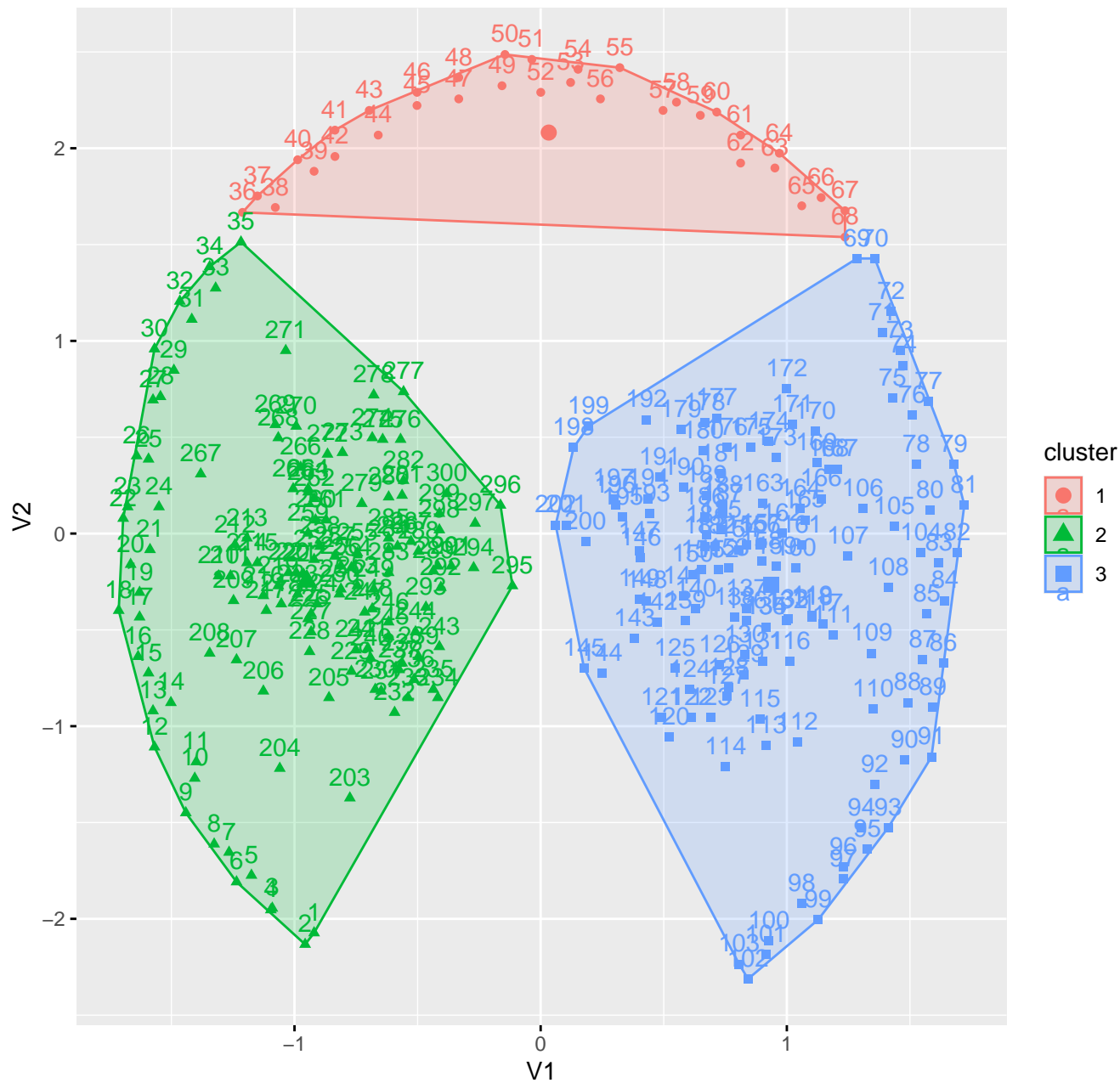
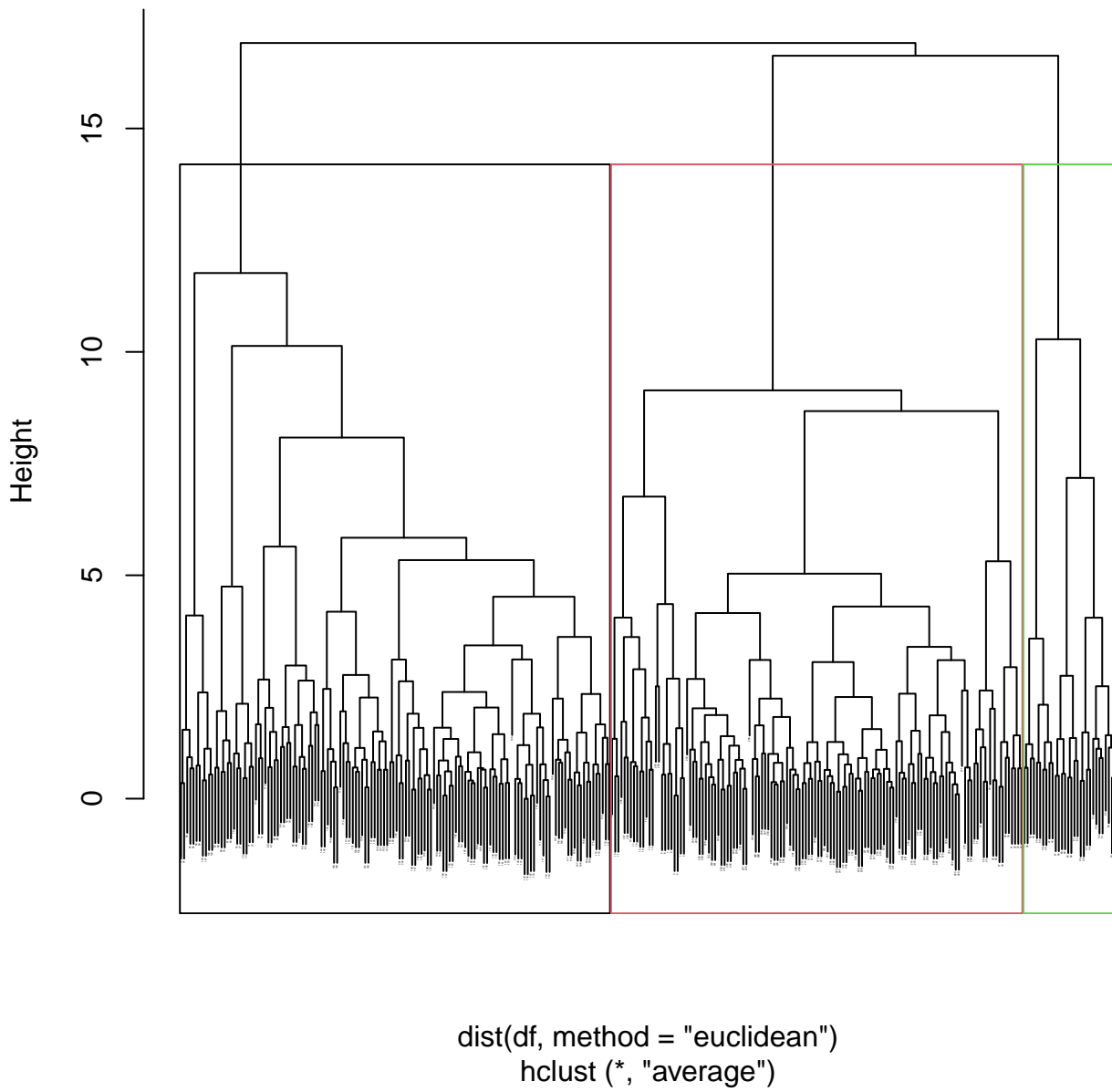
