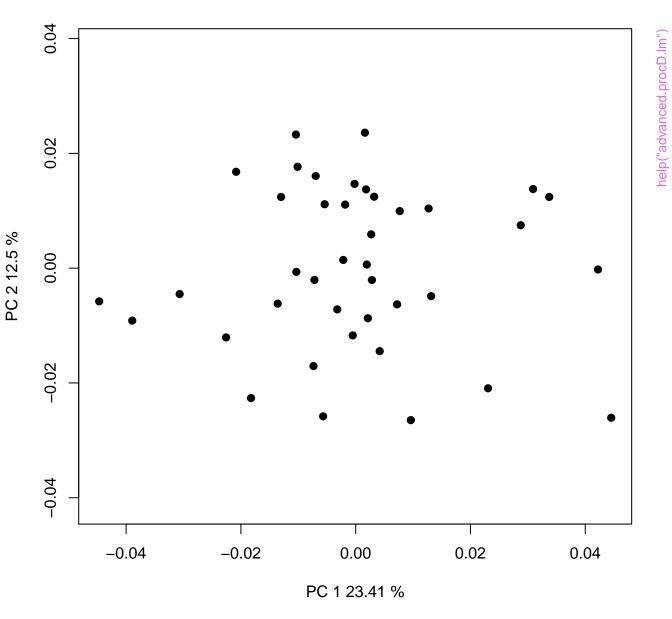
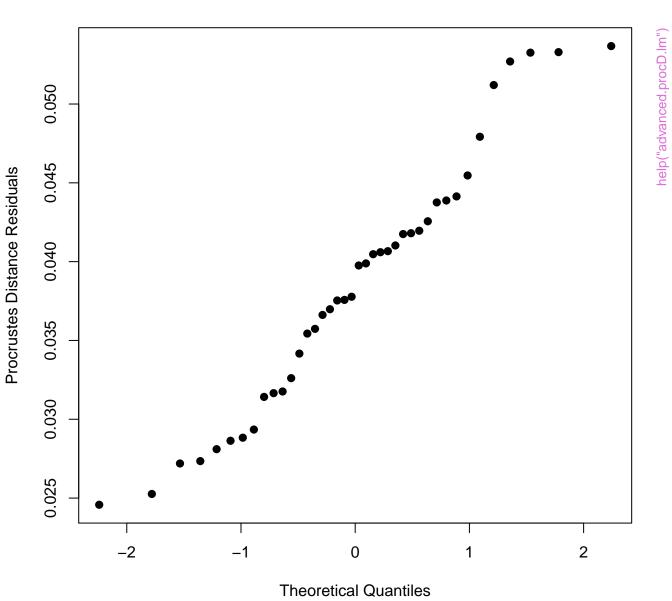
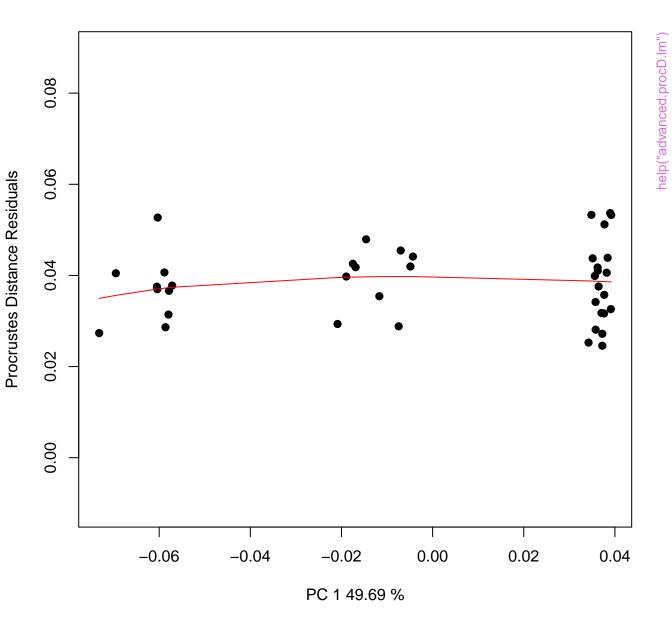
**PCA Residuals** 



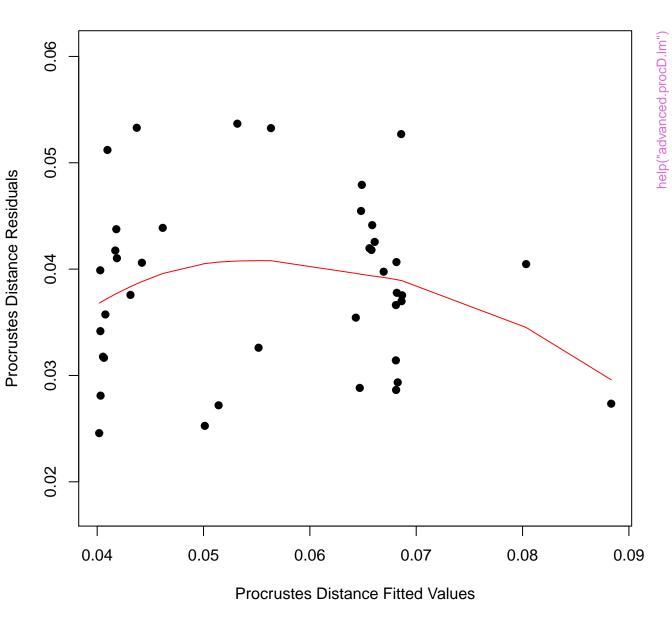
Q-Q plot



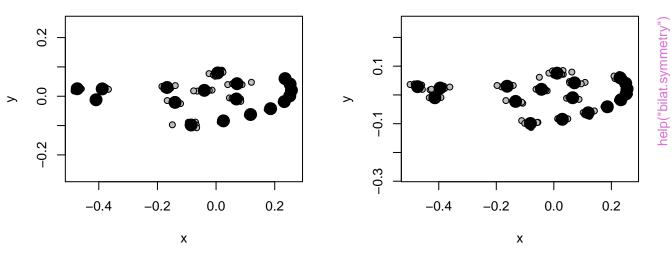
### Residuals vs. PC 1 fitted

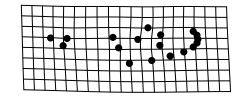


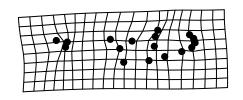
Residuals vs. Fitted



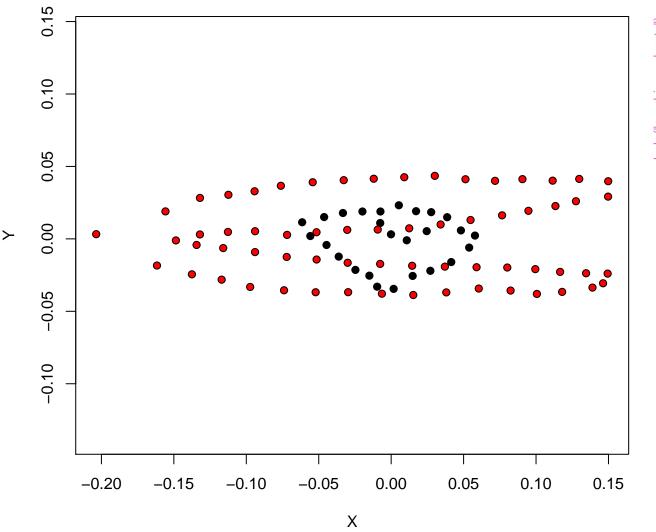
Symmetric Shape Component (left) and Asymmetric Shape Component (right)

