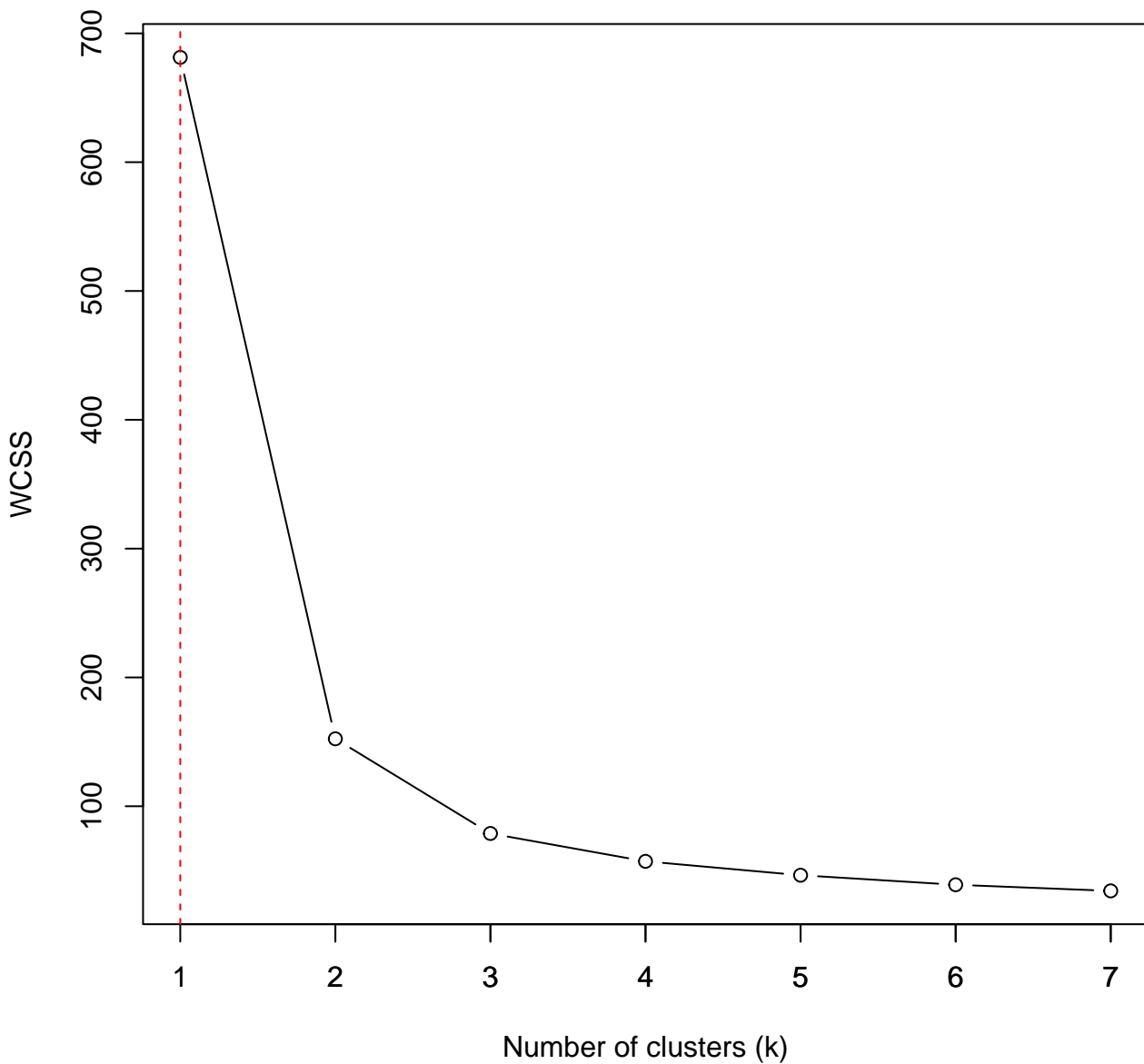
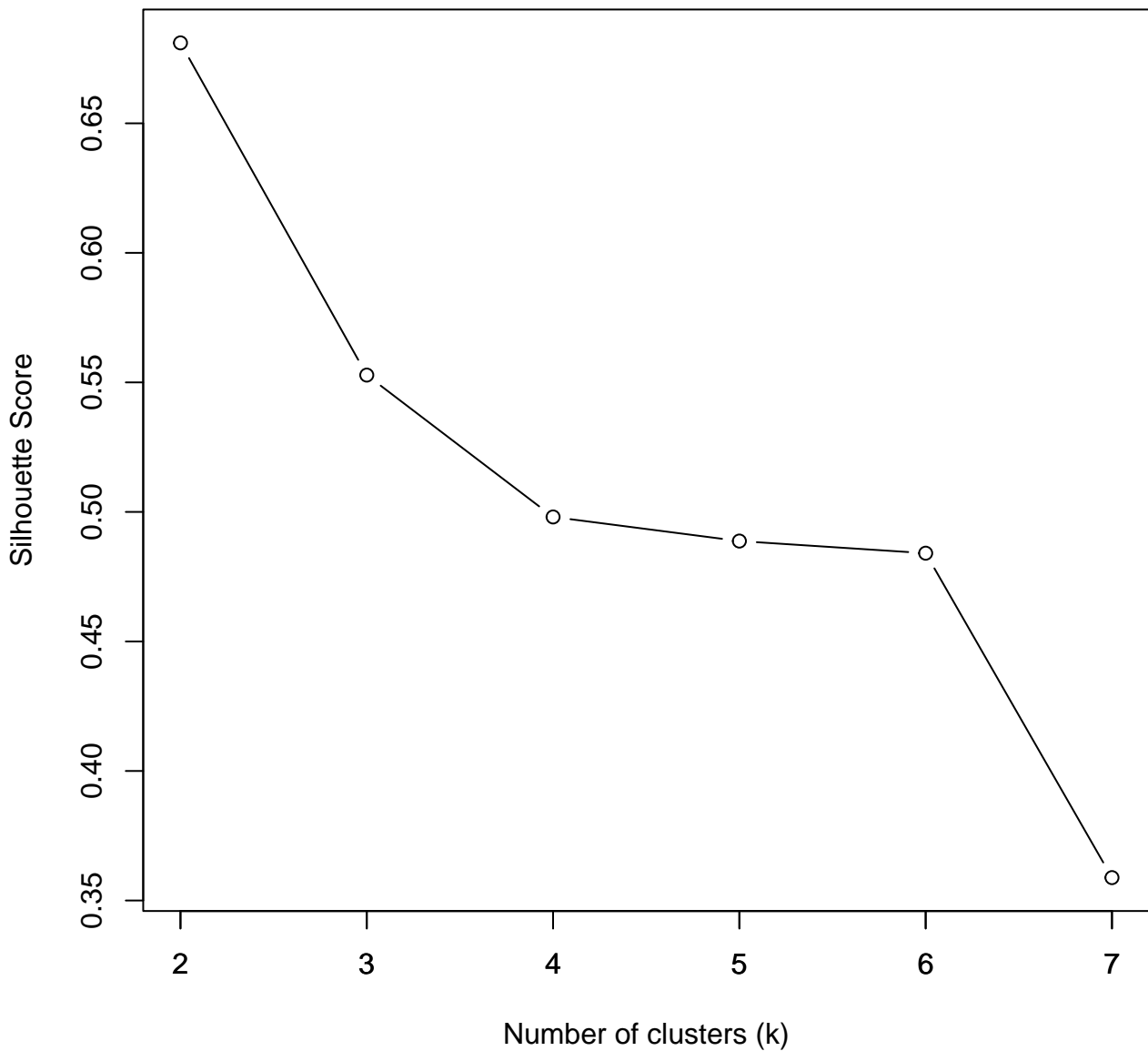


## Elbow Method for Determining Optimal K



## Silhouette Method for Determining Optimal K



## Gap Statistics for Determining Optimal K

