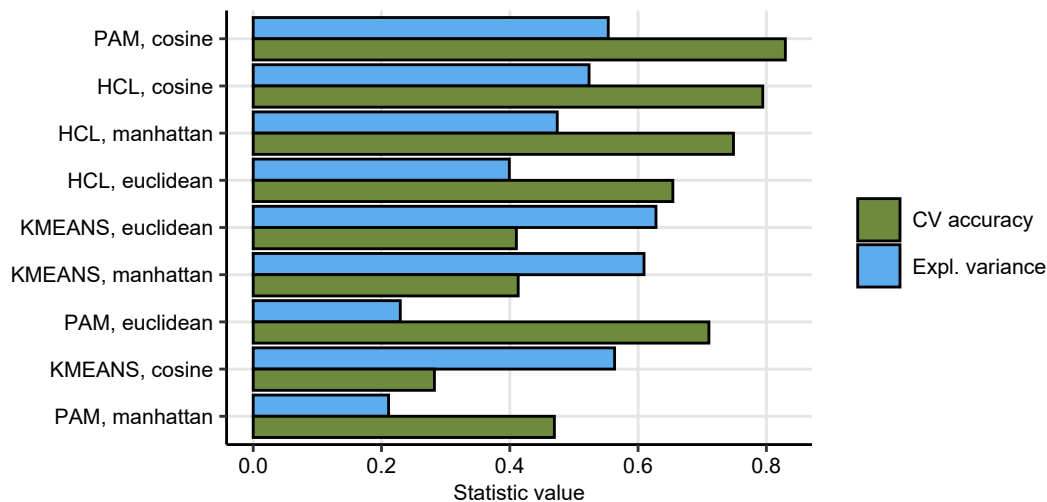
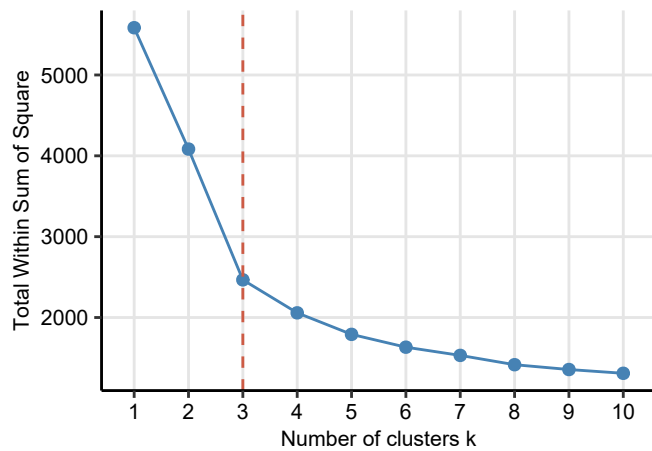


**A****Performance of clustering algorithms**Training subset,  $k = 3$  clusters,  $n = 230$ **B****Optimal cluster number**PAM clustering, cosine distance,  $n = 230$ **Optimal cluster number**PAM clustering, cosine distance,  $n = 230$ 