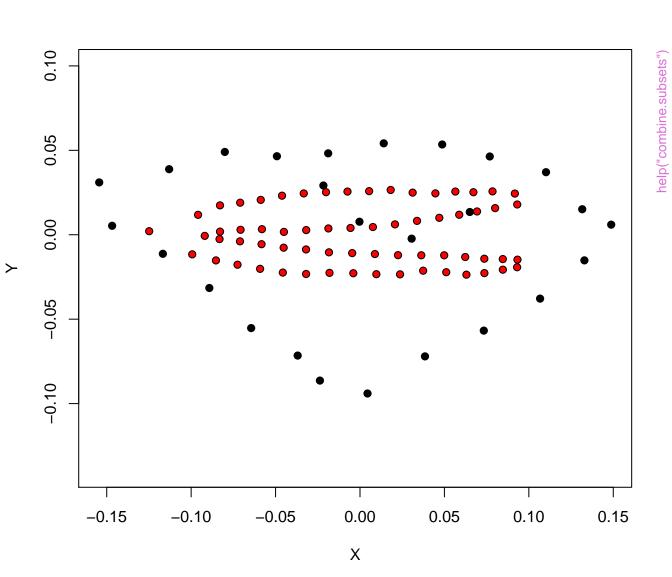




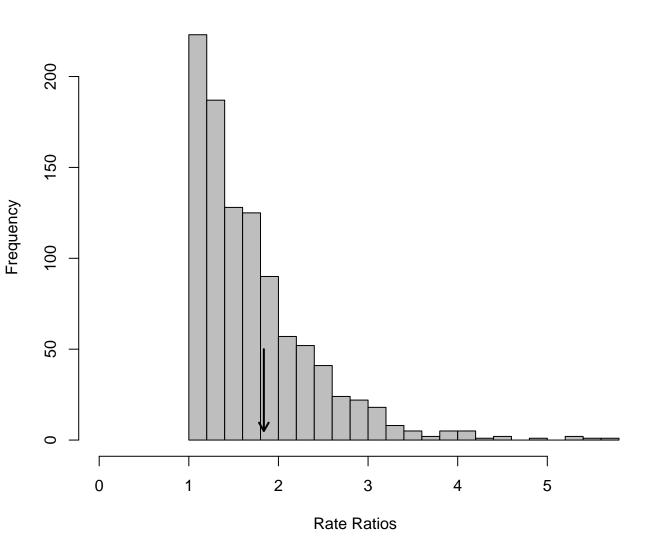


Mean directional (left) and fluctuating (right) asymmetry

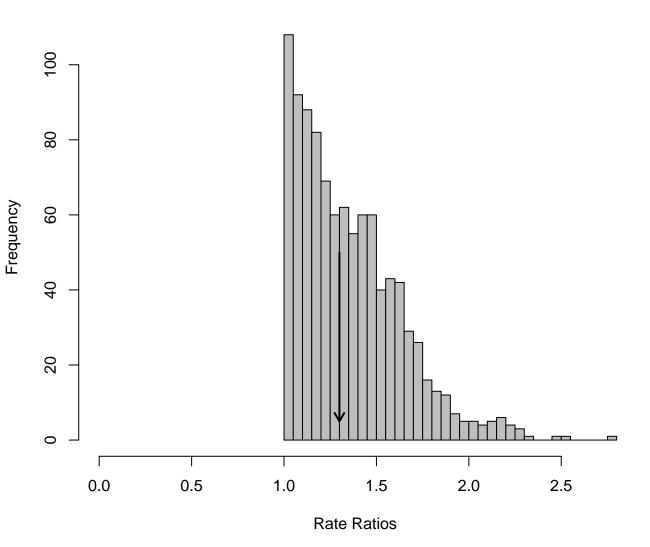




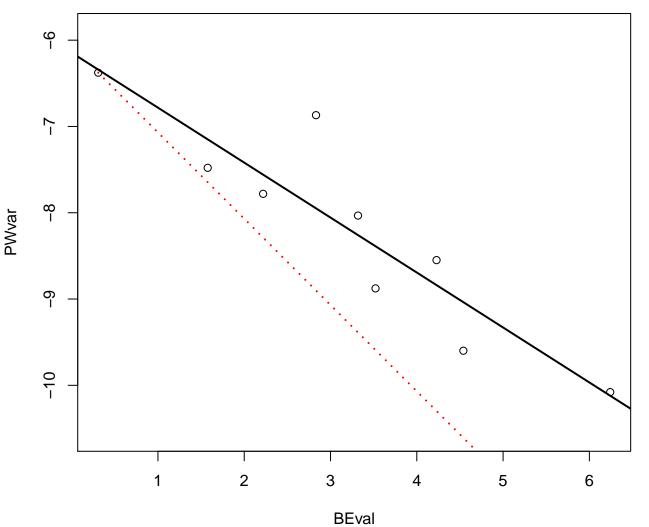
#### Observed Rate Ratio = 1.8372; P-value = 0.321

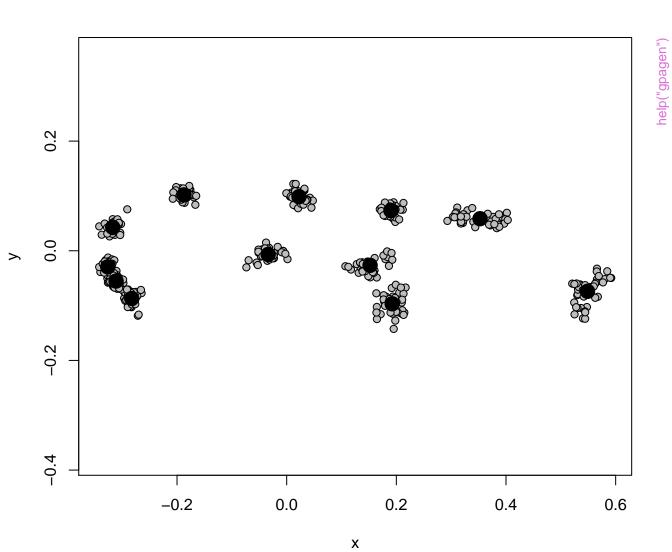


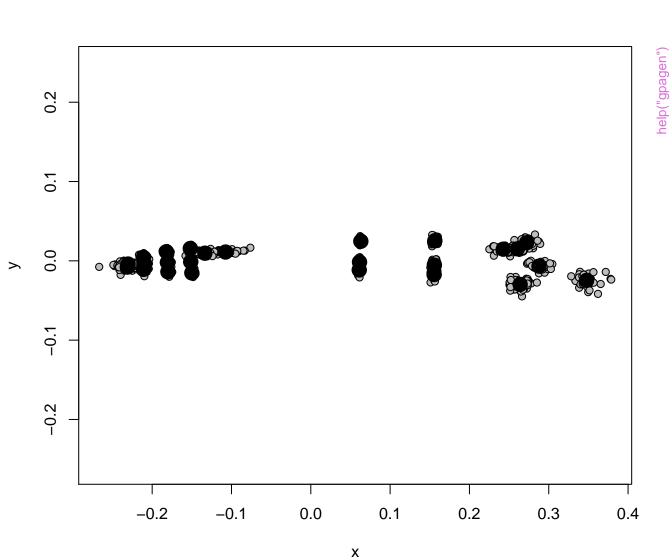
#### Observed Rate Ratio = 1.2997; P-value = 0.503