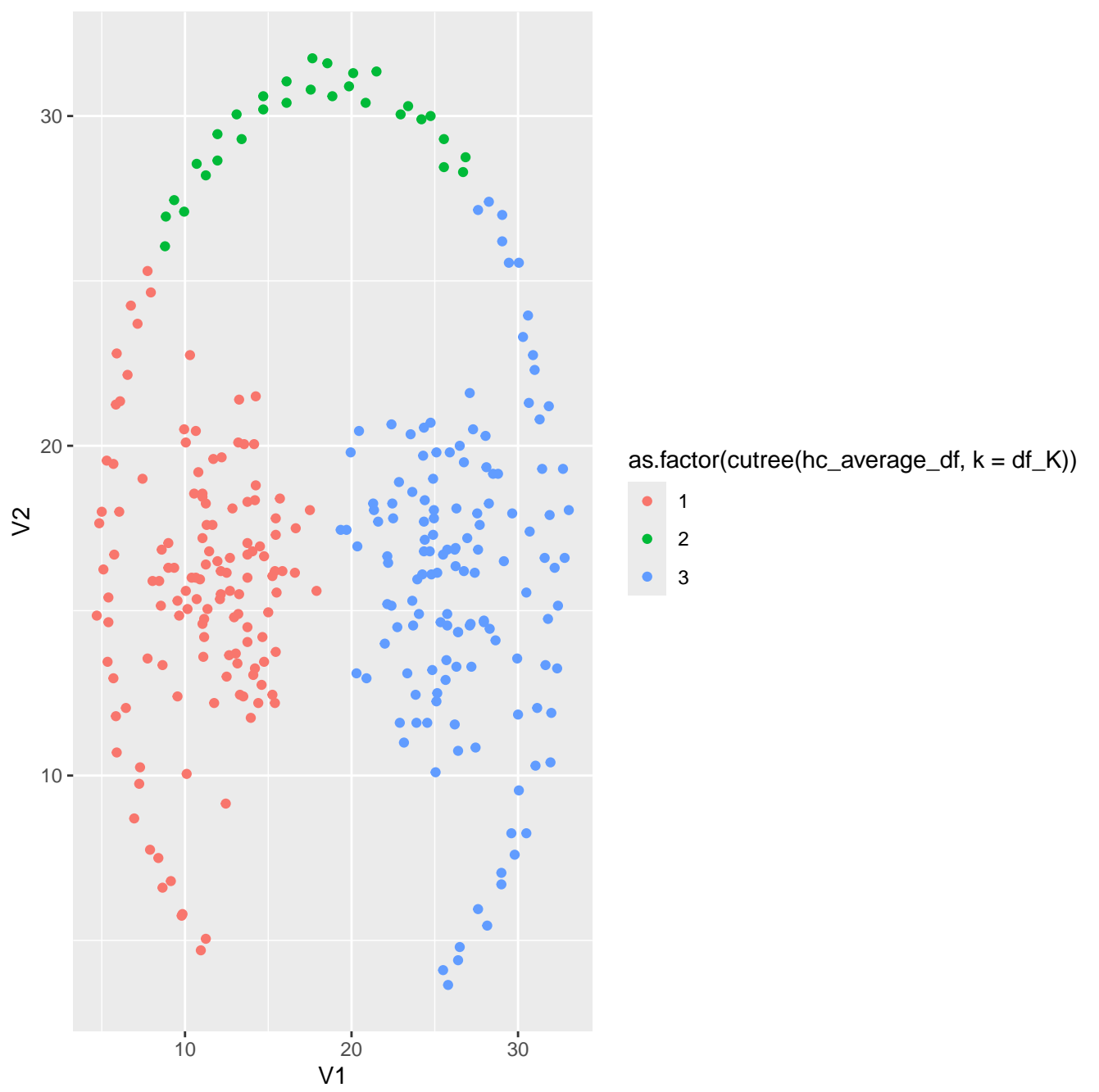


knn clustering pathbased

