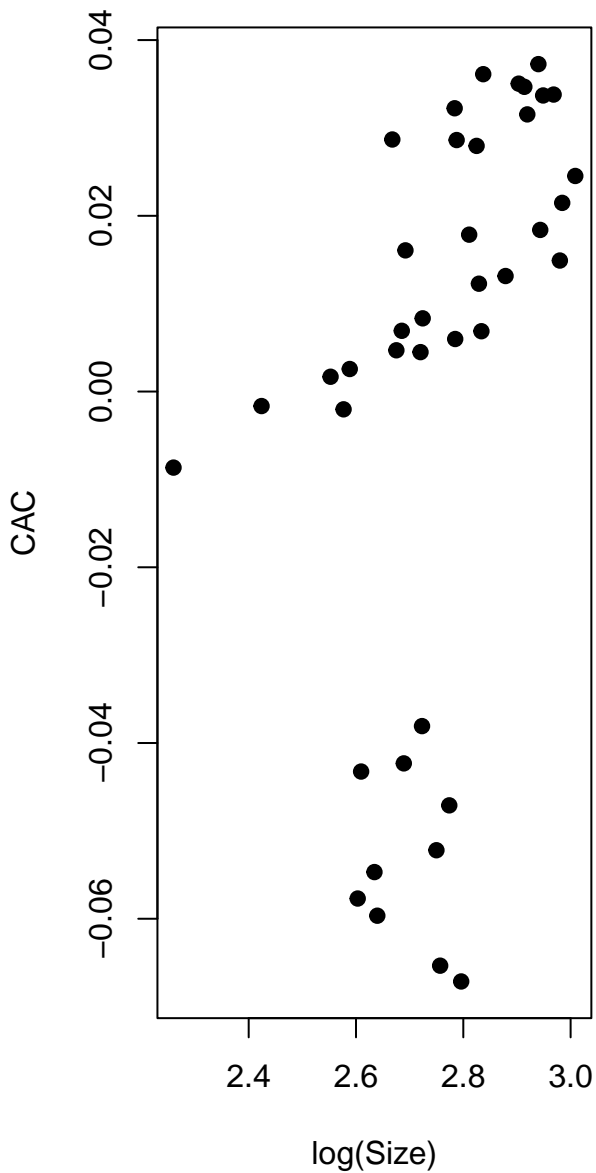


[help\("plotAllometry"\)](#)

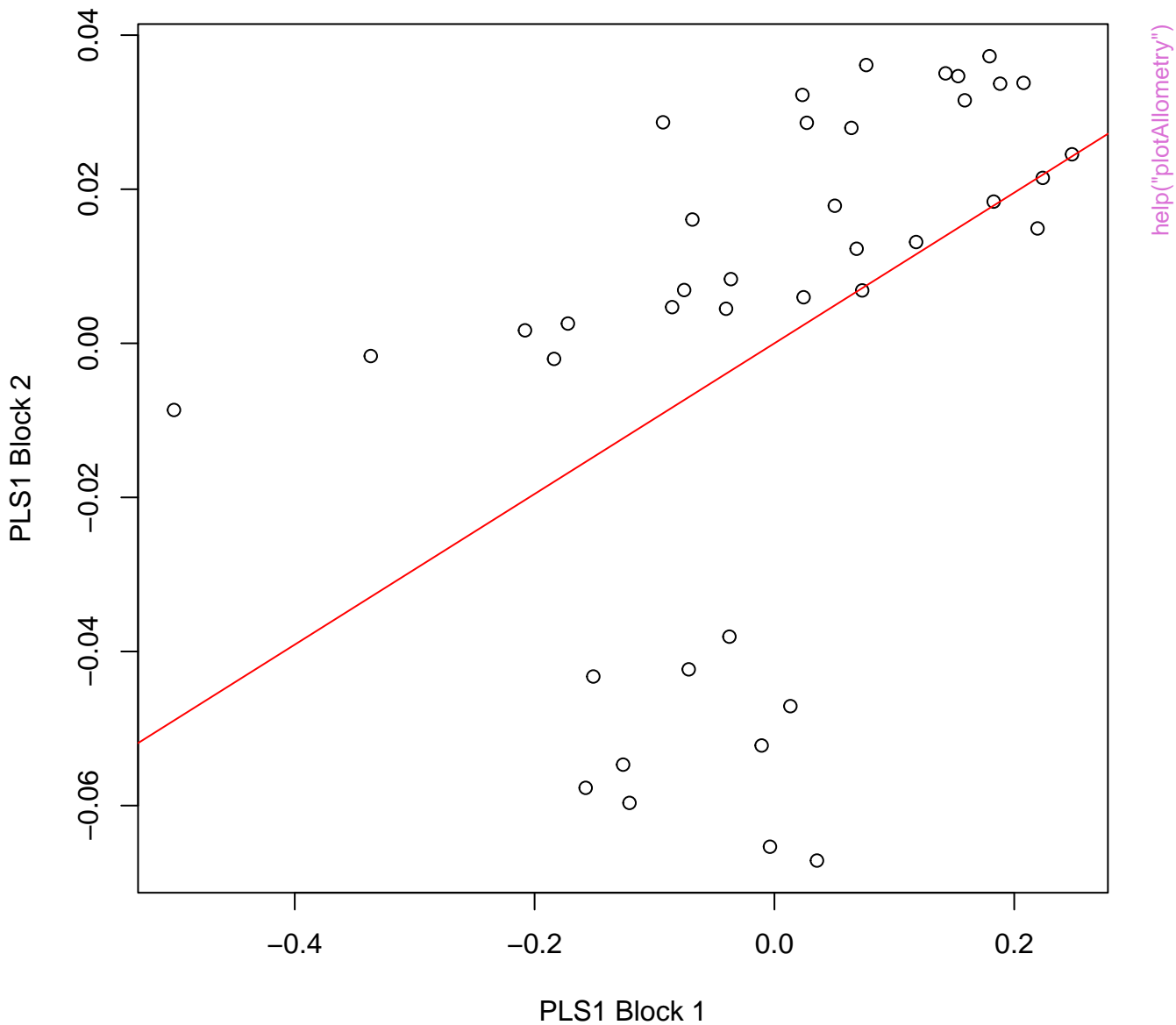
Regression Score

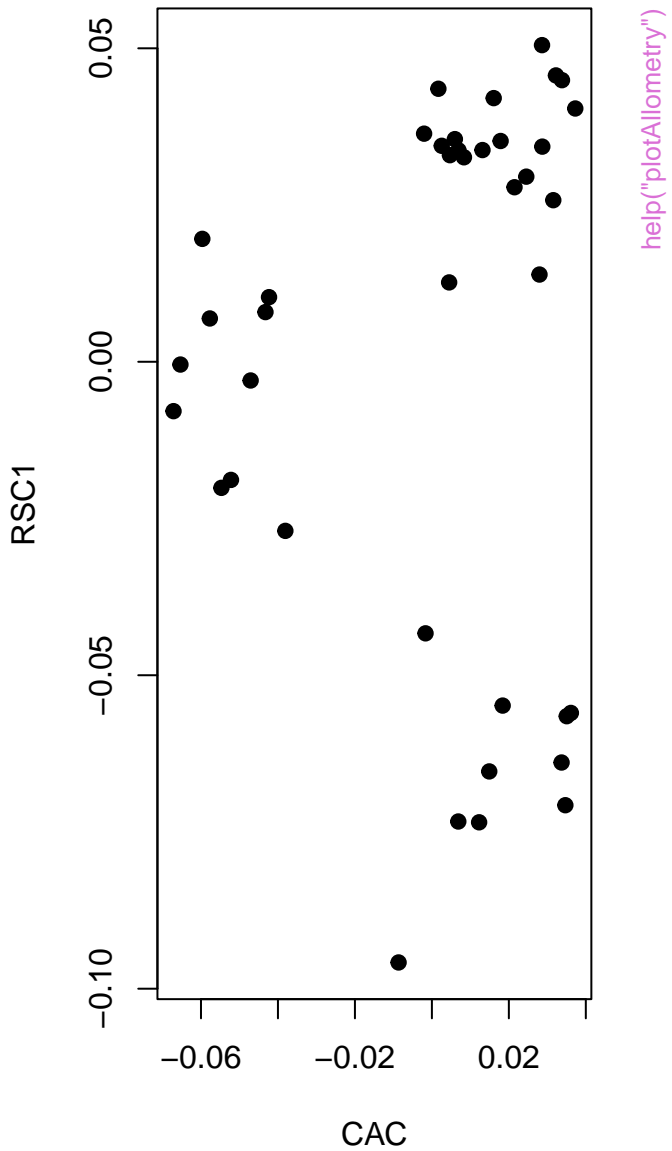
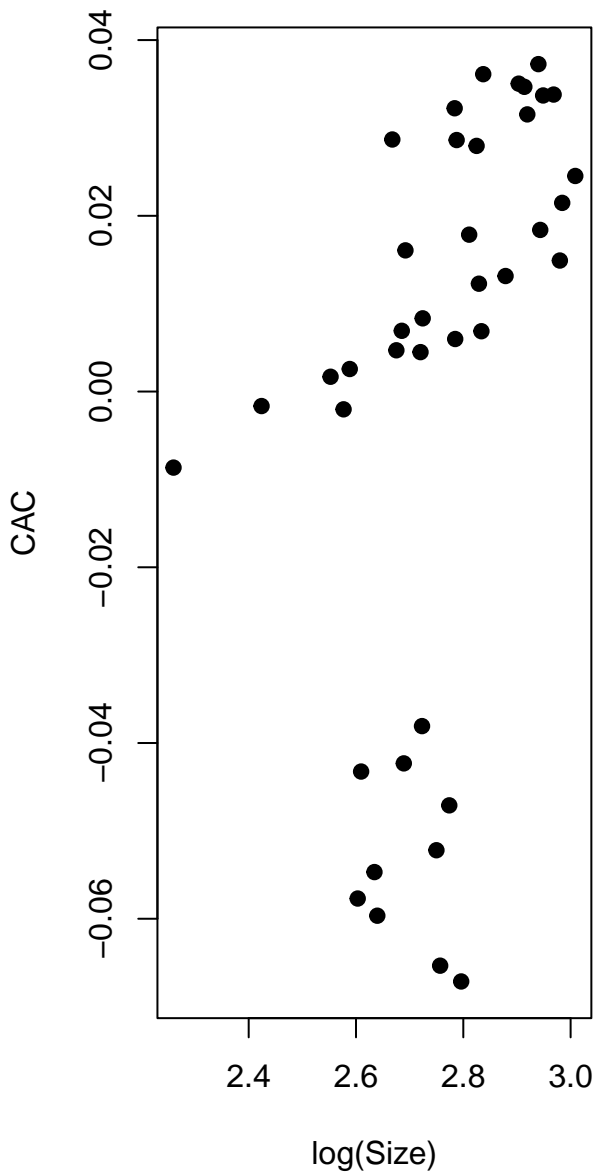


[help\("plotAllometry"\)](#)



