MSMS 206 : Practical 07

Ananda Biswas

April 19, 2025

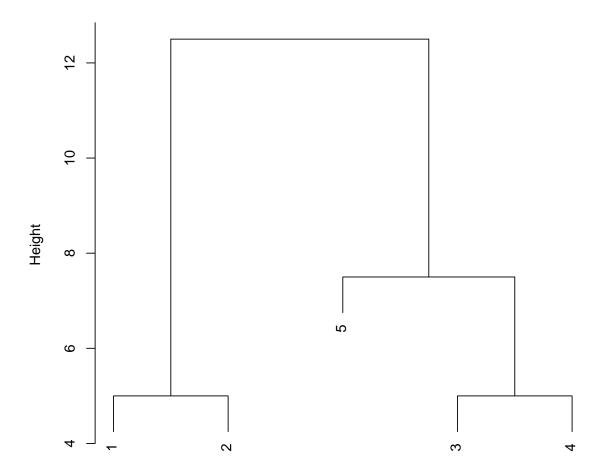
Question: For the following distance matrix, perform hierarchical clustering and plot a dendogram.

$$\begin{bmatrix} 0 & 5 & 10 & 15 & 20 \\ 0 & 5 & 10 & 15 \\ & 0 & 5 & 10 \\ & & 0 & 5 \\ & & & 0 \end{bmatrix}$$

• Agglomerative Hierarchical Clustering

```
x <- hclust(as.dist(d), method = "average")</pre>
```

Cluster Dendrogram



hclust (*, "average")