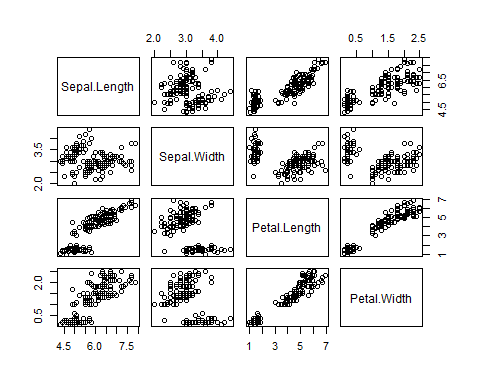
Análisis Multivariante

PCA, permanova and more…

22/9/2022

CORRELATION BETWEEN FLOWER METRICS 

## Sepal.Length Sepal.Width Petal.Length Petal.Width  
## Sepal.Length 1.0000000 -0.1175698 0.8717538 0.8179411  
## Sepal.Width -0.1175698 1.0000000 -0.4284401 -0.3661259  
## Petal.Length 0.8717538 -0.4284401 1.0000000 0.9628654  
## Petal.Width 0.8179411 -0.3661259 0.9628654 1.0000000

#PCA analysis

## Standard deviations (1, .., p=4):  
## [1] 2.0562689 0.4926162 0.2796596 0.1543862  
##   
## Rotation (n x k) = (4 x 4):  
## PC1 PC2 PC3 PC4  
## Sepal.Length 0.36138659 -0.65658877 0.58202985 0.3154872  
## Sepal.Width -0.08452251 -0.73016143 -0.59791083 -0.3197231  
## Petal.Length 0.85667061 0.17337266 -0.07623608 -0.4798390  
## Petal.Width 0.35828920 0.07548102 -0.54583143 0.7536574

## Importance of components:  
## PC1 PC2 PC3 PC4  
## Standard deviation 2.0563 0.49262 0.2797 0.15439  
## Proportion of Variance 0.9246 0.05307 0.0171 0.00521  
## Cumulative Proportion 0.9246 0.97769 0.9948 1.00000