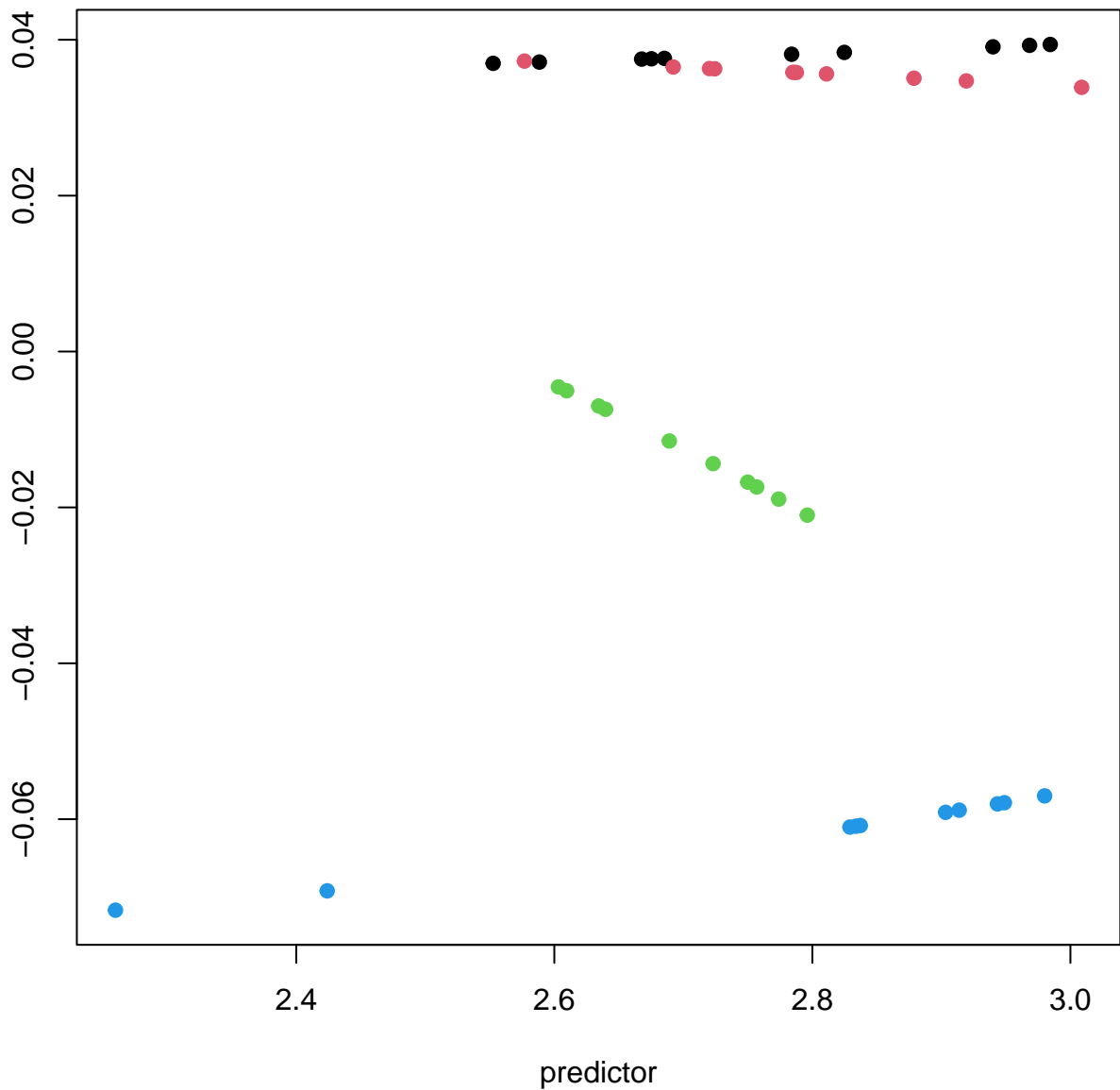
**PLS1 Plot: Block 1 (X) vs. Block 2 (Y)**



