LISTA 7

ANÁLISE MULTIVARIADA 1

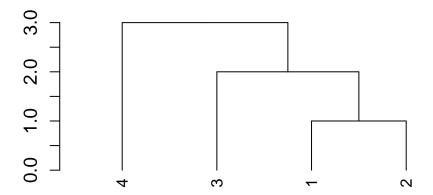
Tailine J. S. Nonato

2023-12-12

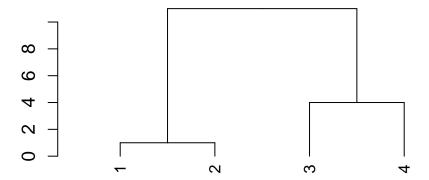
12.5

```
d \leftarrow matrix(c(0,1,11,5,1,0,2,3,11,2,0,4,5,3,4,0),4,4)
  d
     [,1] [,2] [,3] [,4]
[1,]
             1
                  11
[2,]
        1
             0
[3,]
             2
                   0
                        4
       11
[4,]
       5
             3
                        0
  simples <- hclust(as.dist(d), method = "single")</pre>
  plot(as.dendrogram(simples), hang = -1, cex.axis=1.2, cex.lab = 1.5,
```

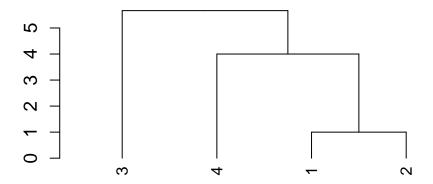
xlab="Ligação Simples", main="Dendograma")



Ligação Simples



Ligação Completa

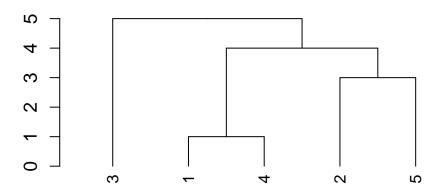


Ligação Média

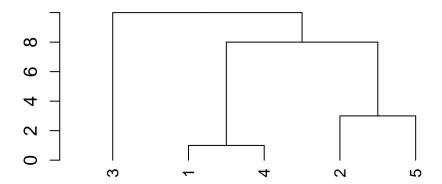
12.6

```
d6<-matrix(c(0,4,6,1,6,4,0,9,7,3,6,9,0,10,5,1,7,10,0,8,6,3,5,8,0),5,5) d6
```

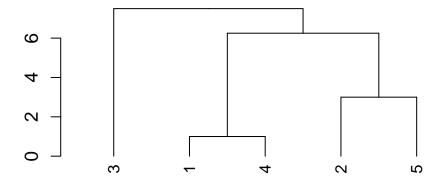
```
[,1] [,2] [,3] [,4] [,5]
[1,]
                   6
                         1
[2,]
              0
                   9
                        7
                              3
[3,]
                              5
                   0
                        10
[4,]
                              8
        1
                  10
                        0
[5,]
                   5
                              0
```



Ligação Simples

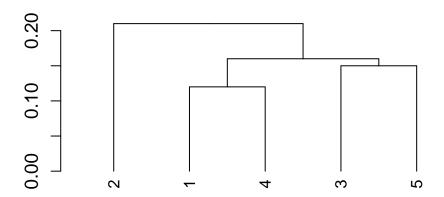


Ligação Completa

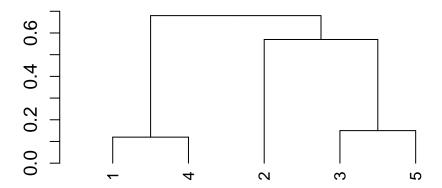


Ligação Média

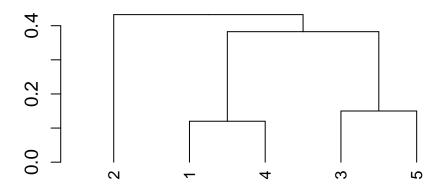
12.7



Ligação Simples



Ligação Completa



Ligação Média