manhattan with k = 3
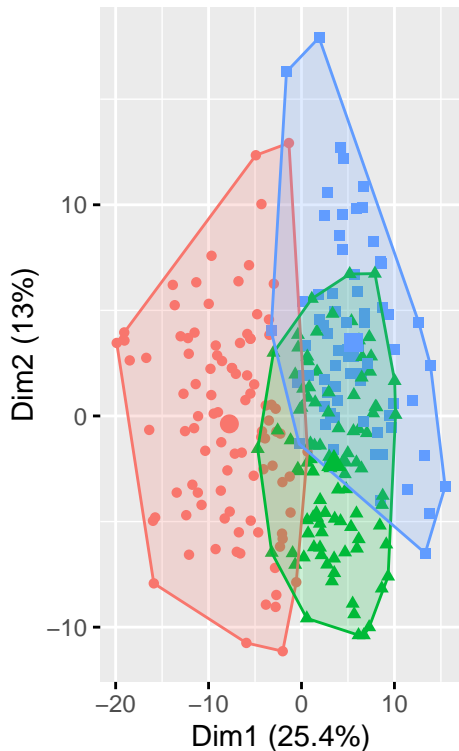
Cluster plot

Clusters silhouette plot
Average silhouette width: 0.09