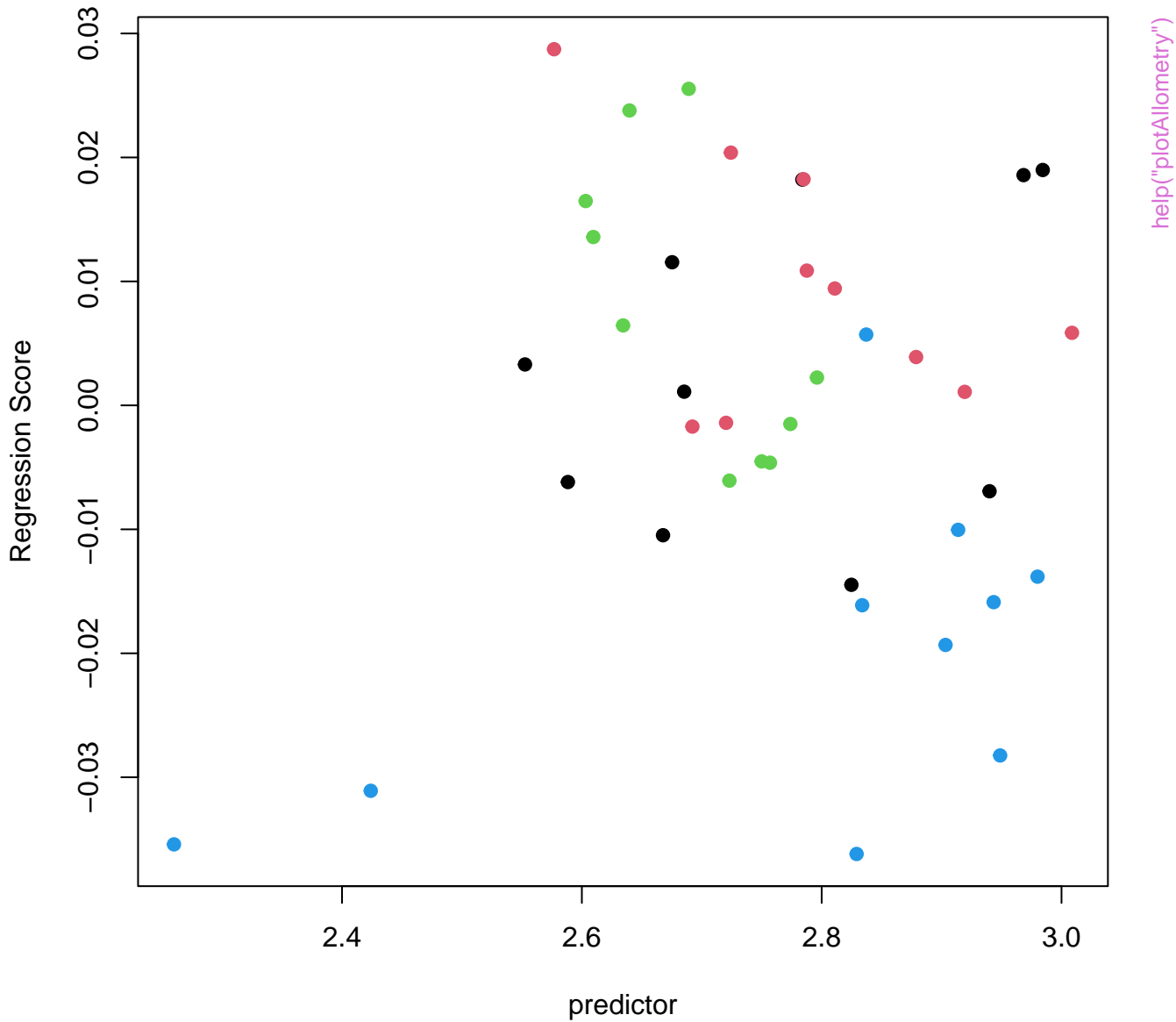




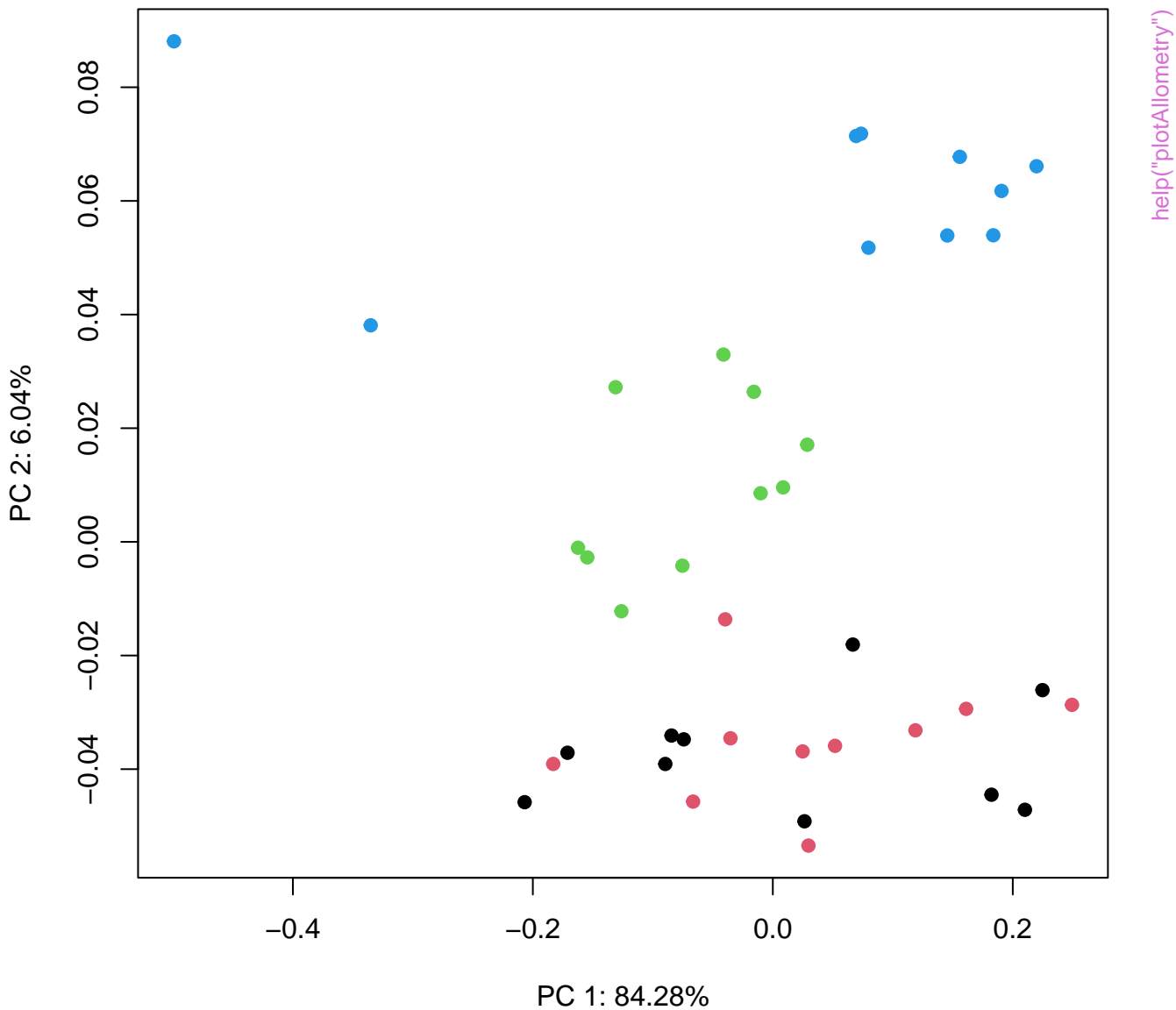
PC 1 for fitted values

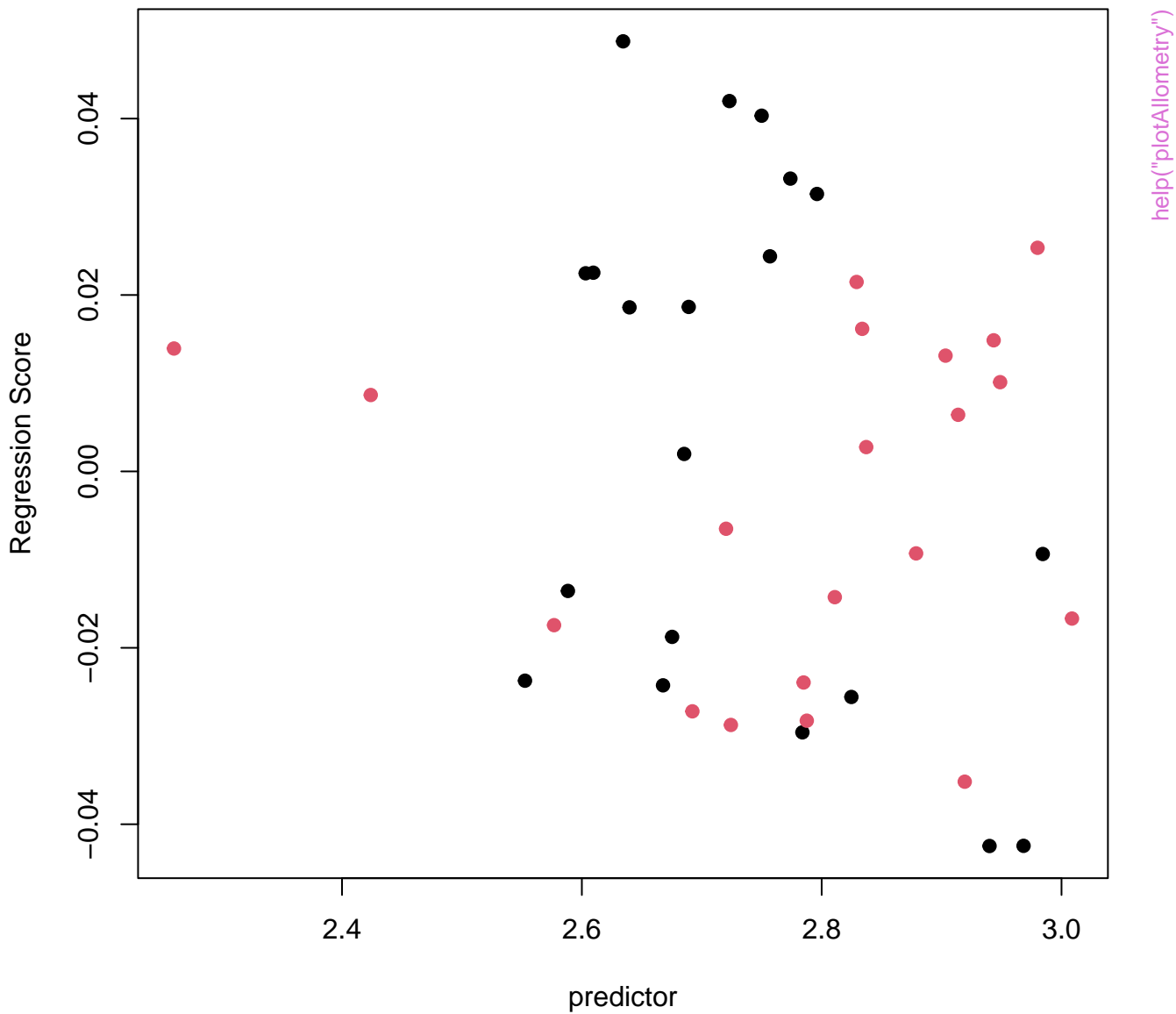


help("plotAllometry")