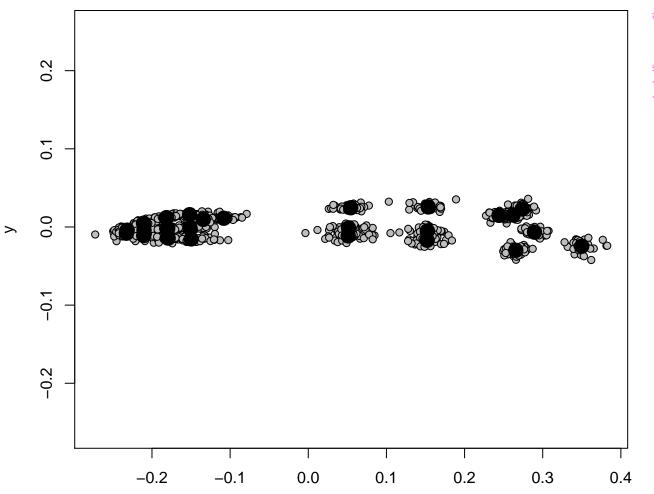




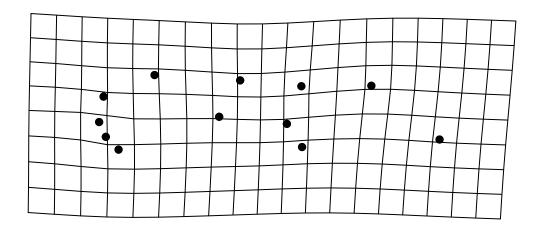


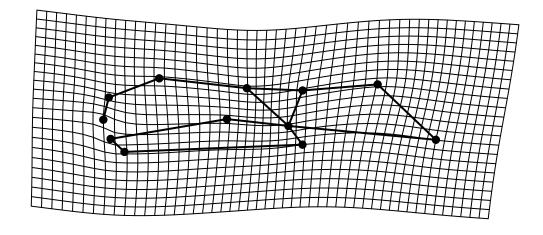


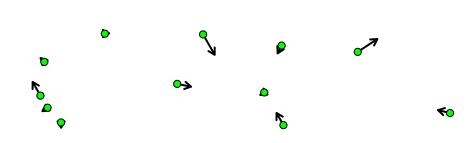


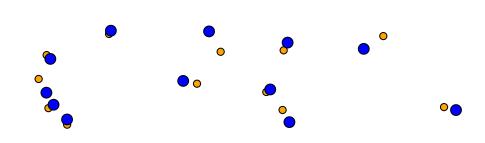


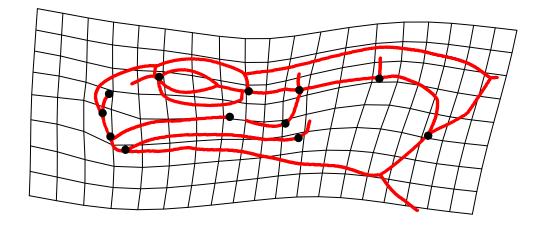
Χ

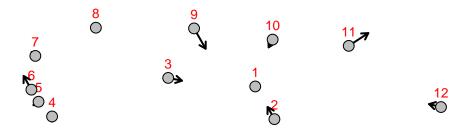


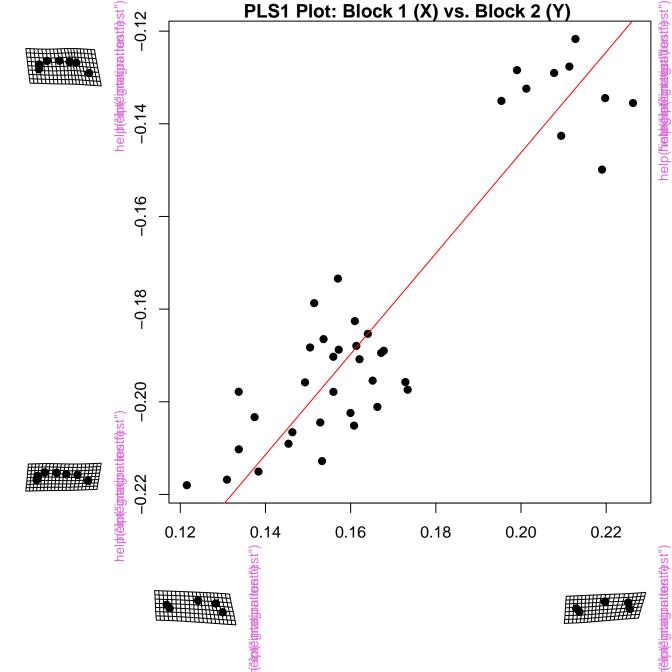




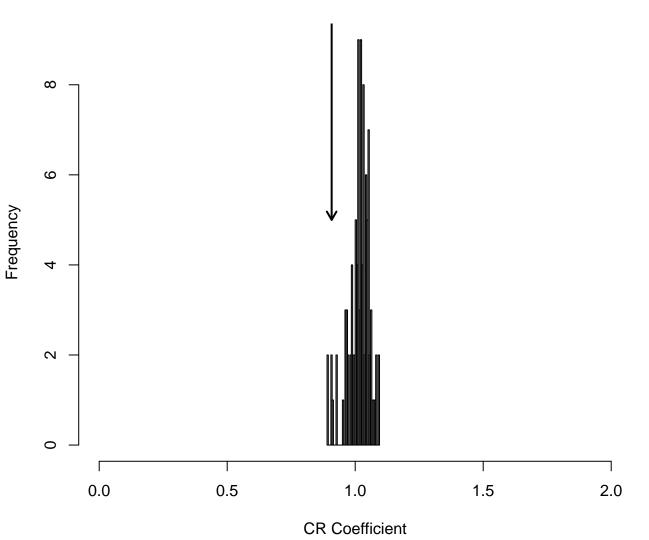


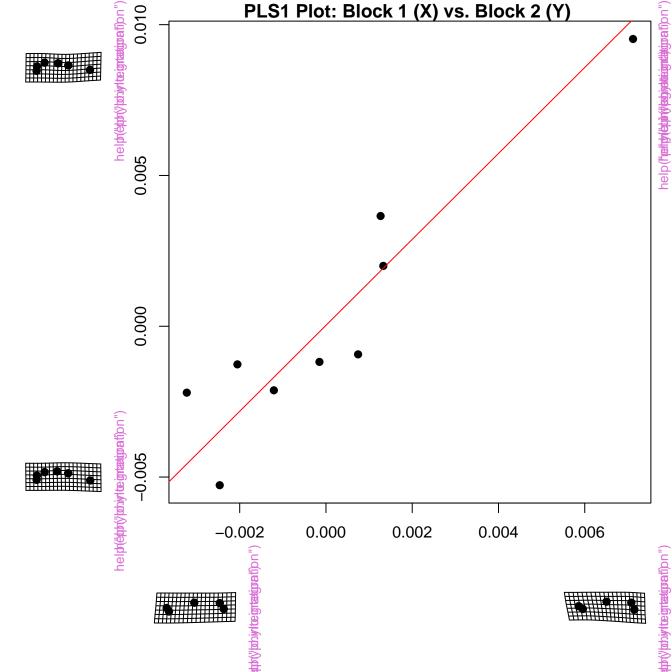




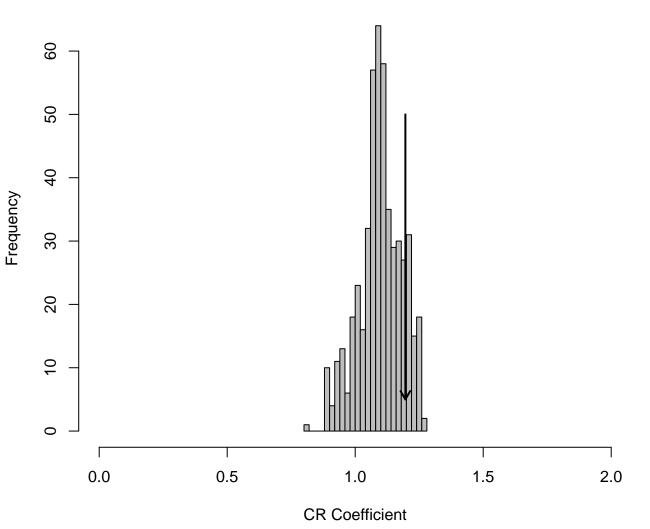


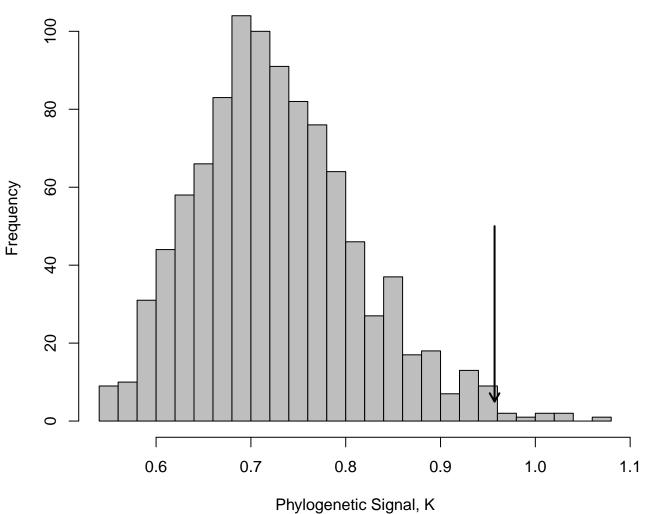
**Observed CR = 0.908 ; P-value = 0.04** 



