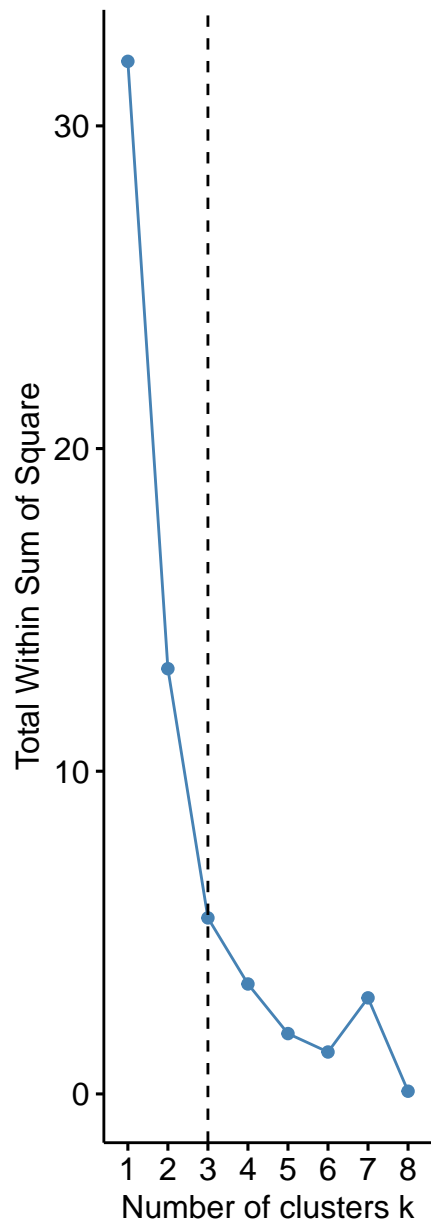


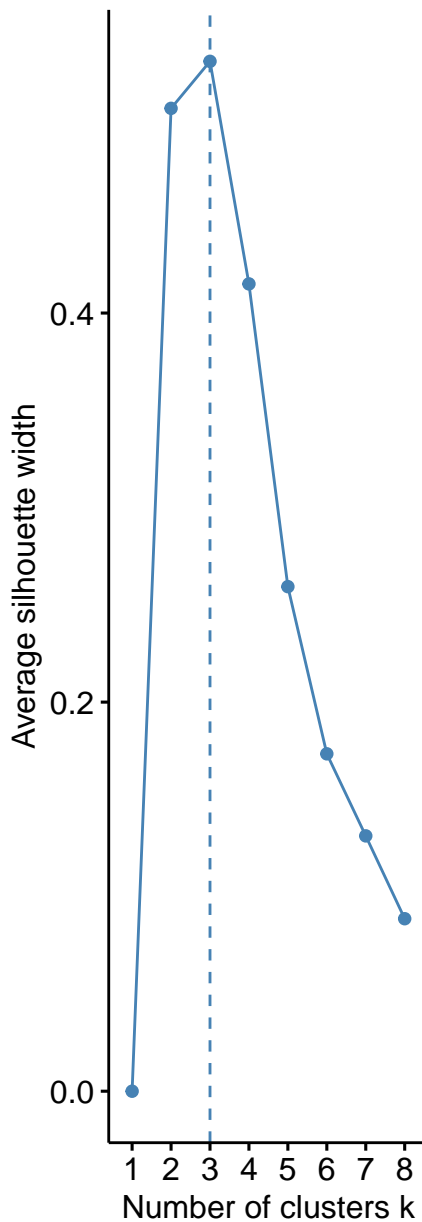
Optimal number of cl

Elbow method



Optimal number of c

Silhouette method



Optimal number of

Gap statistic method