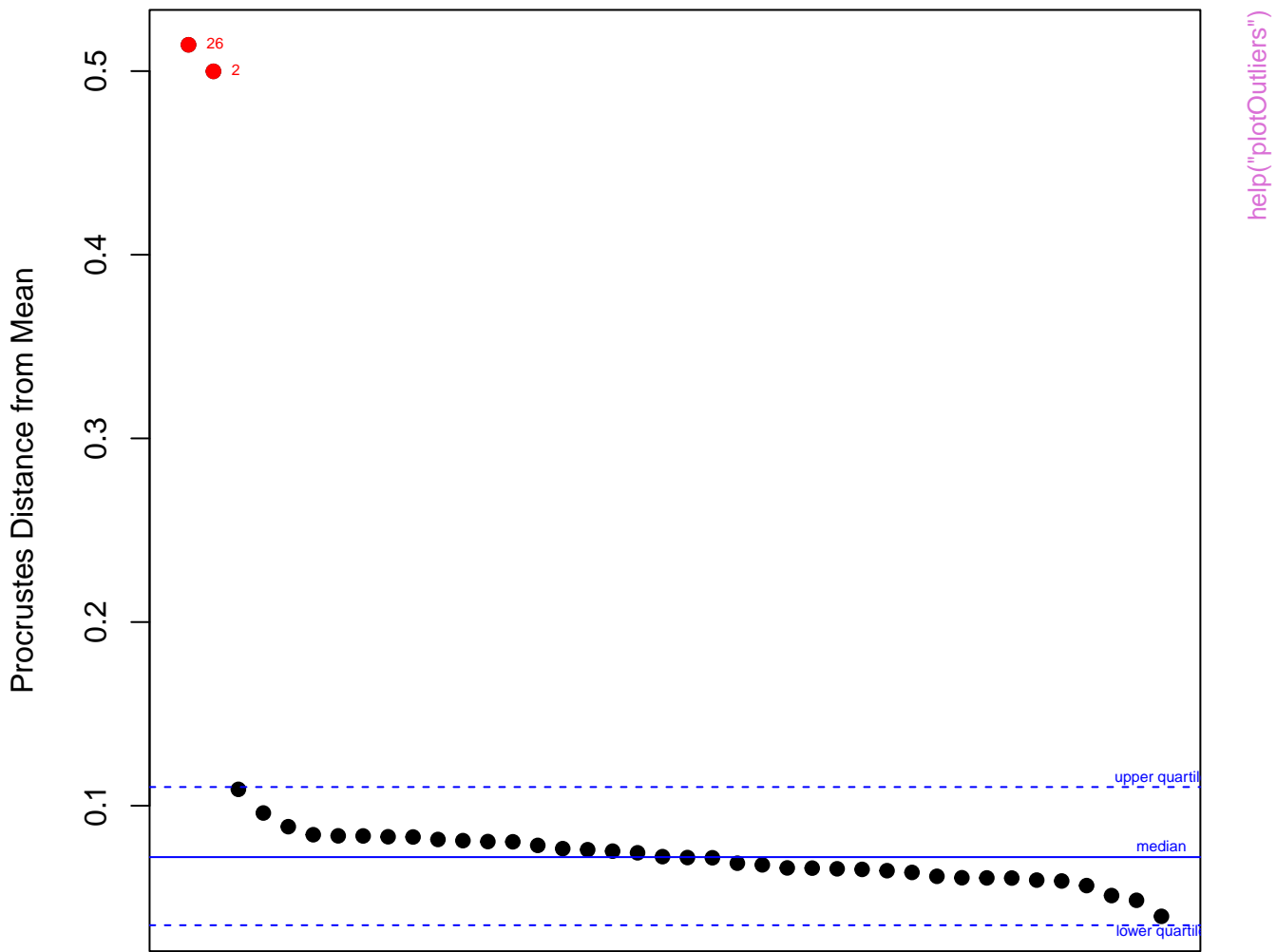


Size-Shape PC plot

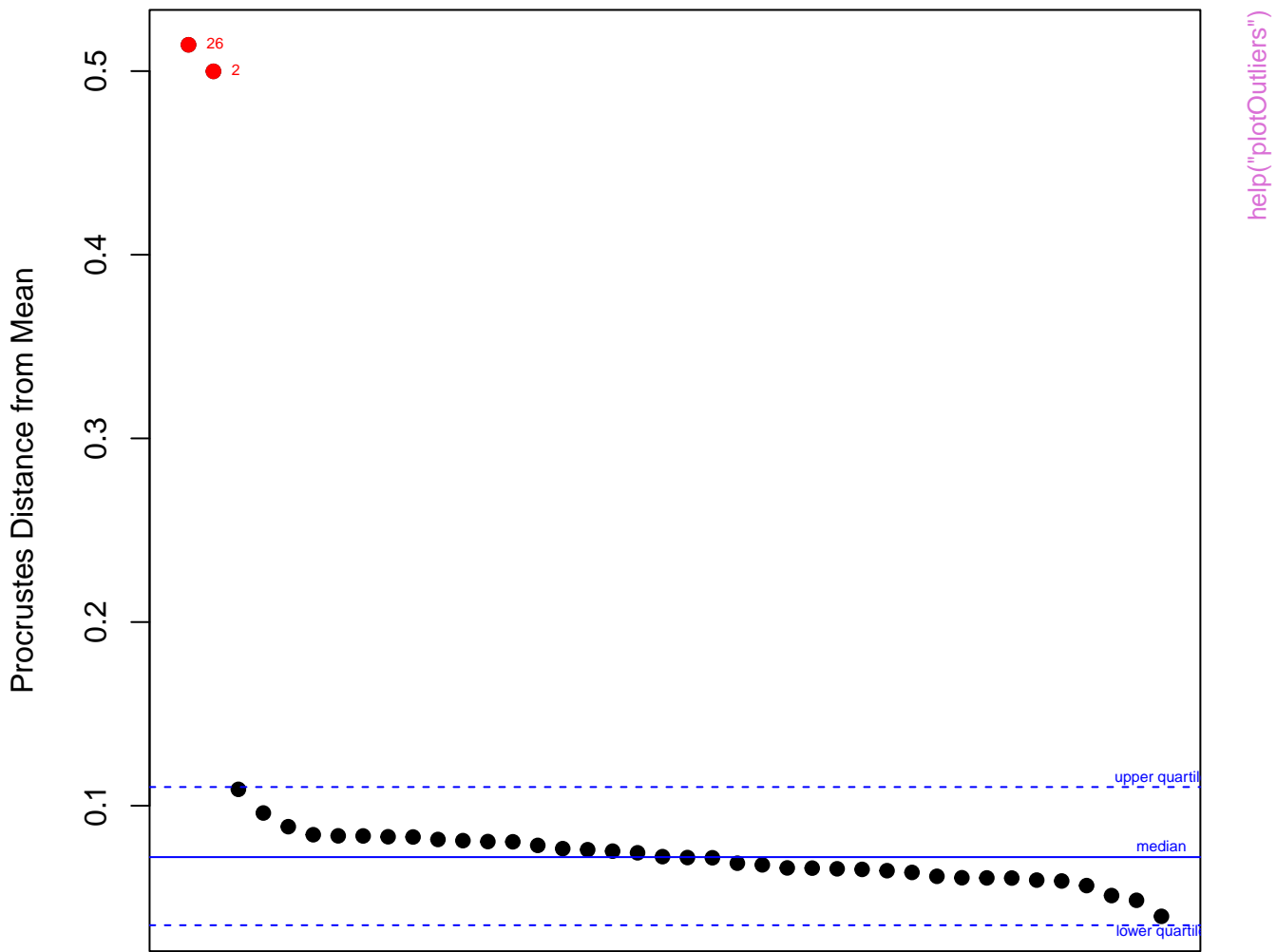




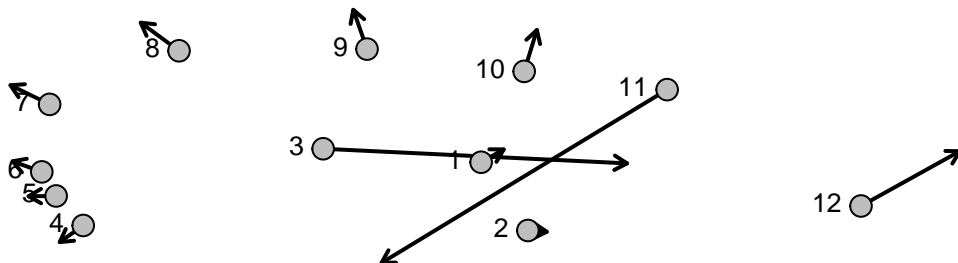
# All Specimens



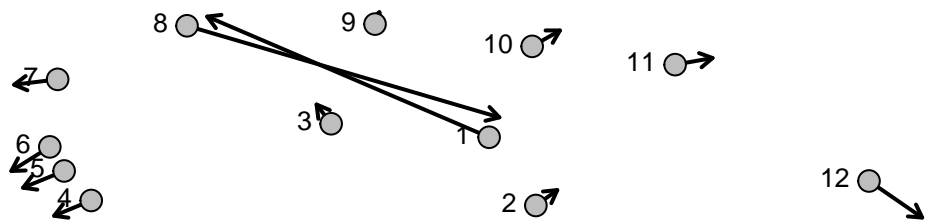
# All Specimens



group: All Specimens, specimen: 26

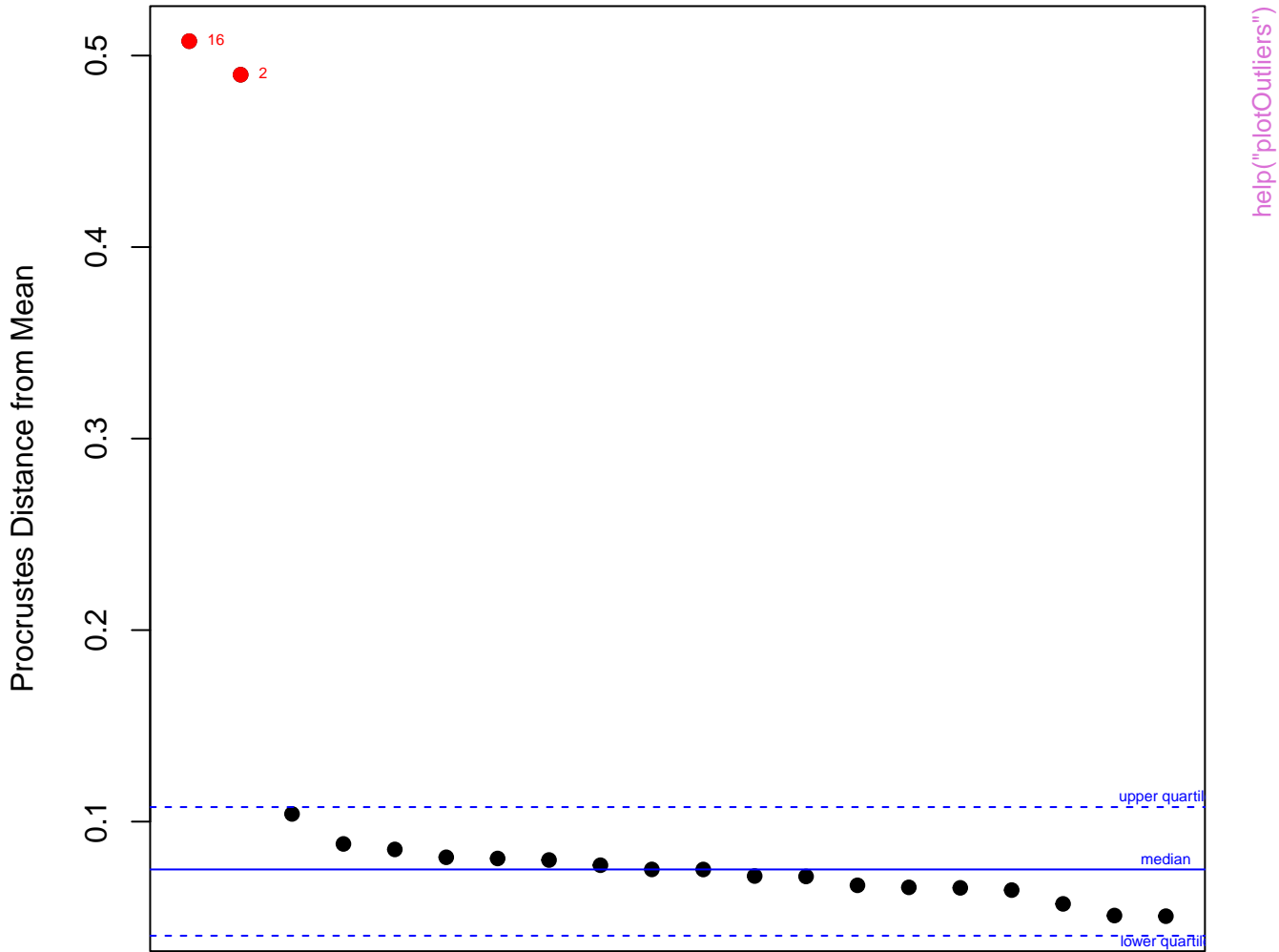