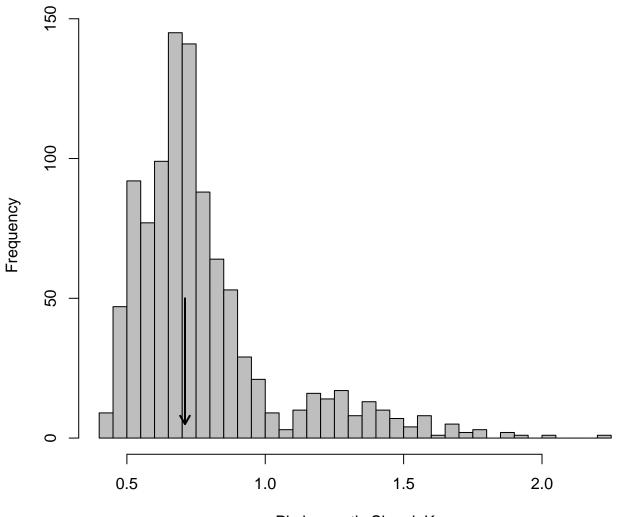


Observed CR = 1.196 ; P-value = 0.86

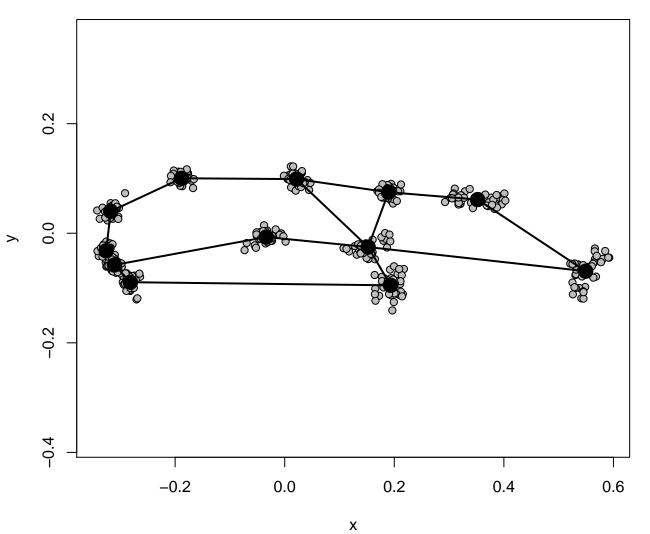


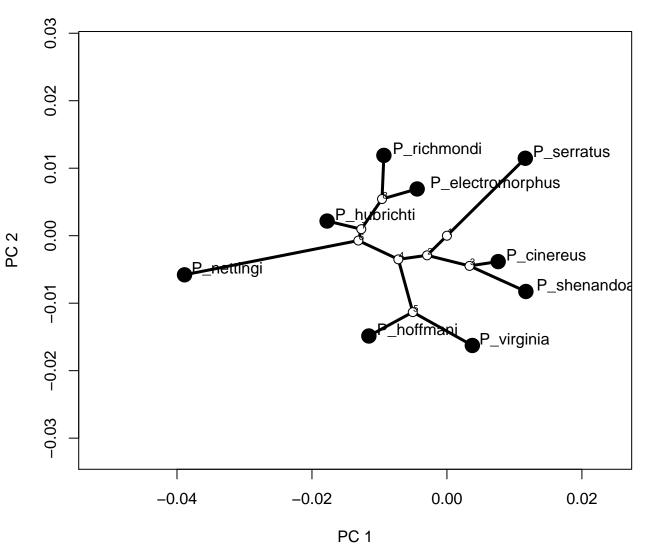


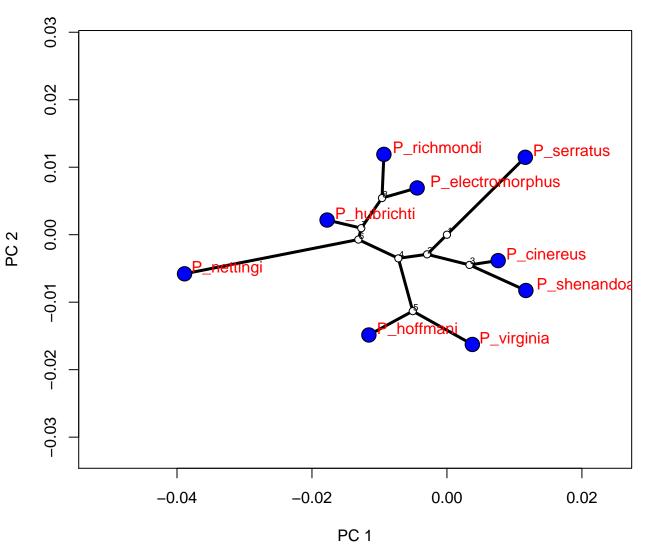
Observed K = 0.71 ; P-value = 0.497



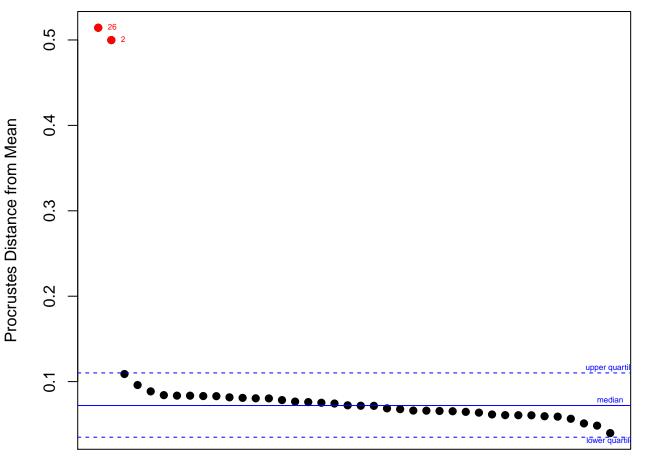
Phylogenetic Signal, K



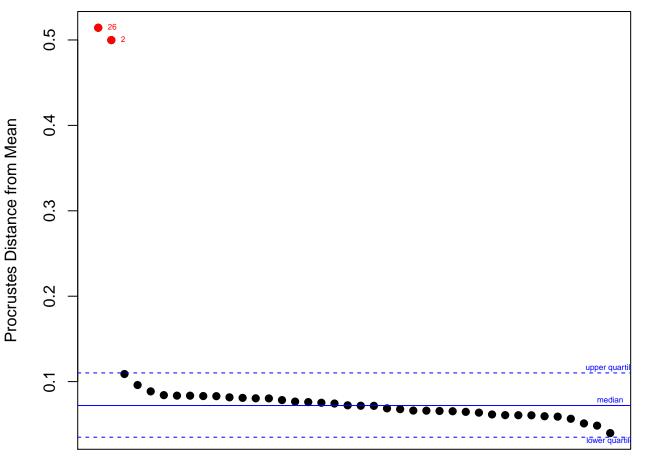




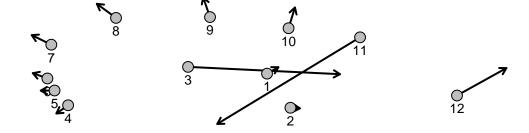
## **All Specimens**



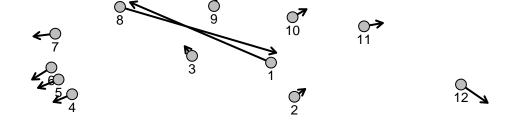