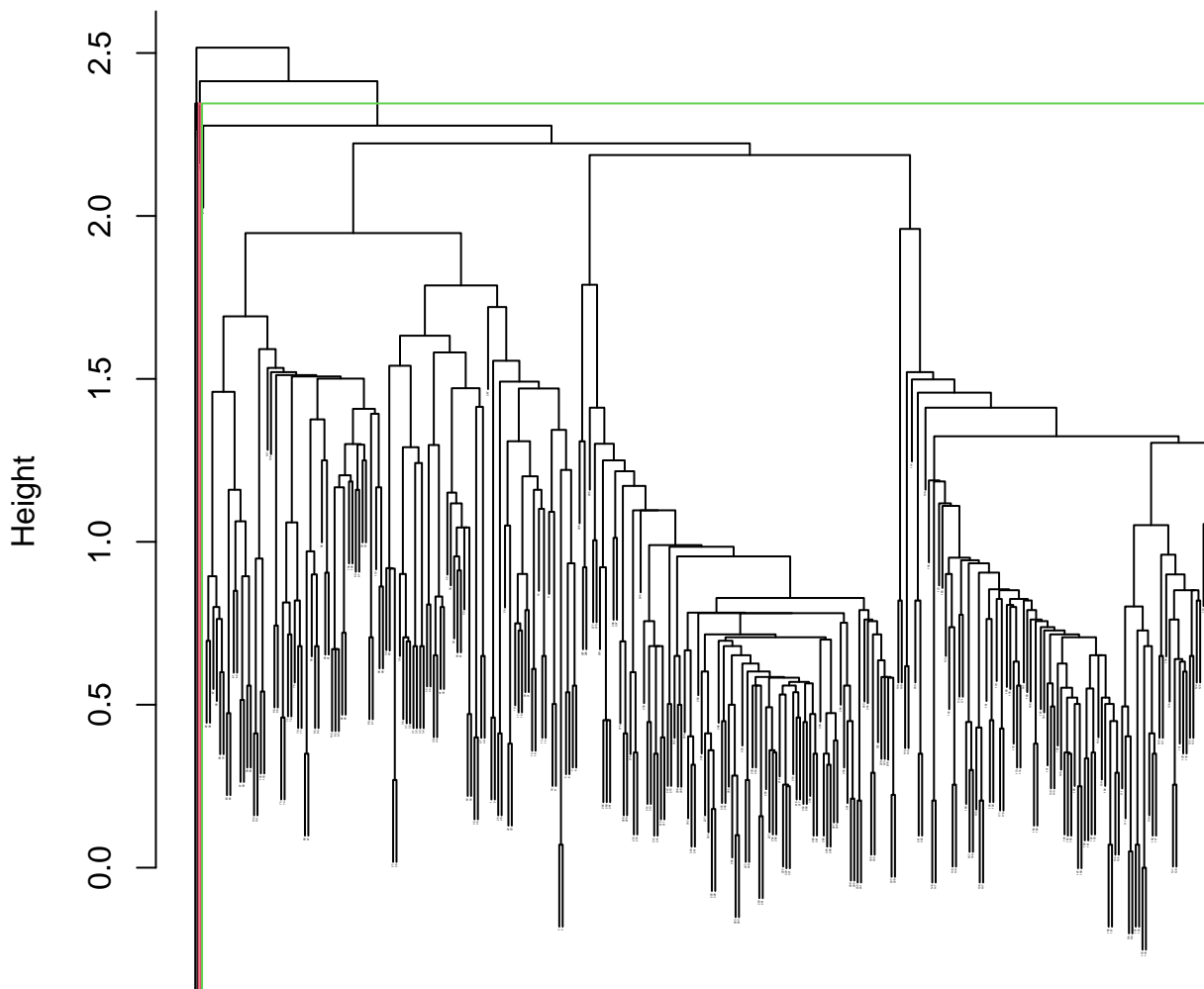


average hc for pathbased