group: All Specimens, specimen: 2

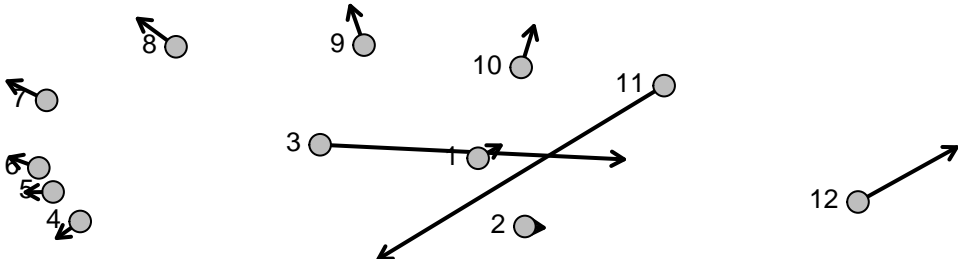




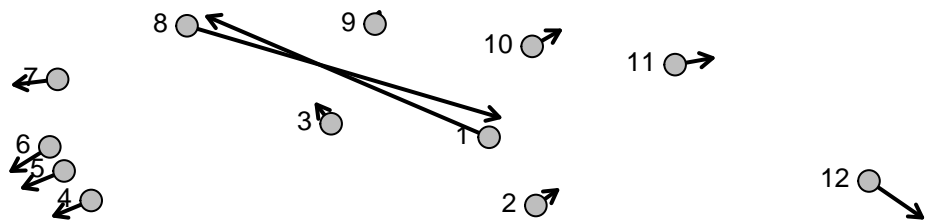
# Jord



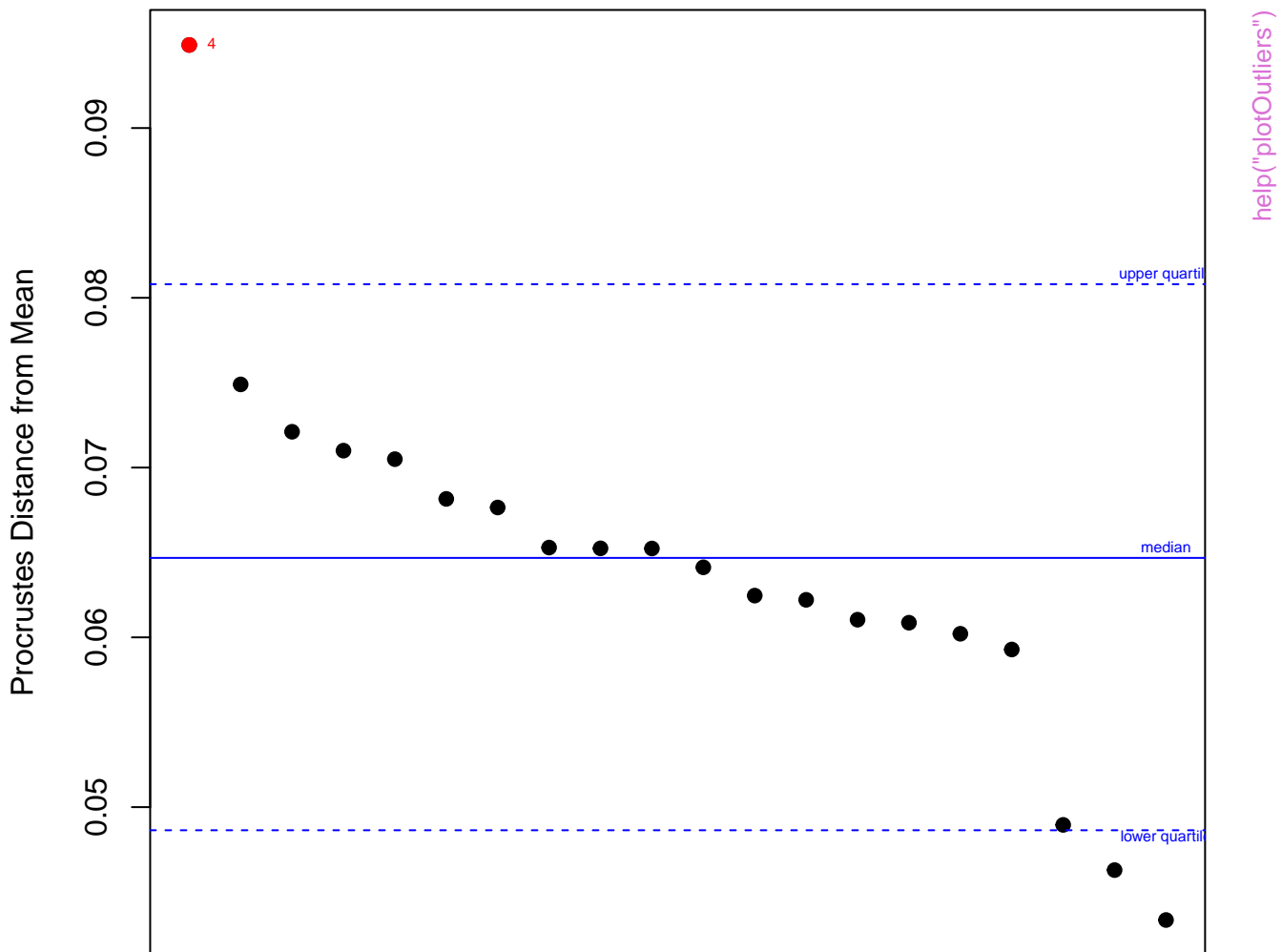
group: Jord, specimen: 16



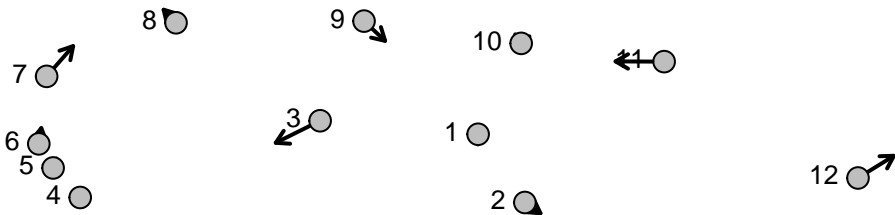
group: Jord, specimen: 2



