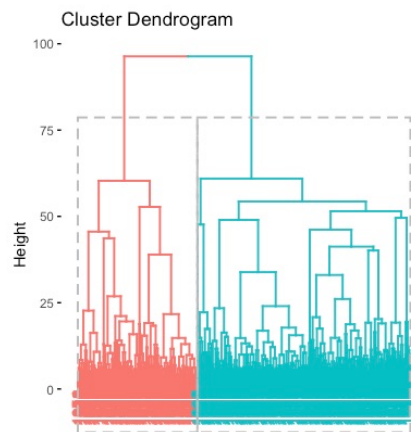
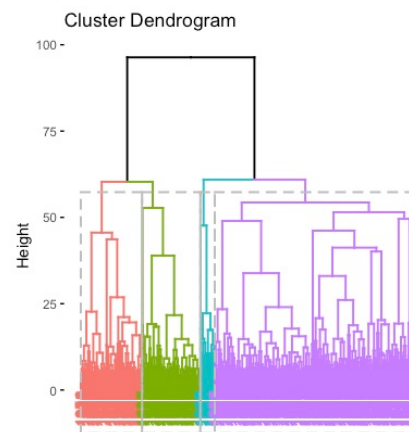


Team 8 Mid-Project Report: Plots

HClust



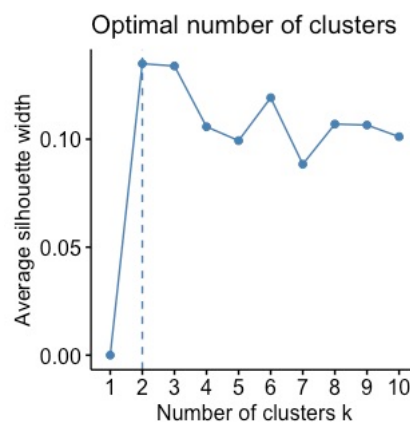
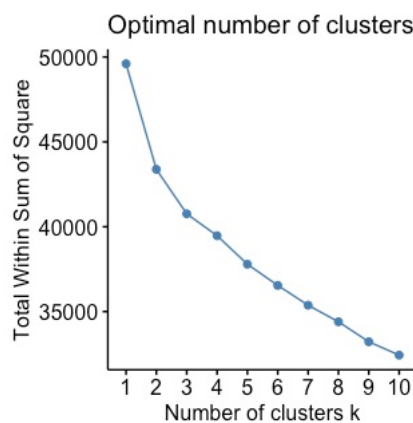
Centers = 2



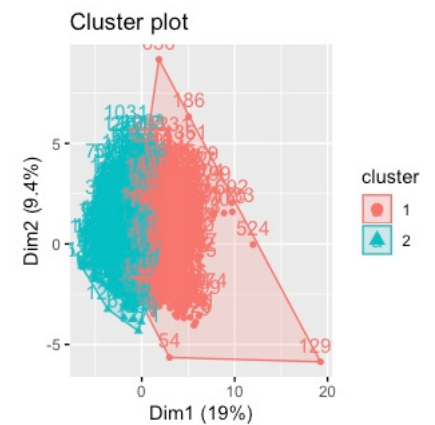
Centers = 4

KMeans

Initial WSS and Silhouette Score

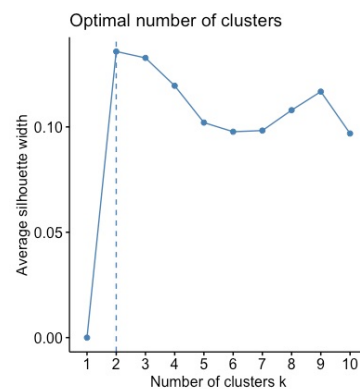
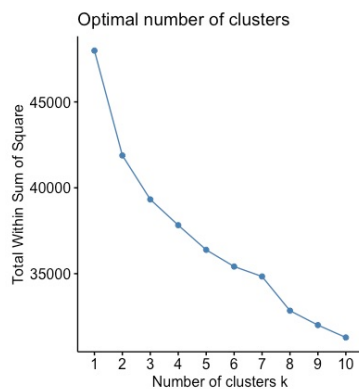


k = 2 Clusters

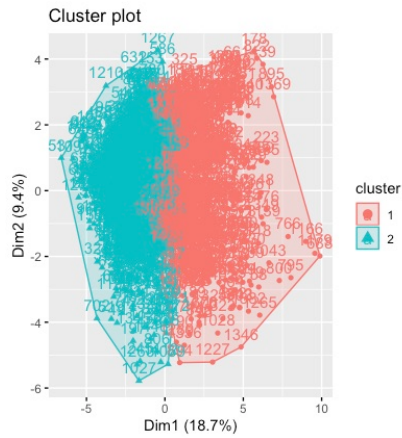


After removing outliers:

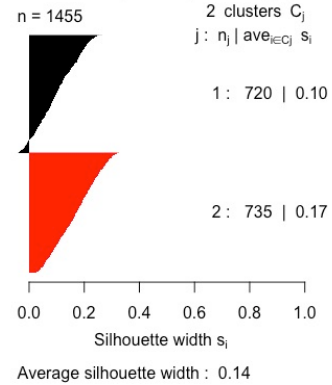
WSS and Silhouette Score



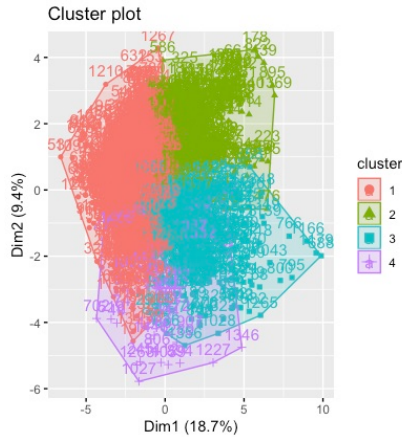
K = 2



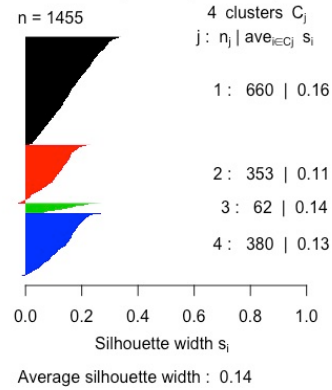
Silhouette plot of (x = kw2_c\$clust



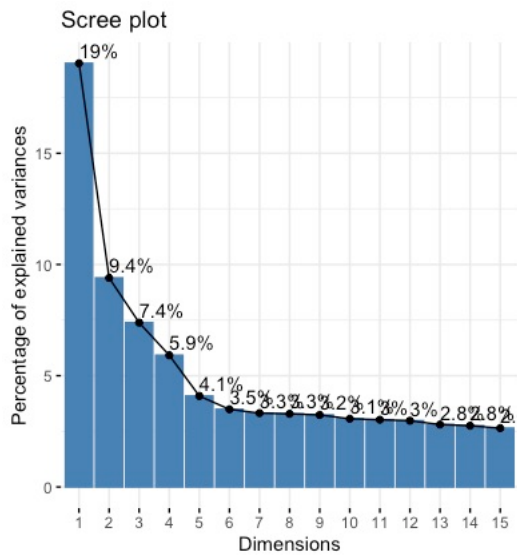
K = 4



Silhouette plot of (x = kw4\$cluster,

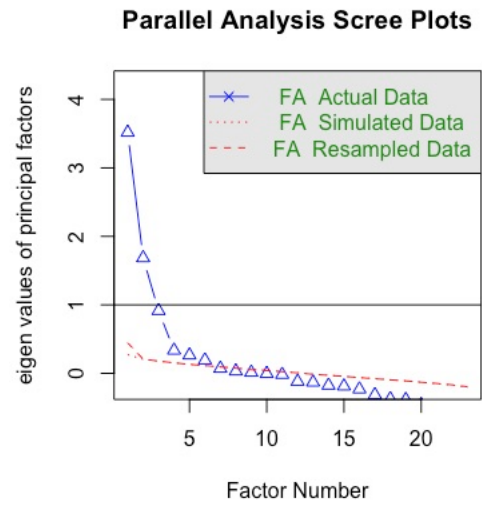
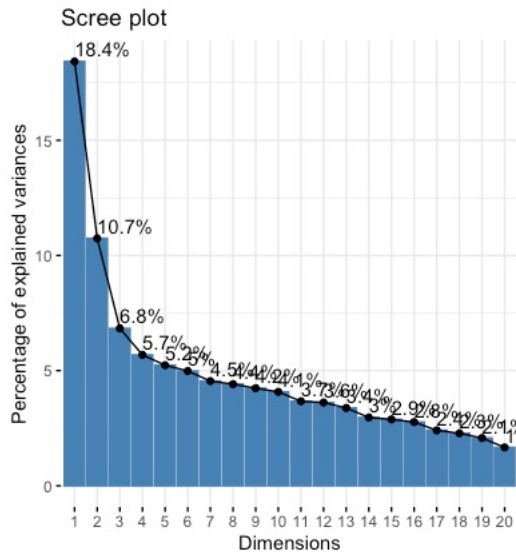


PCA



	eigenvalue	variance.percent	cumulative.variance.percent
Dim.1	6.47472789546151	19.0433173395927	19.0433173395927
Dim.2	3.19497140728789	9.39697472731732	28.44029206691
Dim.3	2.51065562052352	7.38428123683388	35.8245733037439
Dim.4	2.012594570125	5.91939579448529	41.7439690982292
Dim.5	1.38944867905997	4.08661376194109	45.8305828601703
Dim.6	1.18626803064149	3.48902361953381	49.3196064797041
Dim.7	1.12787562258008	3.31728124288259	52.6368877225867
Dim.8	1.11761197721899	3.28709405064408	55.9239817732307
Dim.9	1.10036297045617	3.23636167781225	59.160343451043
Dim.10	1.04222550577265	3.06536913462544	62.2257125856684
Dim.11	1.02707705116506	3.02081485636782	65.2465274420362
Dim.12	1.0119145210646	2.97621917960175	68.222746621638
Dim.13	0.953758459543473	2.80517193983375	71.0279185614717

EFA



Factor Analysis