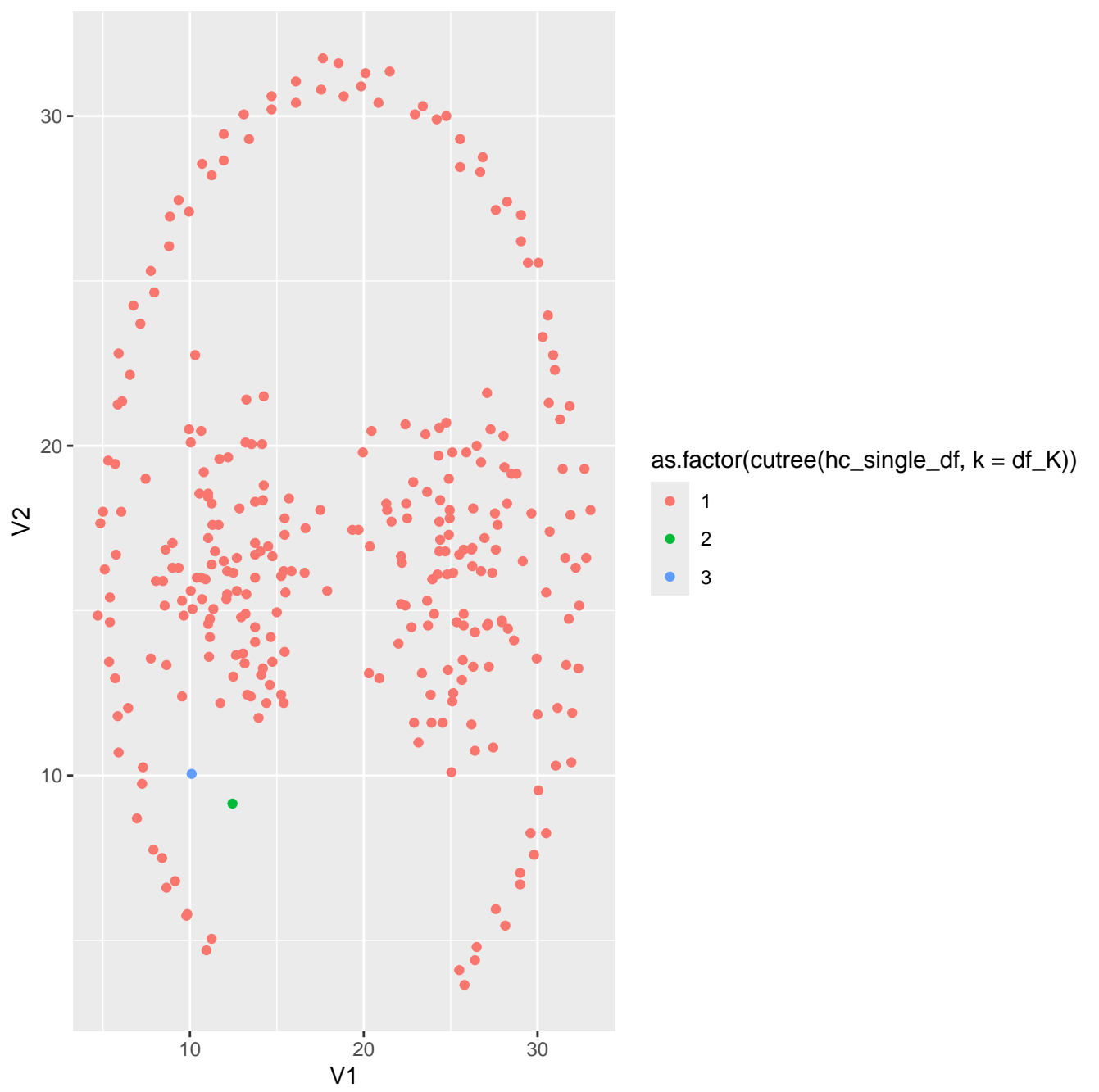




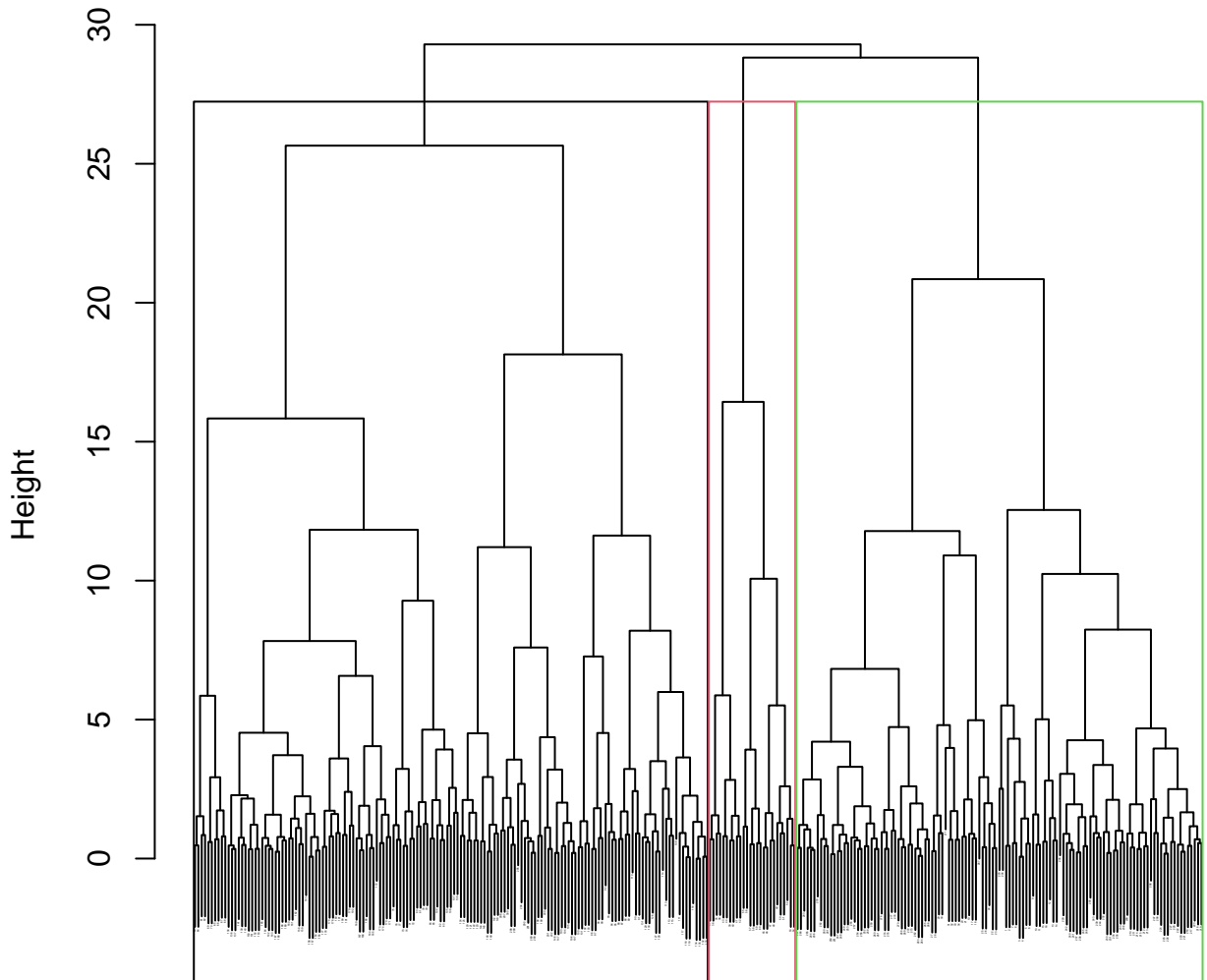