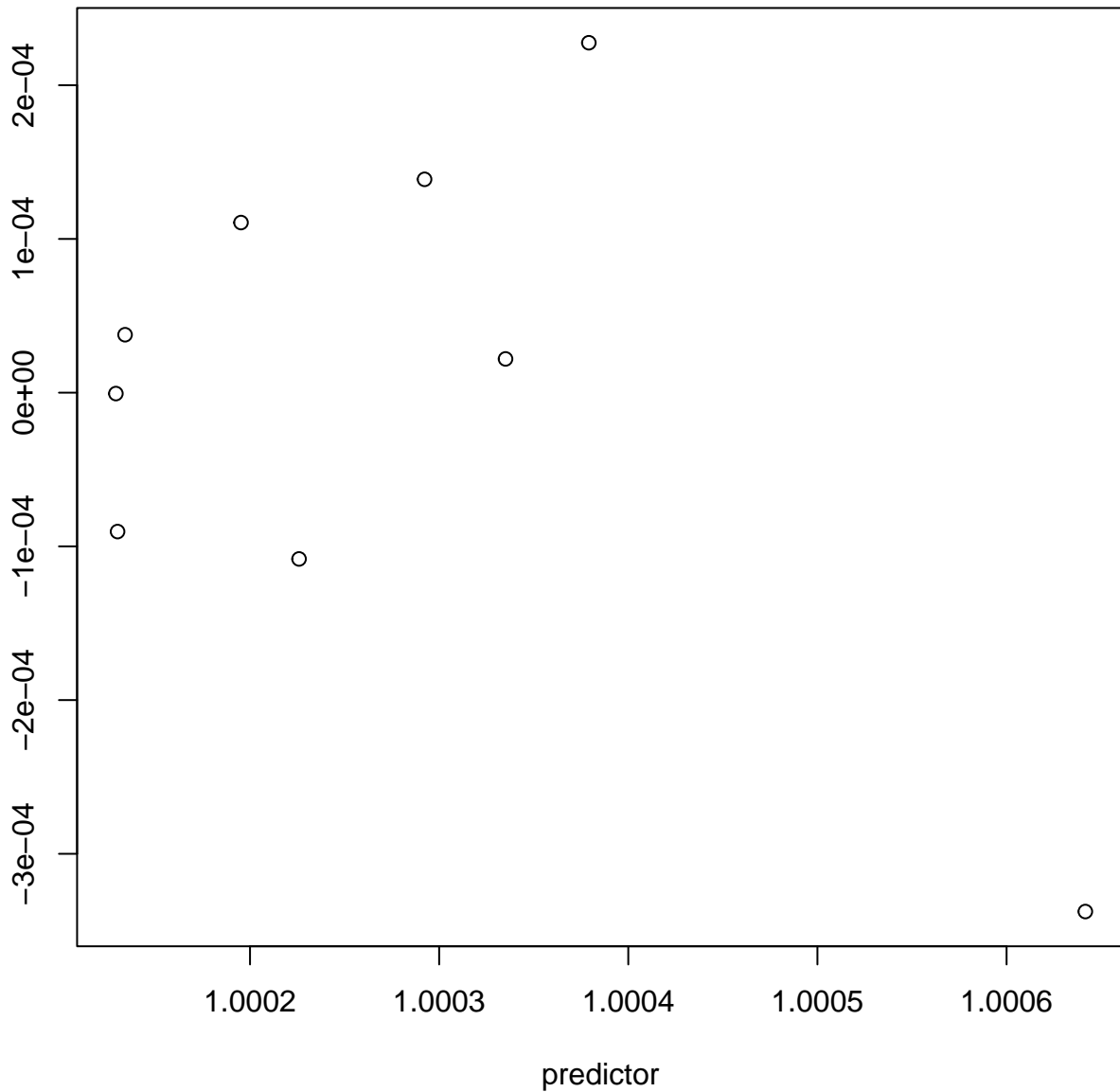
# Teyah



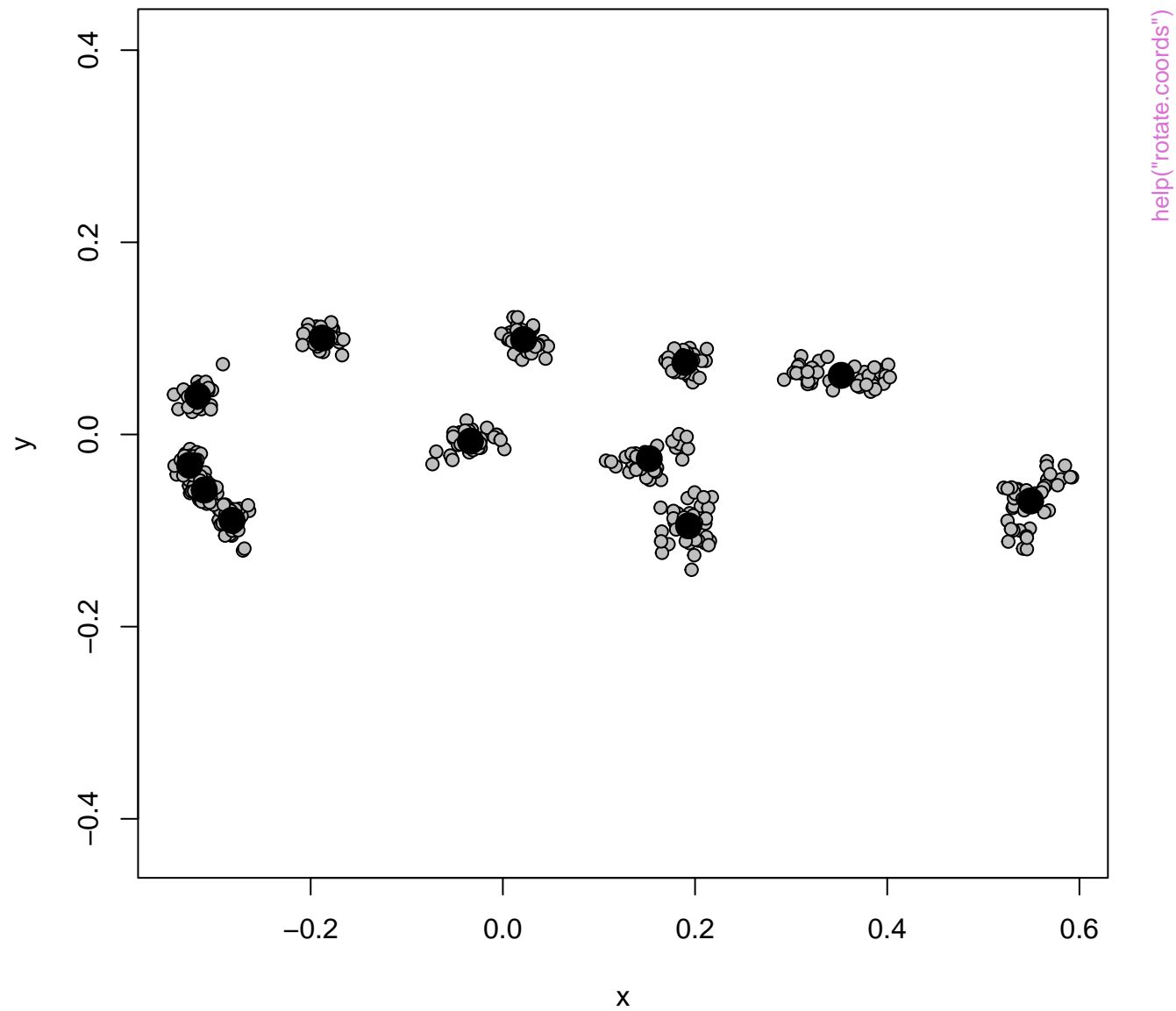
group: Teyah, specimen: 4

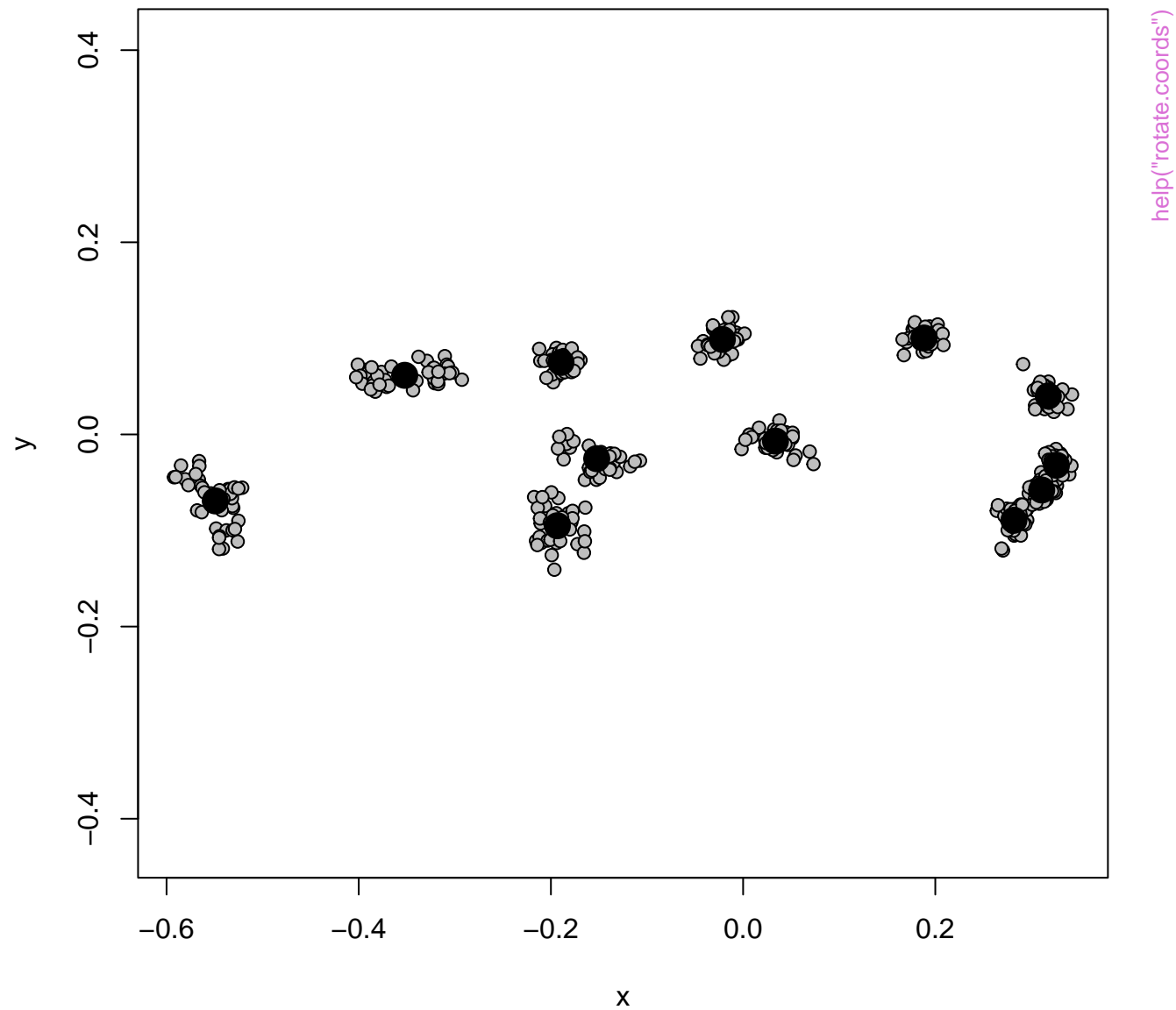


Regression Score

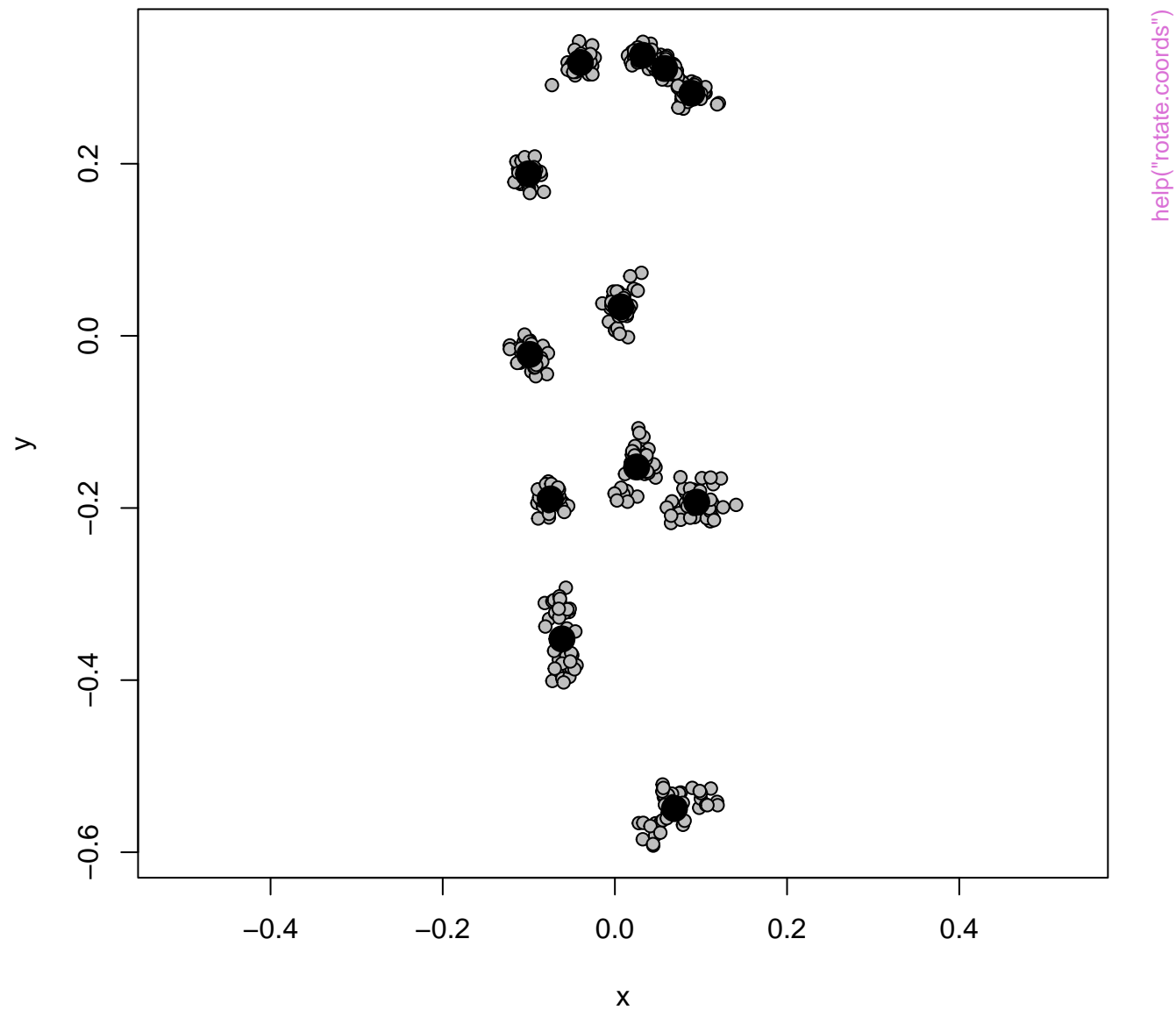


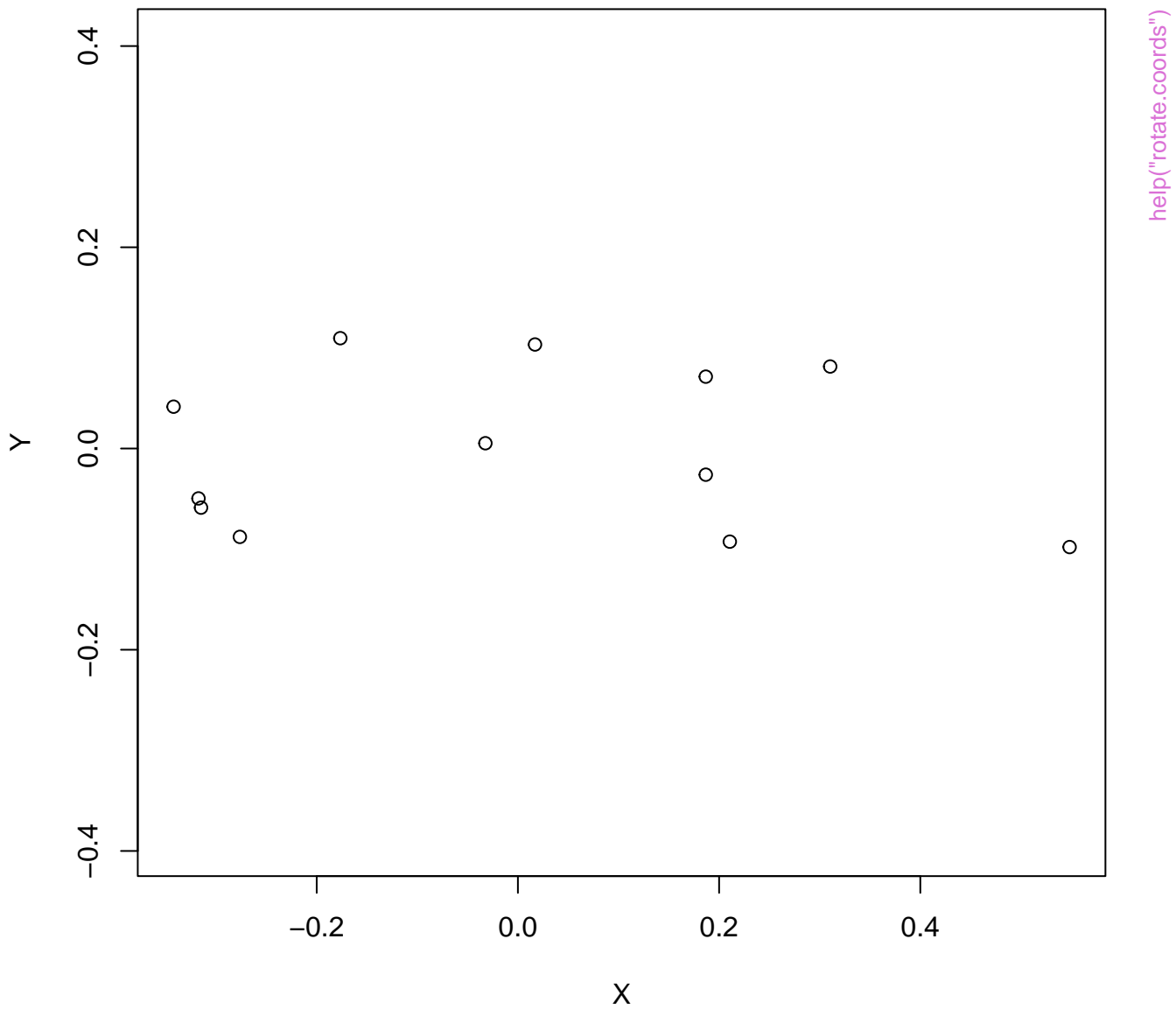
help("procD.pgls")