## **All Specimens**



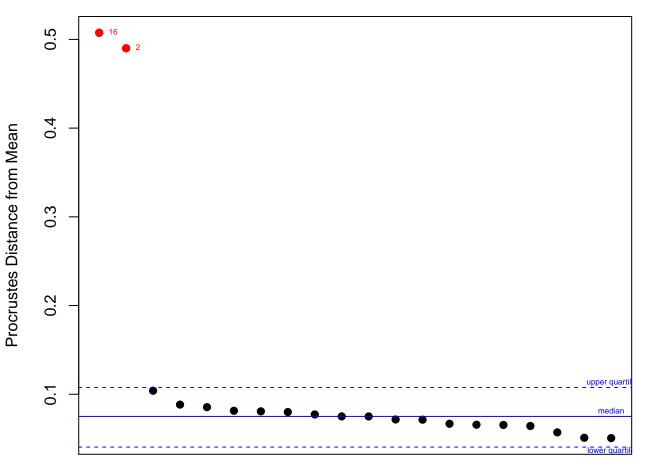
## group: All Specimens, specimen: 26



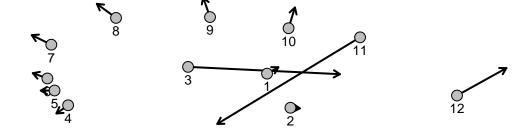
## group: All Specimens, specimen: 2



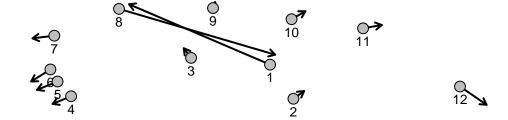
# Jord



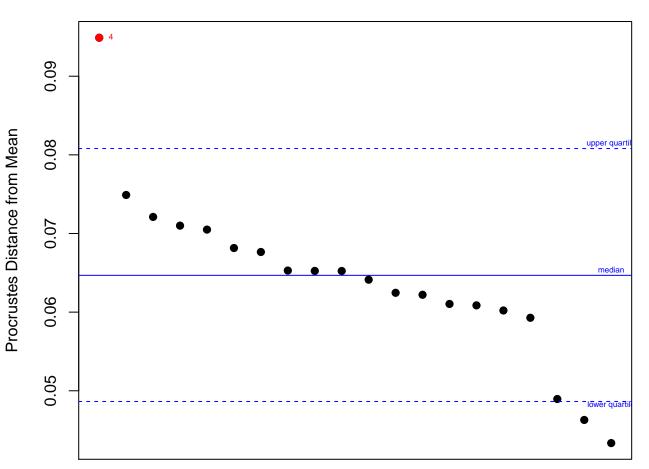
## group: Jord, specimen: 16



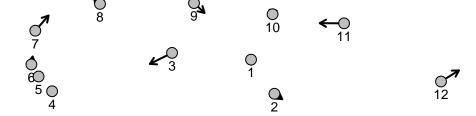
## group: Jord, specimen: 2

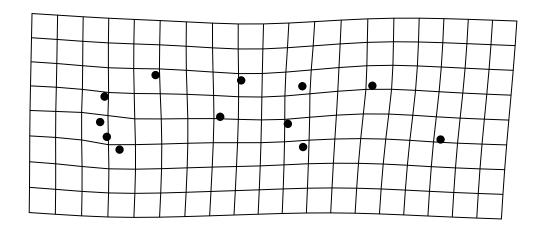


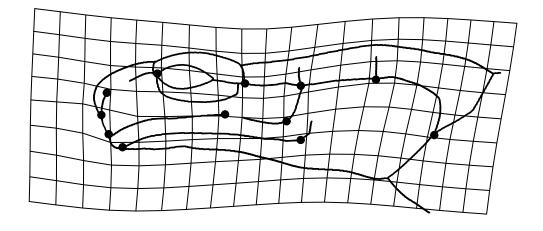
Teyah