single hc for pathbased

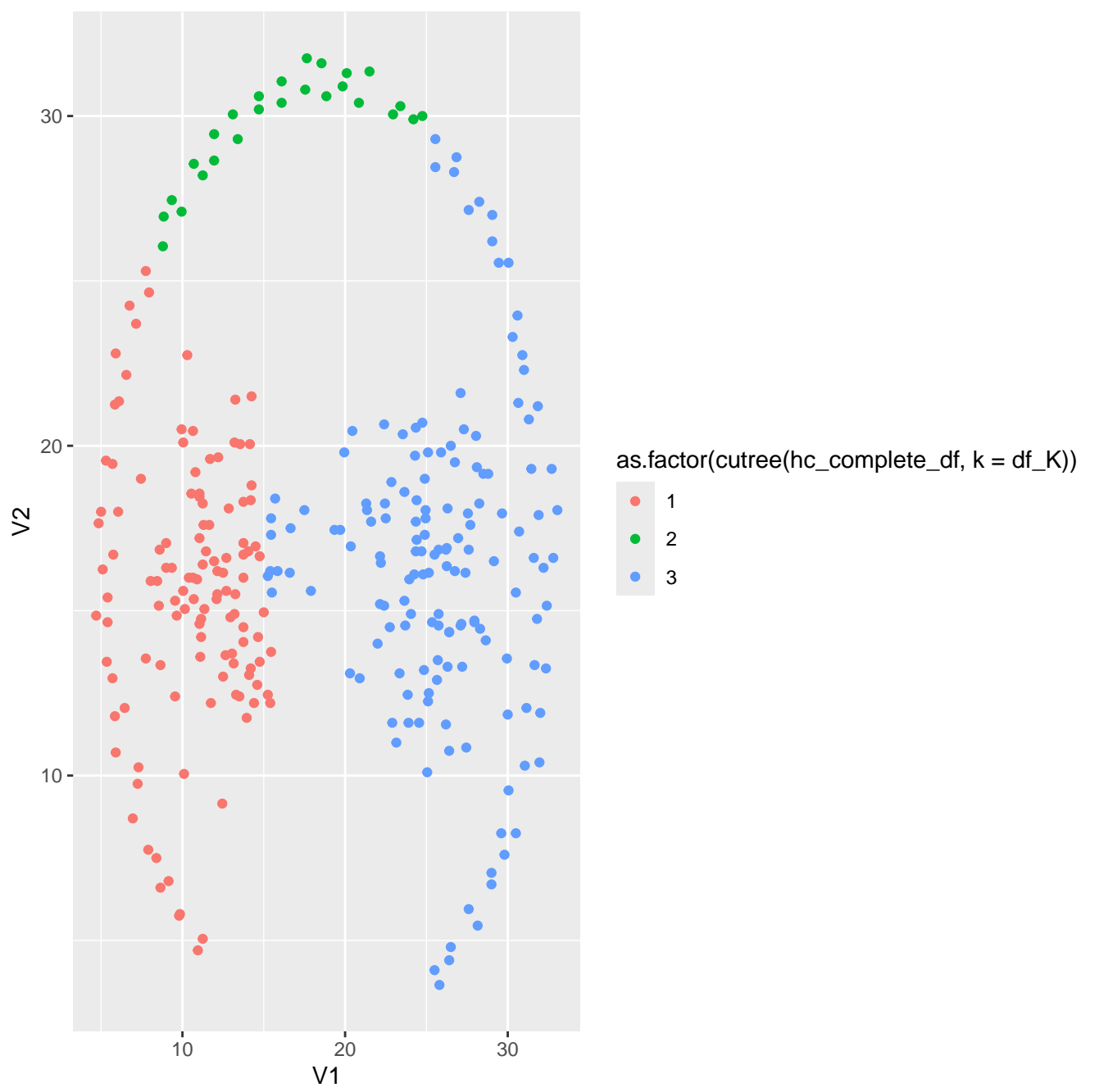