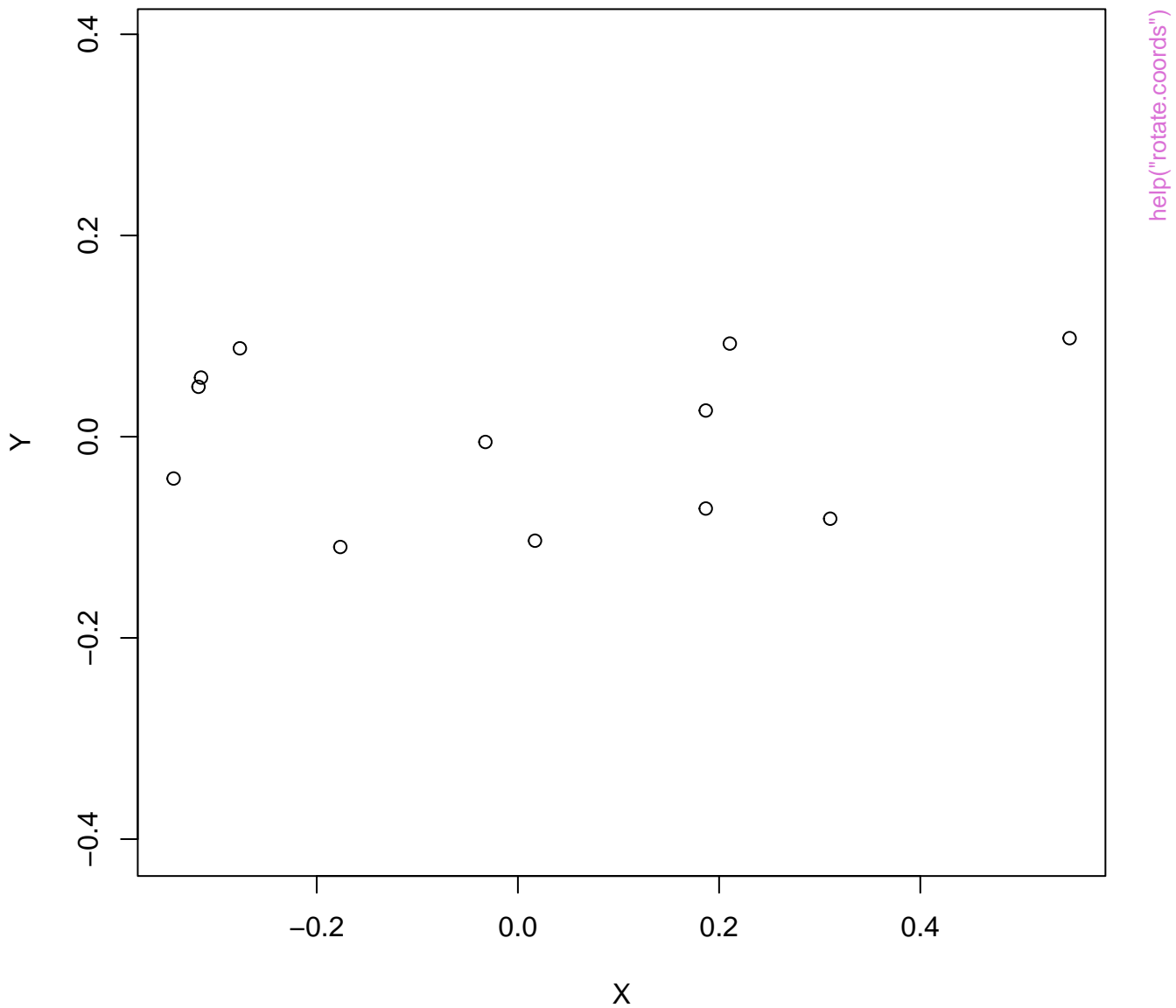


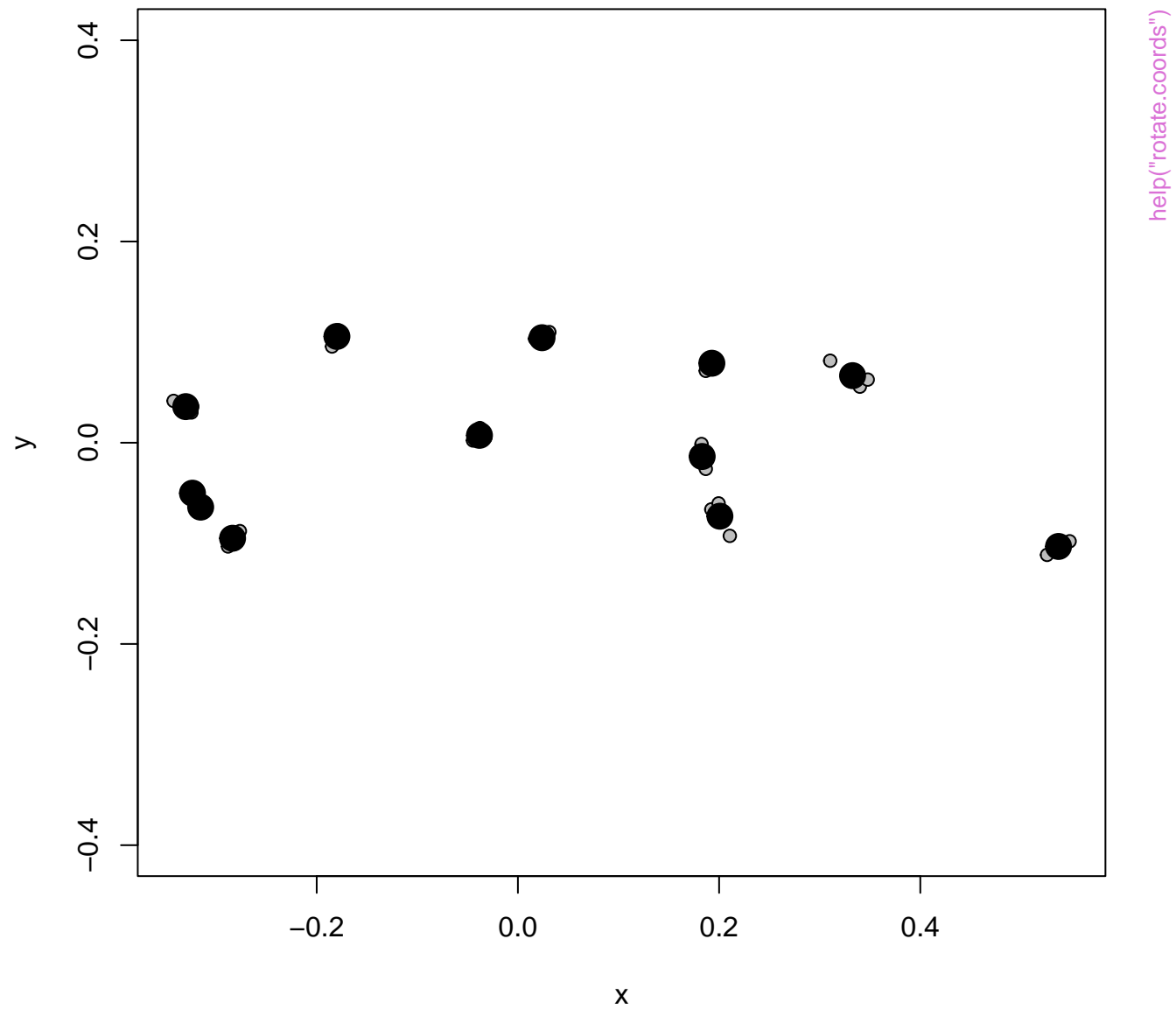


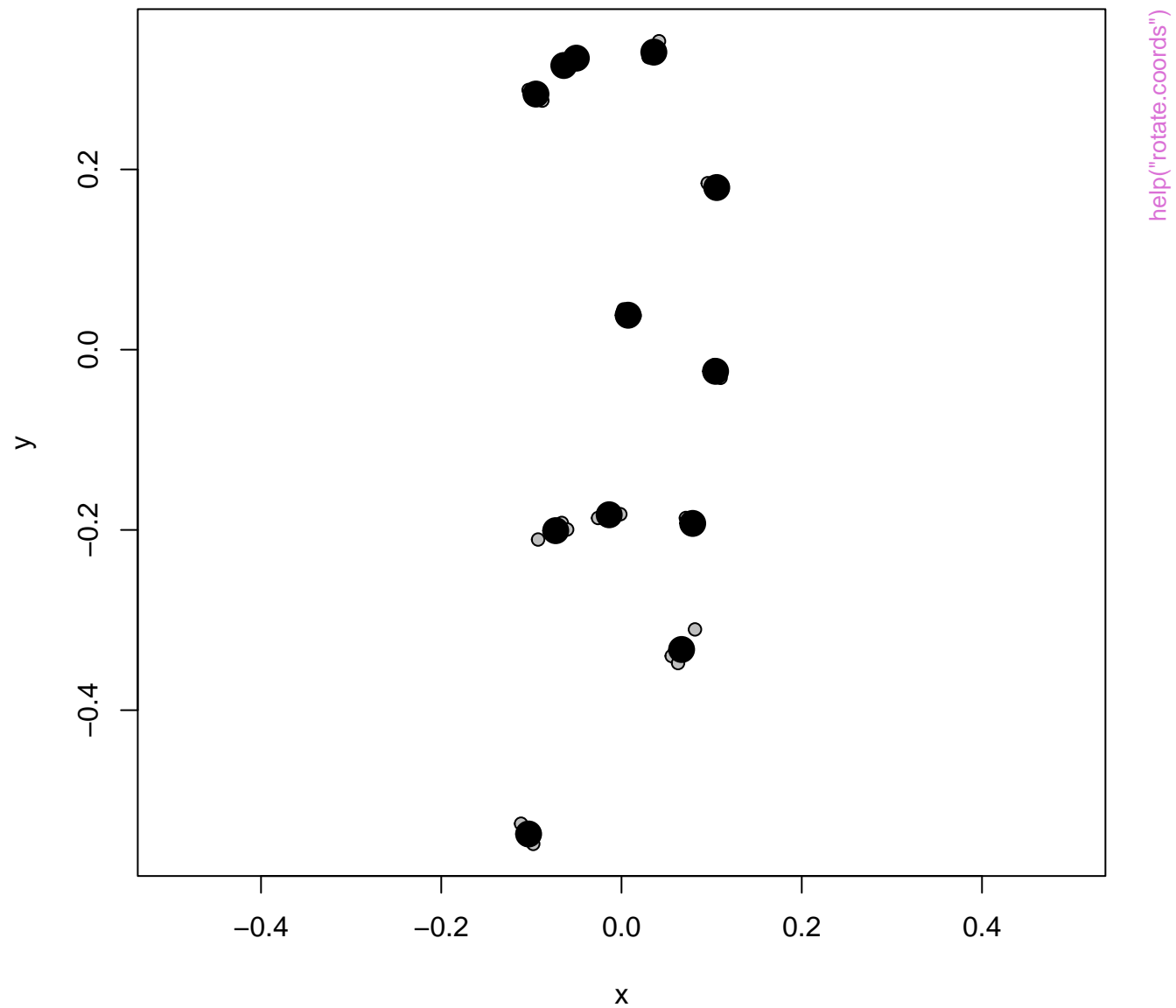




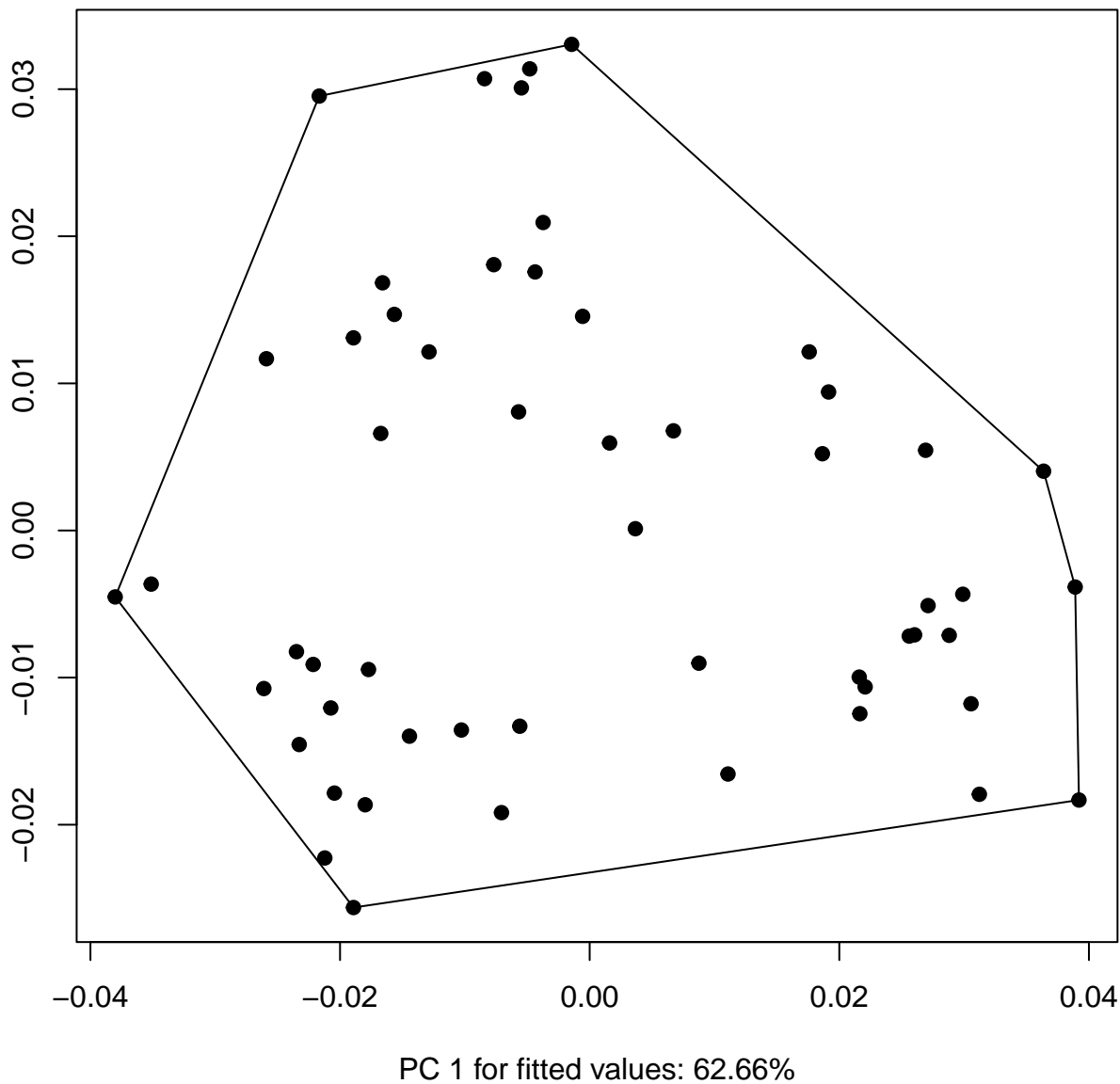






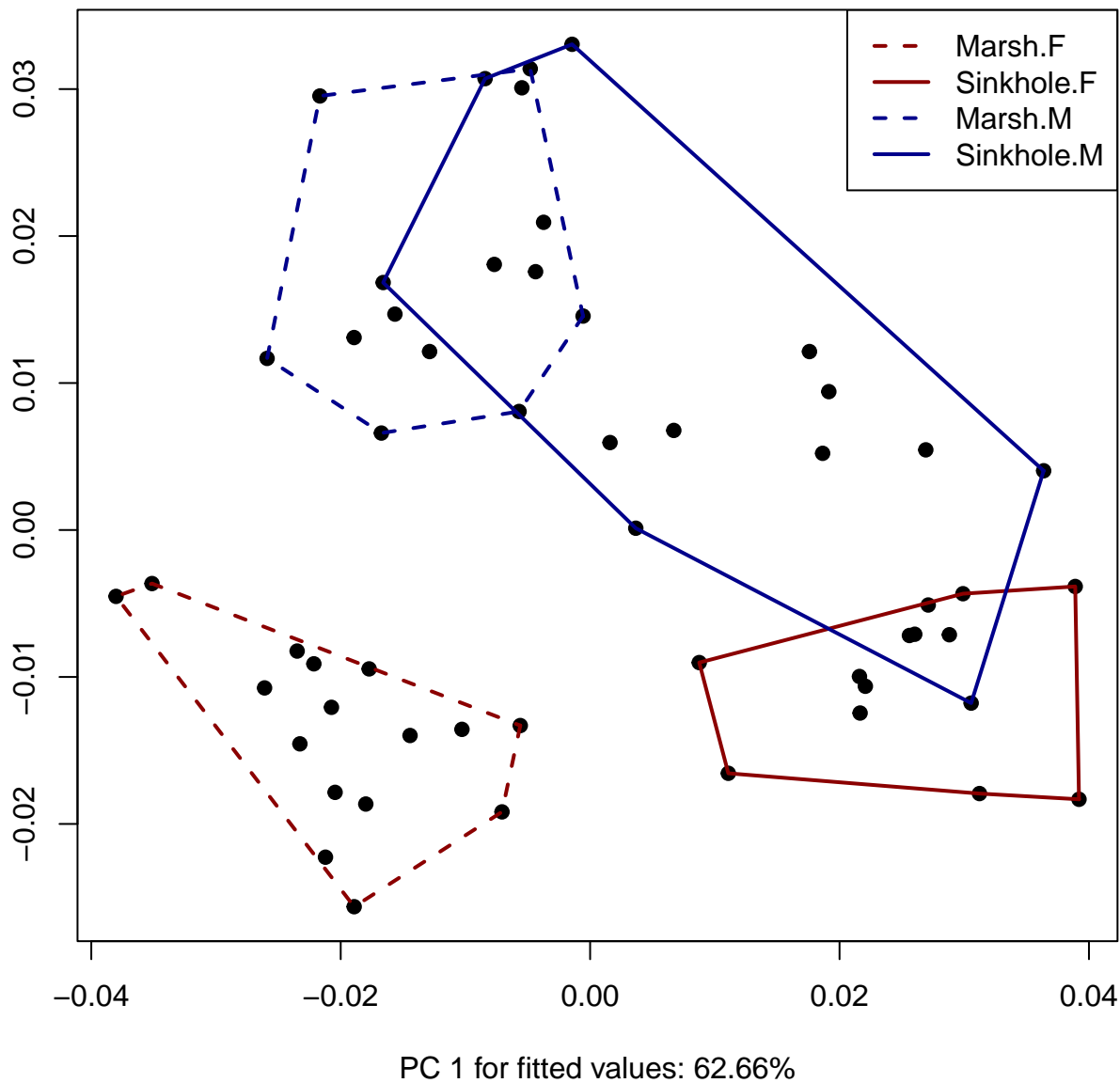


PC 2 for fitted values: 32.92%



