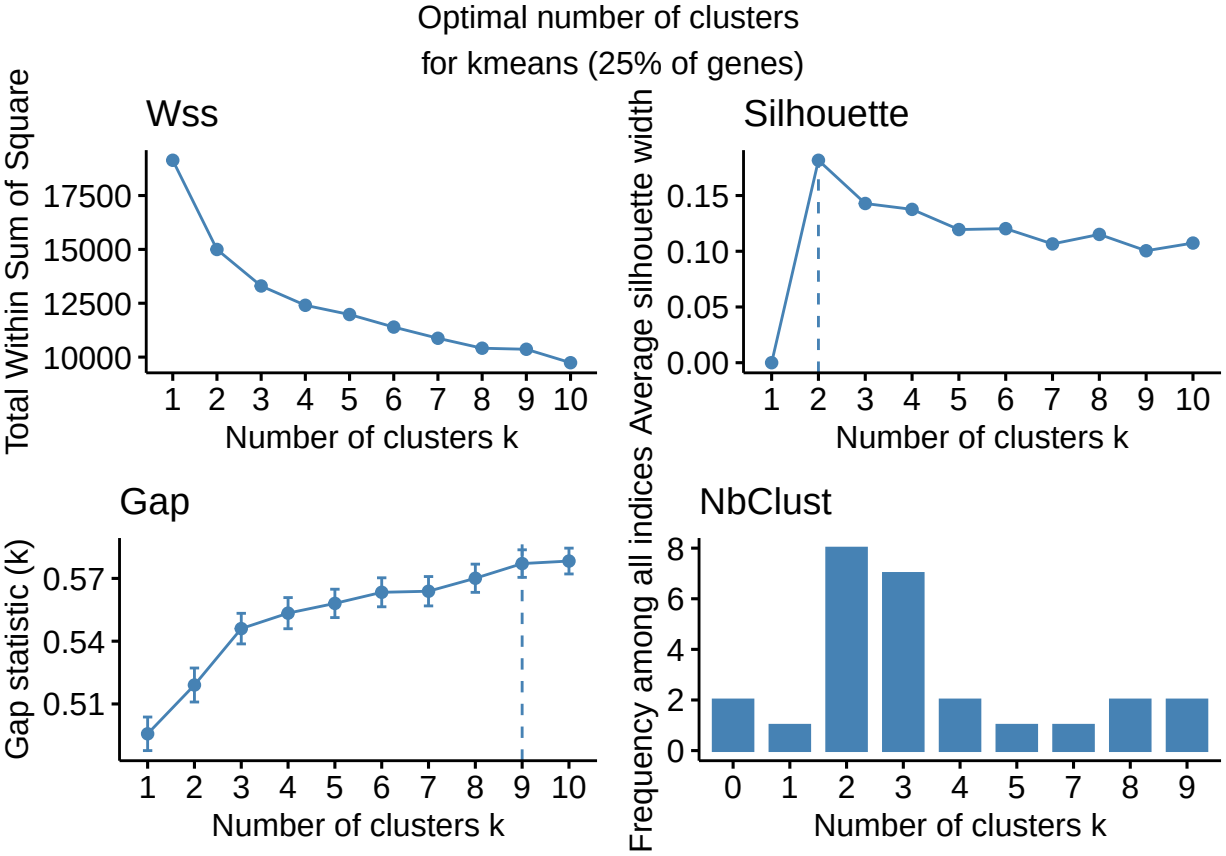
Optimal number of clusters
for kmeans (25% of genes)
Wss
Total Within Sum of Square
17500
15000
12500
10000
1 2 3 4 5 6 7 8 9 10
Number of clusters k
Silhouette
Average silhouette width
0.15
0.10
0.05
0.00
1 2 3 4 5 6 7 8 9 10
Number of clusters k
Gap
Gap statistic (k)
0.57
0.54
0.51
1 2 3 4 5 6 7 8 9 10
Number of clusters k
NbClust
Frequency among all indices
8
6
4
2
0
0 1 2 3 4 5 7 8 9
Number of clusters k