dist(df, method = "euclidean")
hclust (*, "single")

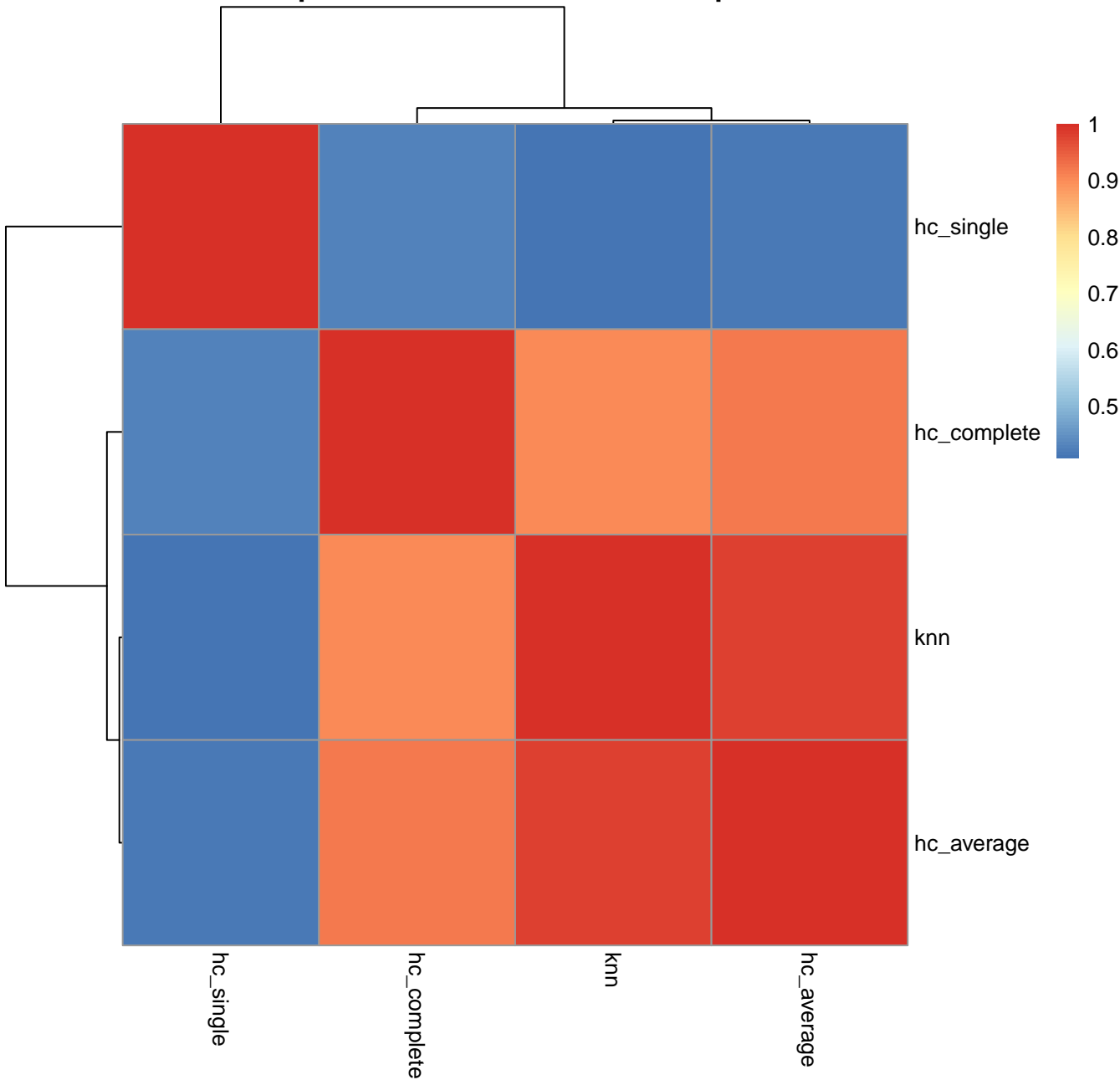


```
dist(df, method = "euclidean")