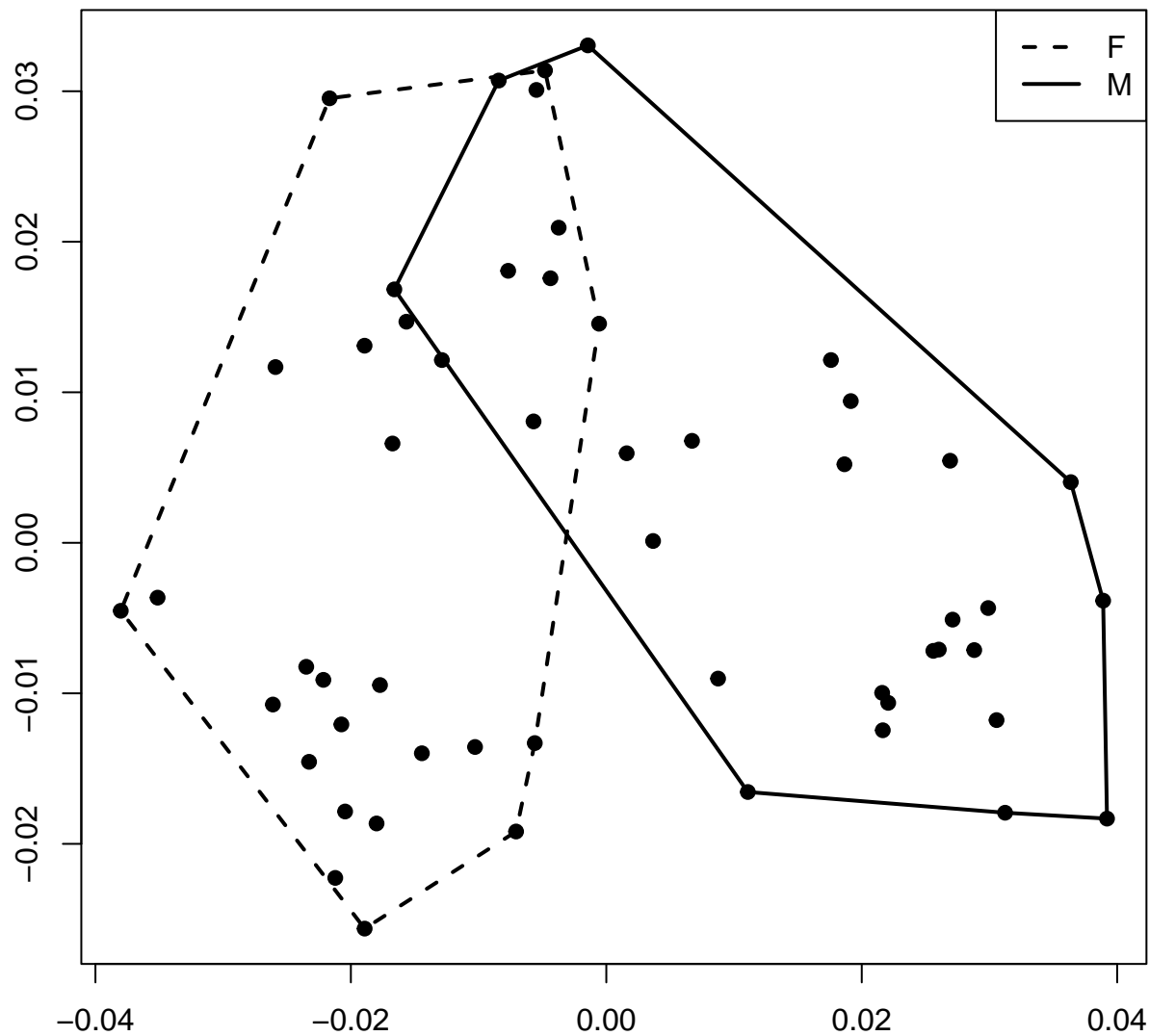
help("shapeHulls")

PC 2 for fitted values: 32.92%



help("shapeHulls")

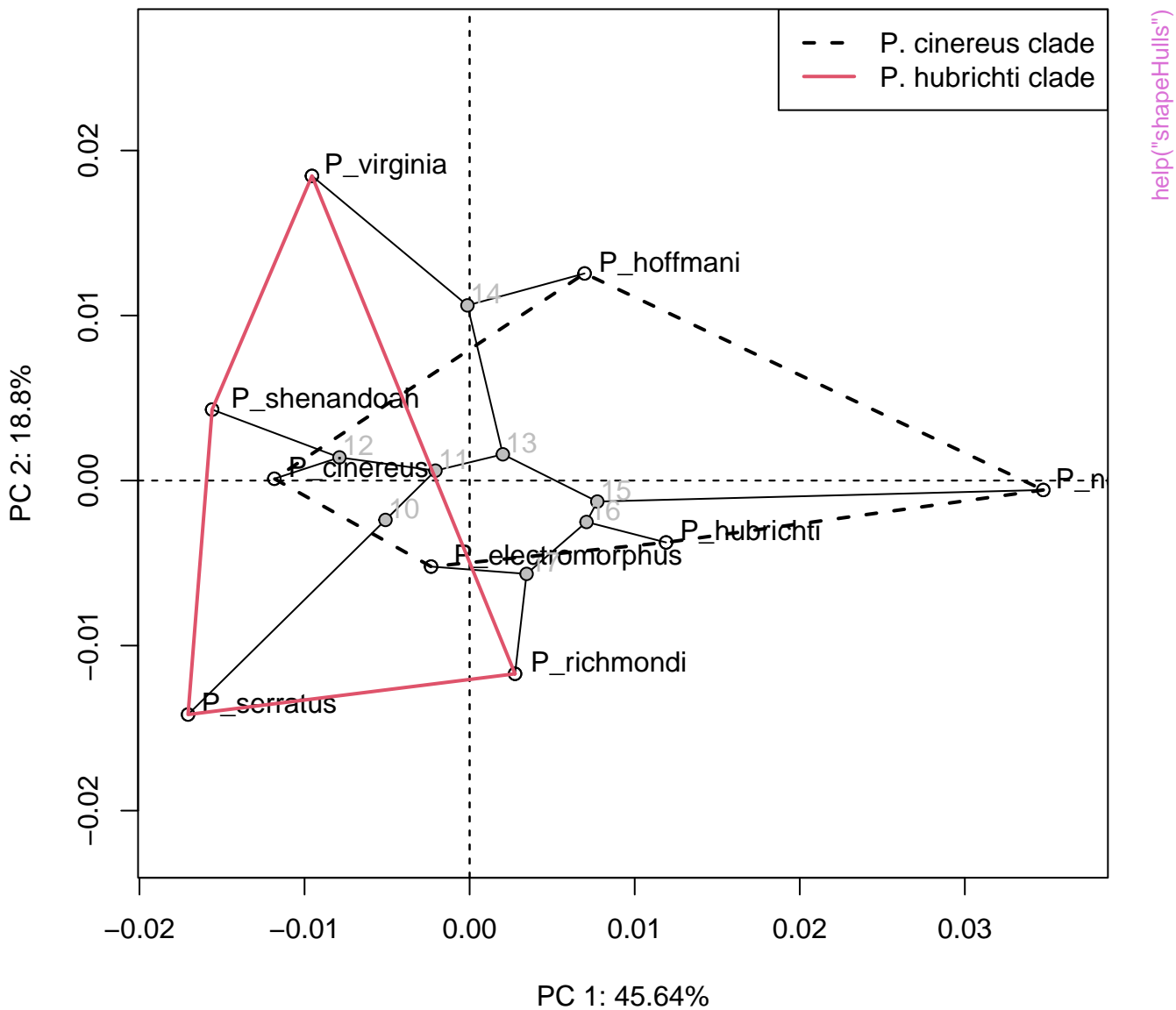
PC 2 for fitted values: 32.92%



PC 1 for fitted values: 62.66%

help("shapeHulls")





PLS1 Plot: Block 1 (X) vs. Block 2 (Y)

