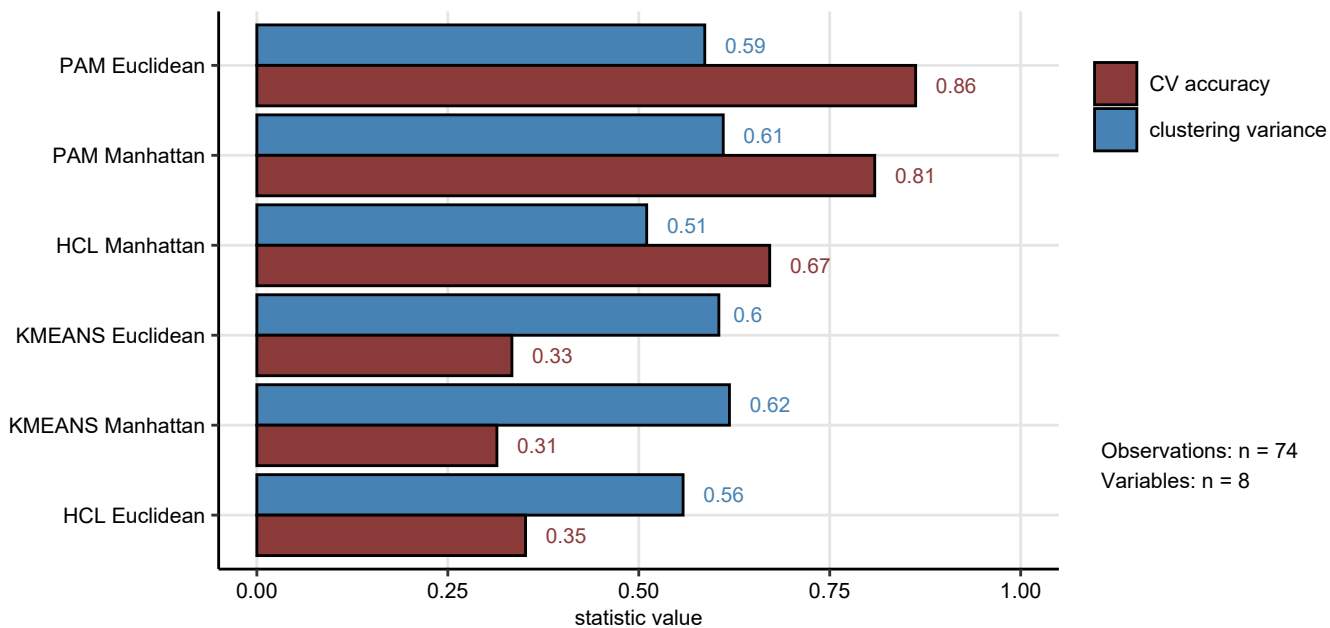
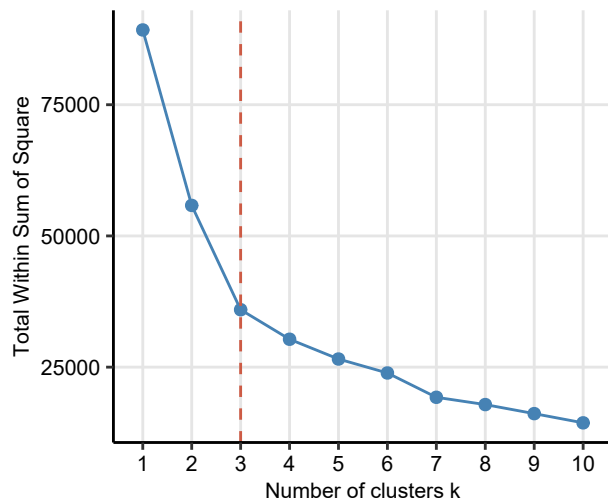


**A****Performance of clustering algorithms**

Sum of square ratio and 10-fold cross-validation

**B****Optimal cluster number**

PAM clustering, Euclidean distance

**C****Distances between observations**

PAM clustering, Euclidean distance