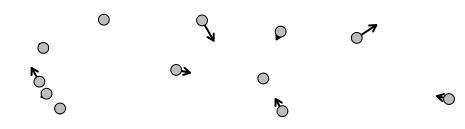


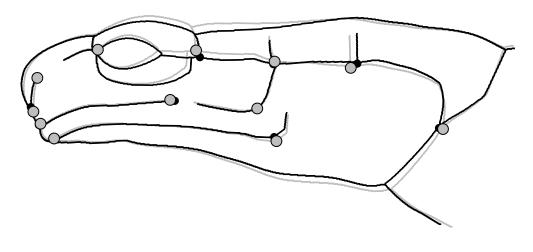
## group: Teyah, specimen: 4

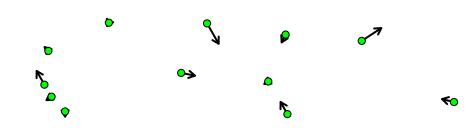


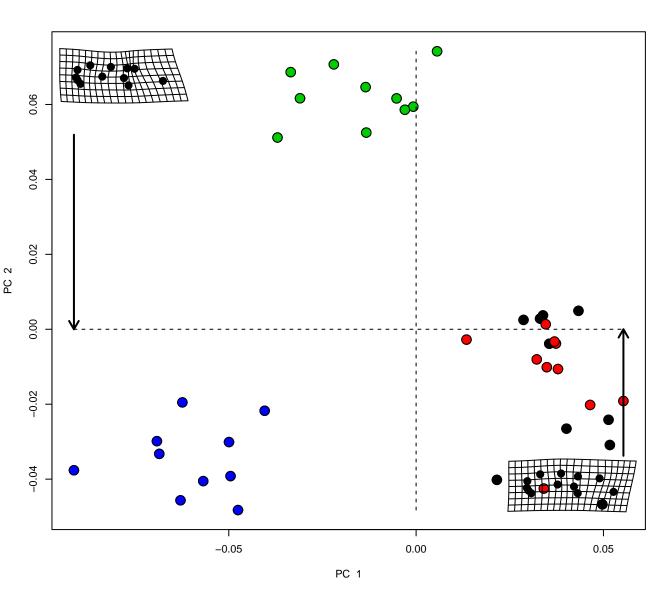




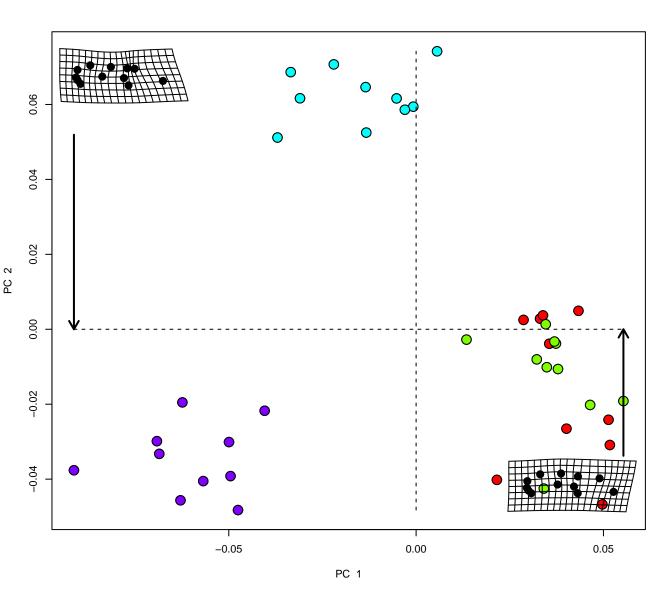


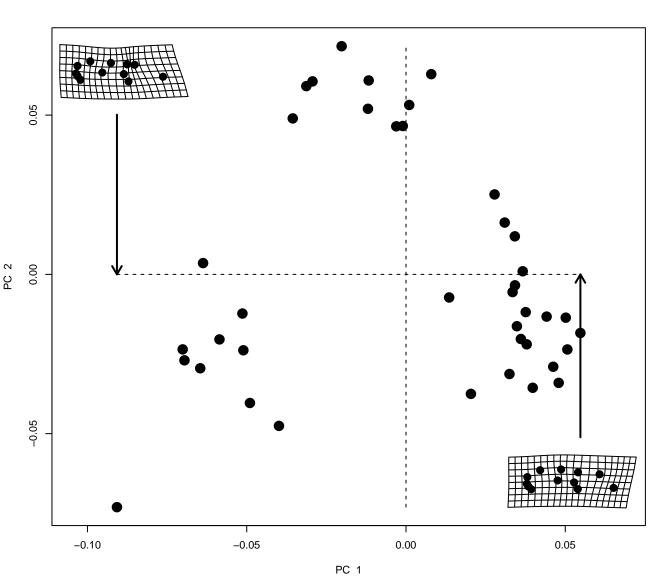


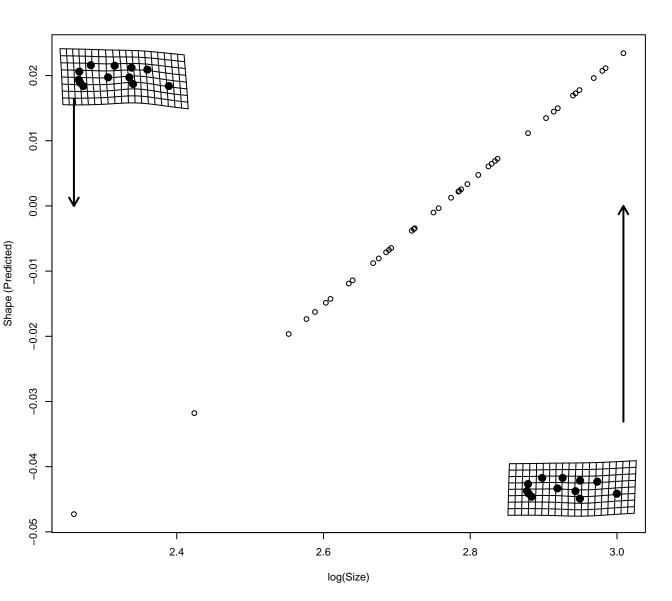


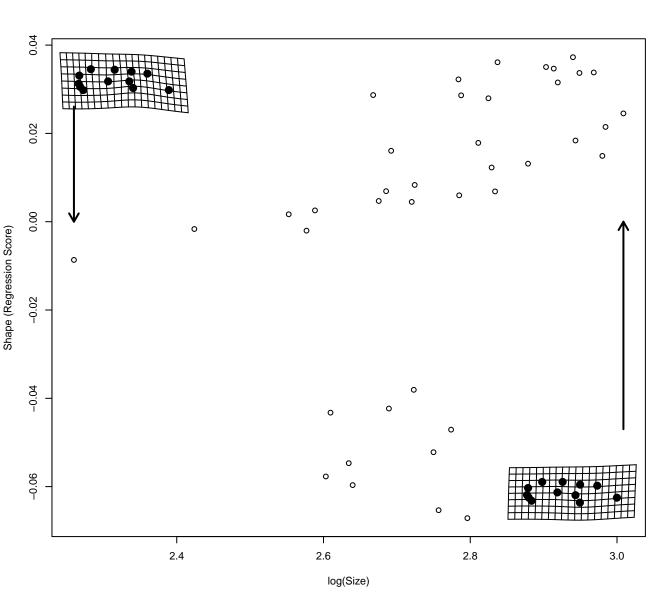


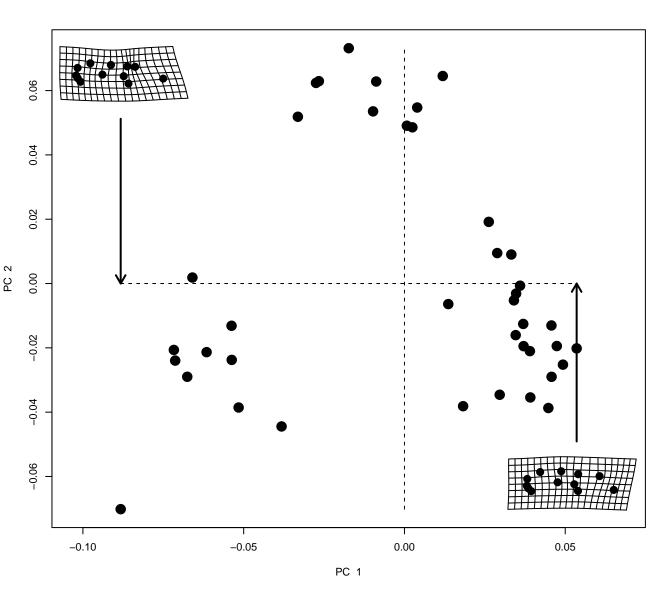
PC 1

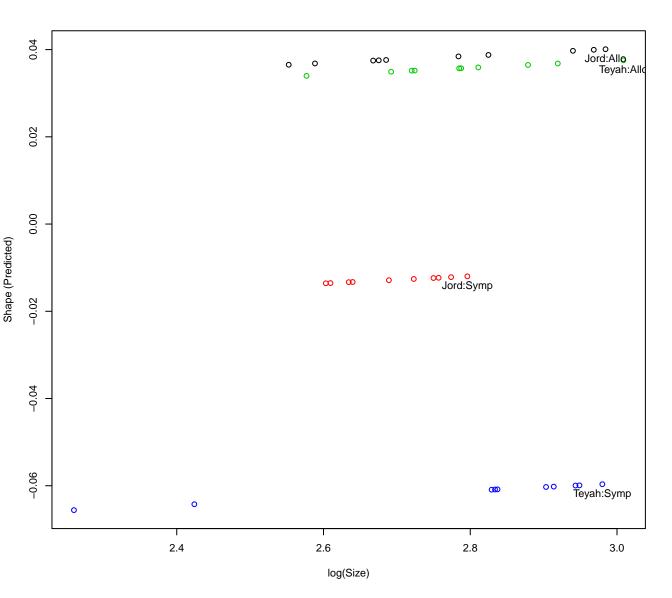


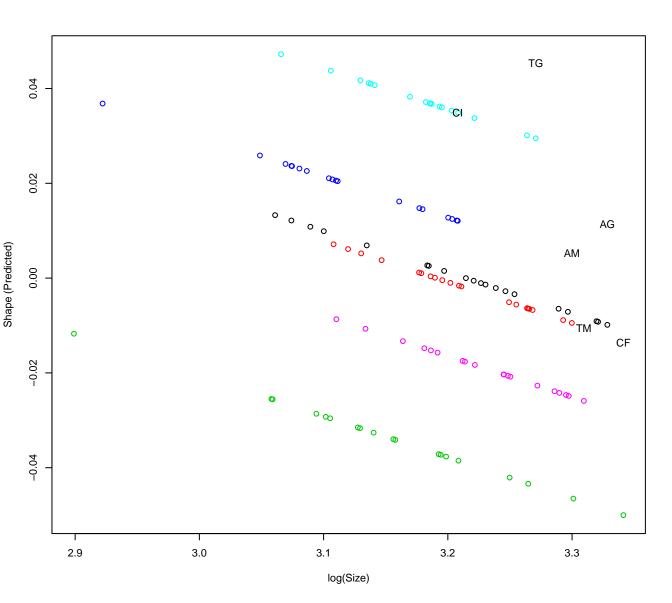


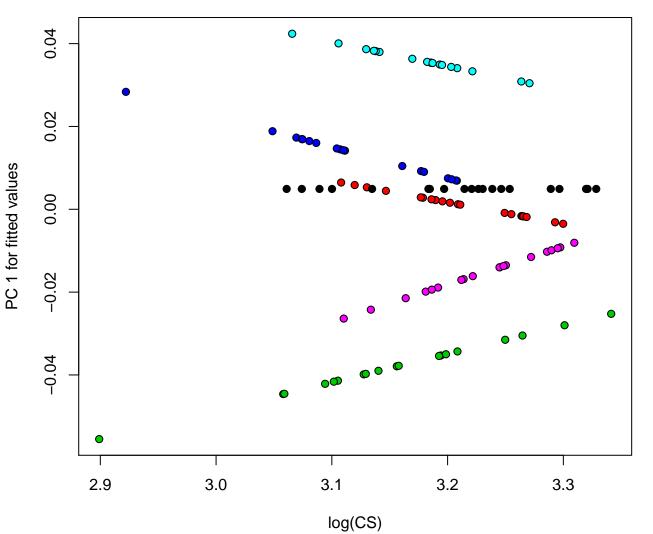


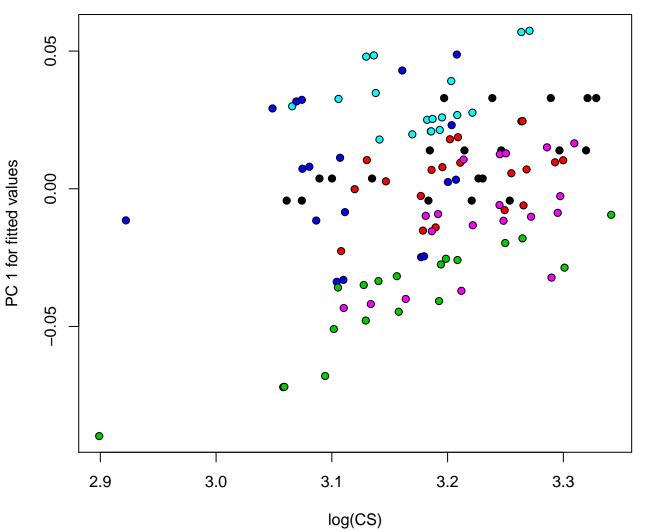


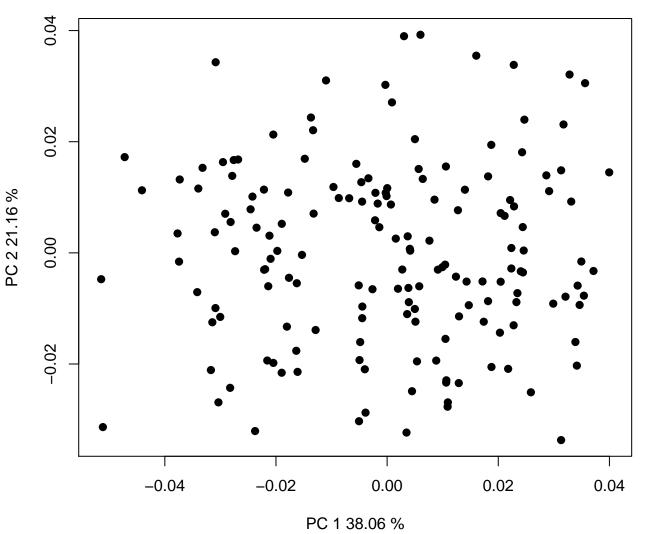


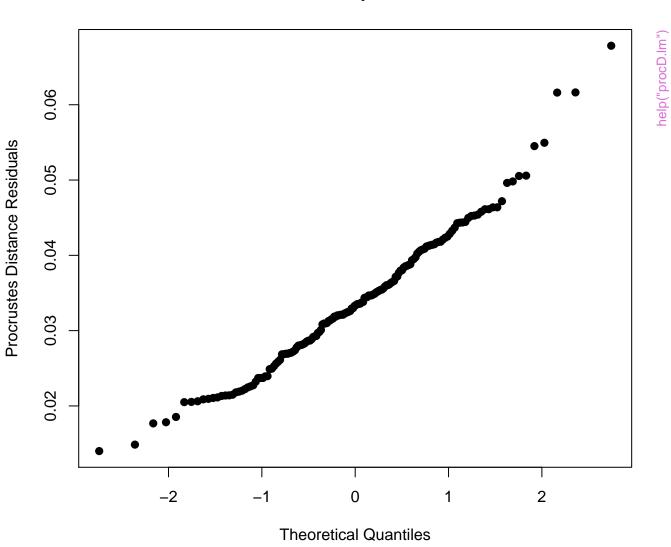


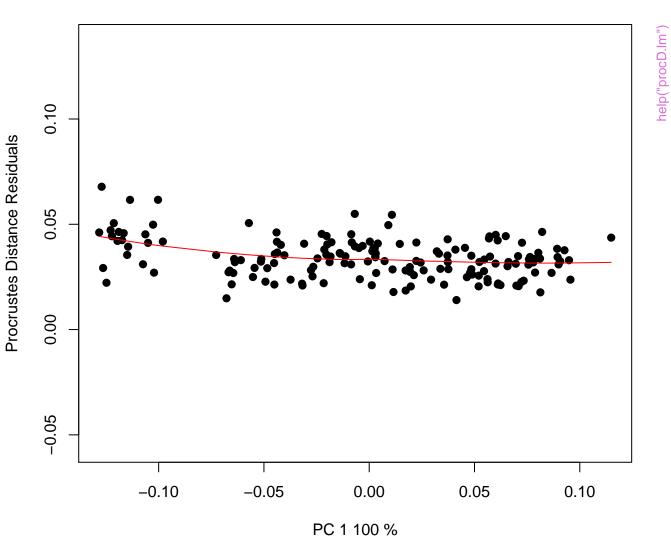




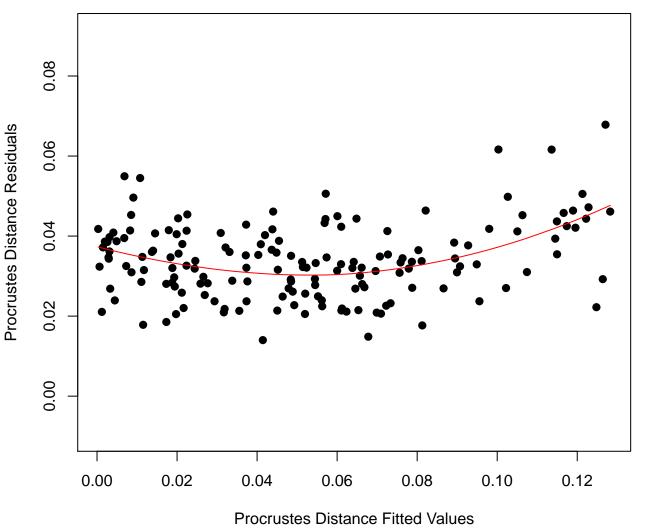


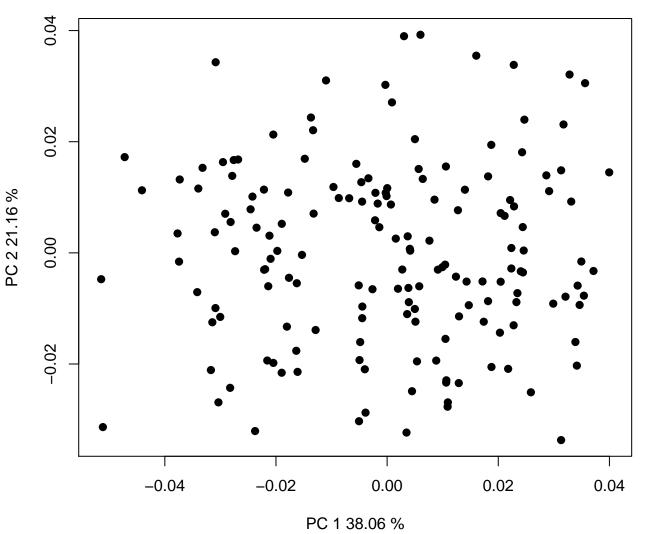


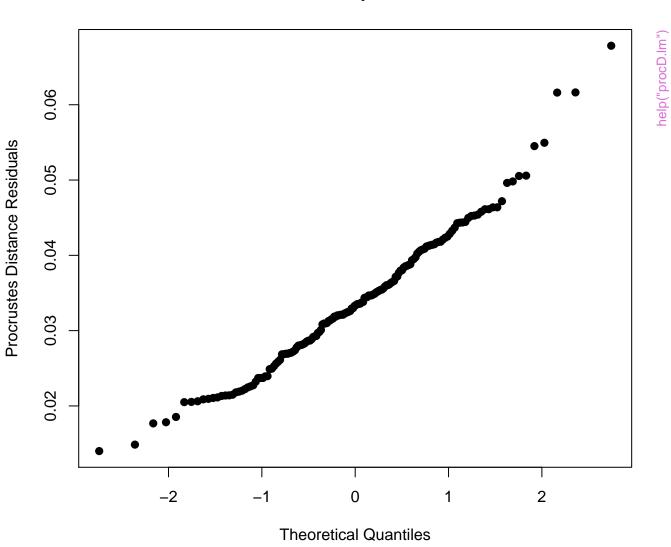


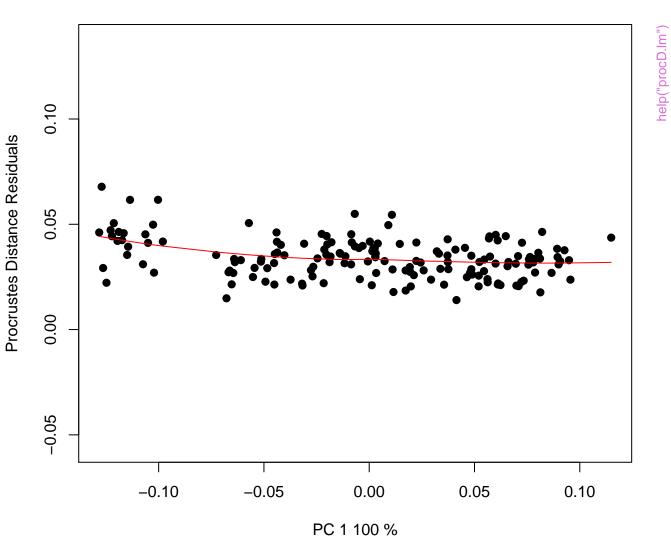


### Residuals vs. Fitted

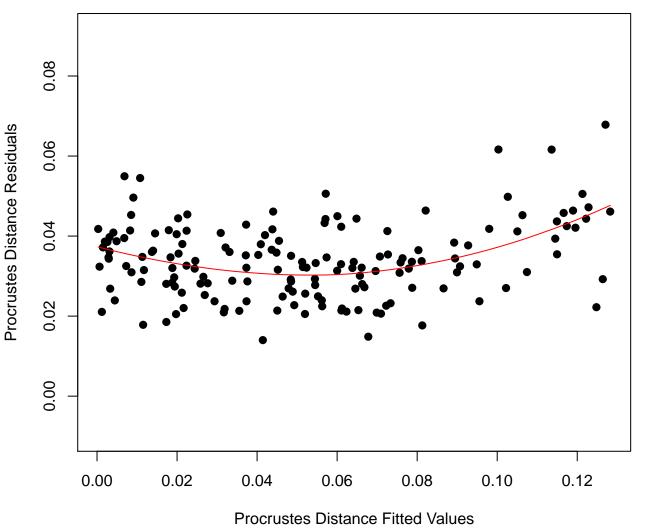




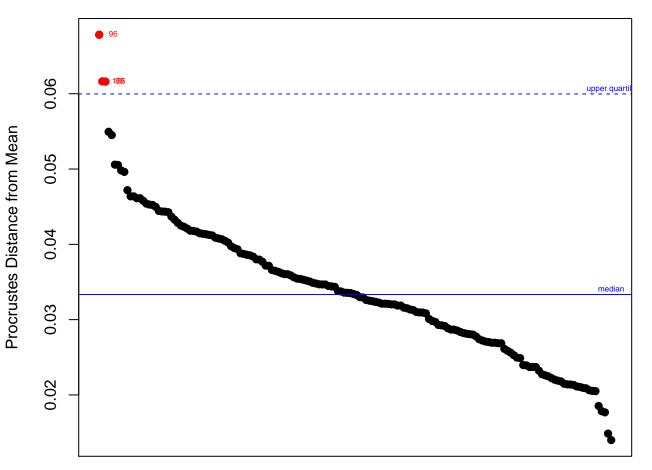




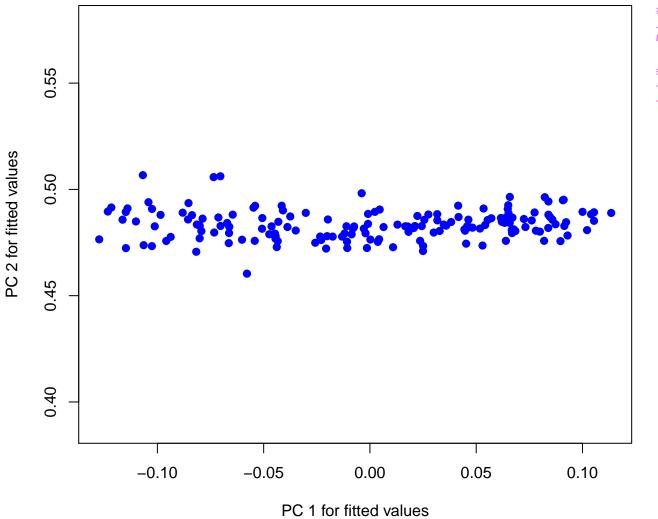
### Residuals vs. Fitted

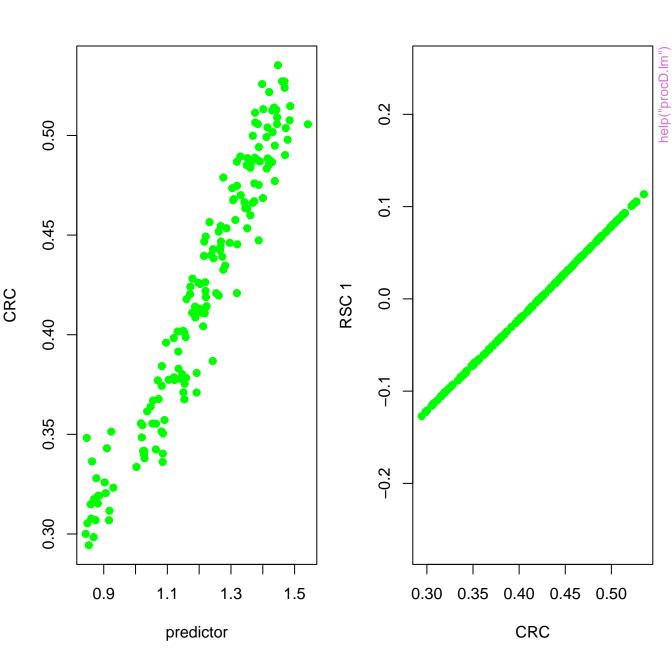


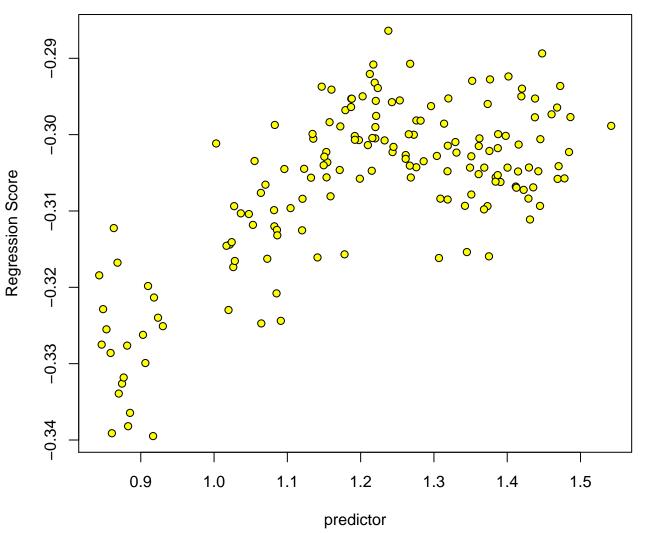
# **All Specimens**

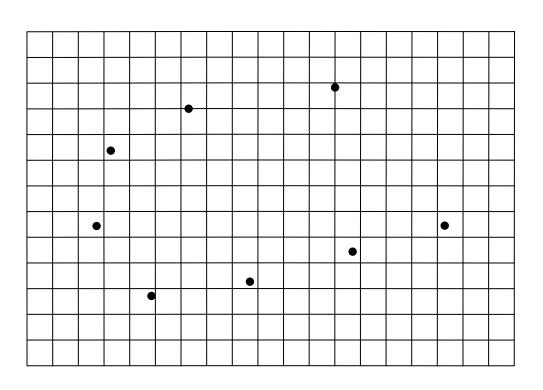


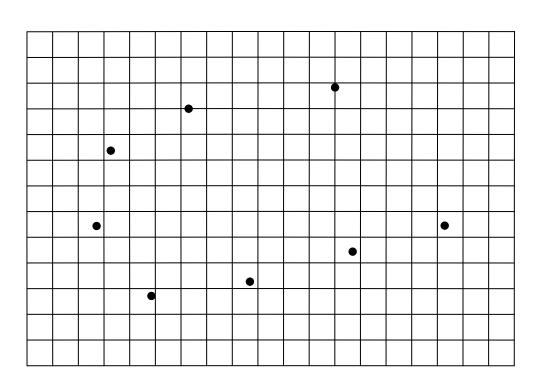


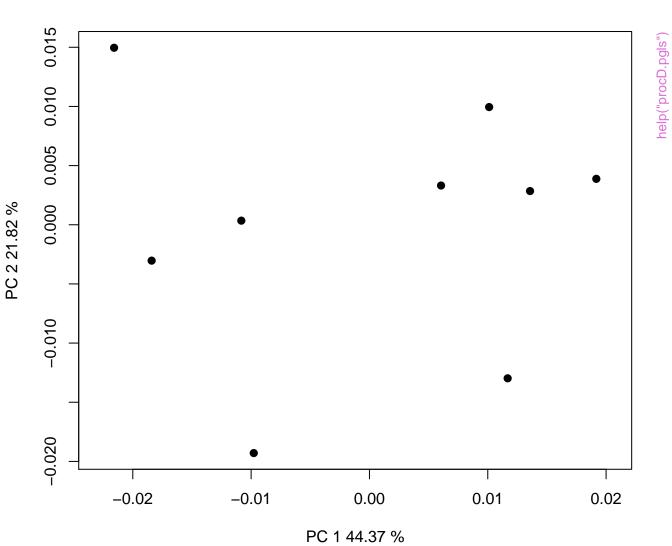


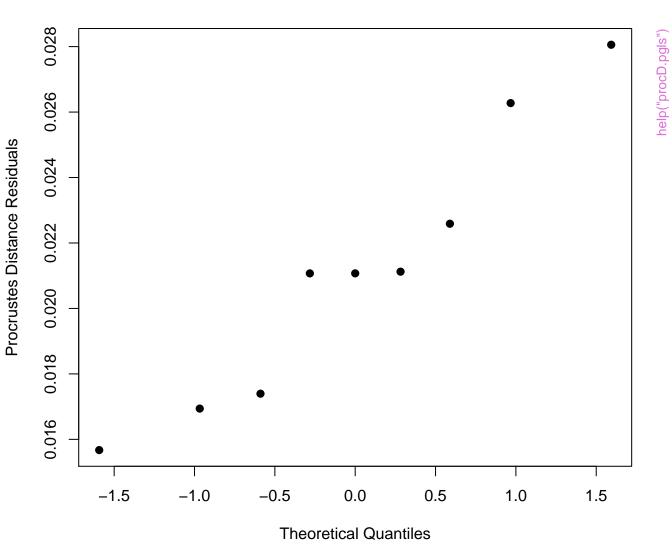


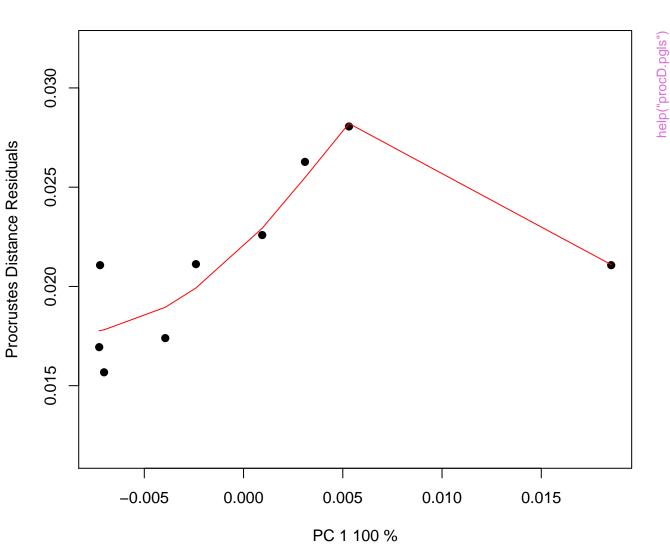












### Residuals vs. Fitted