hclust (*, "complete")
```

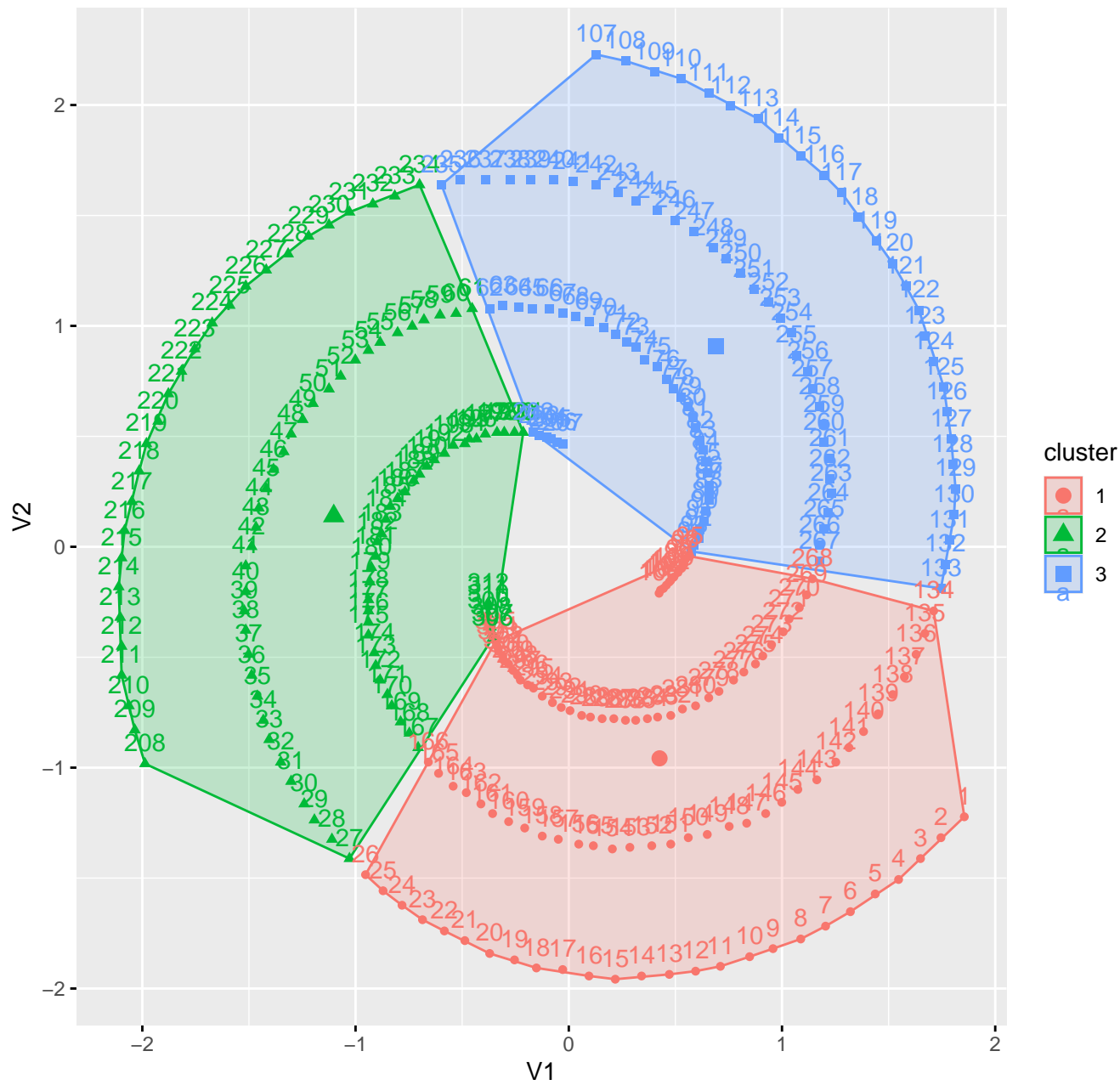




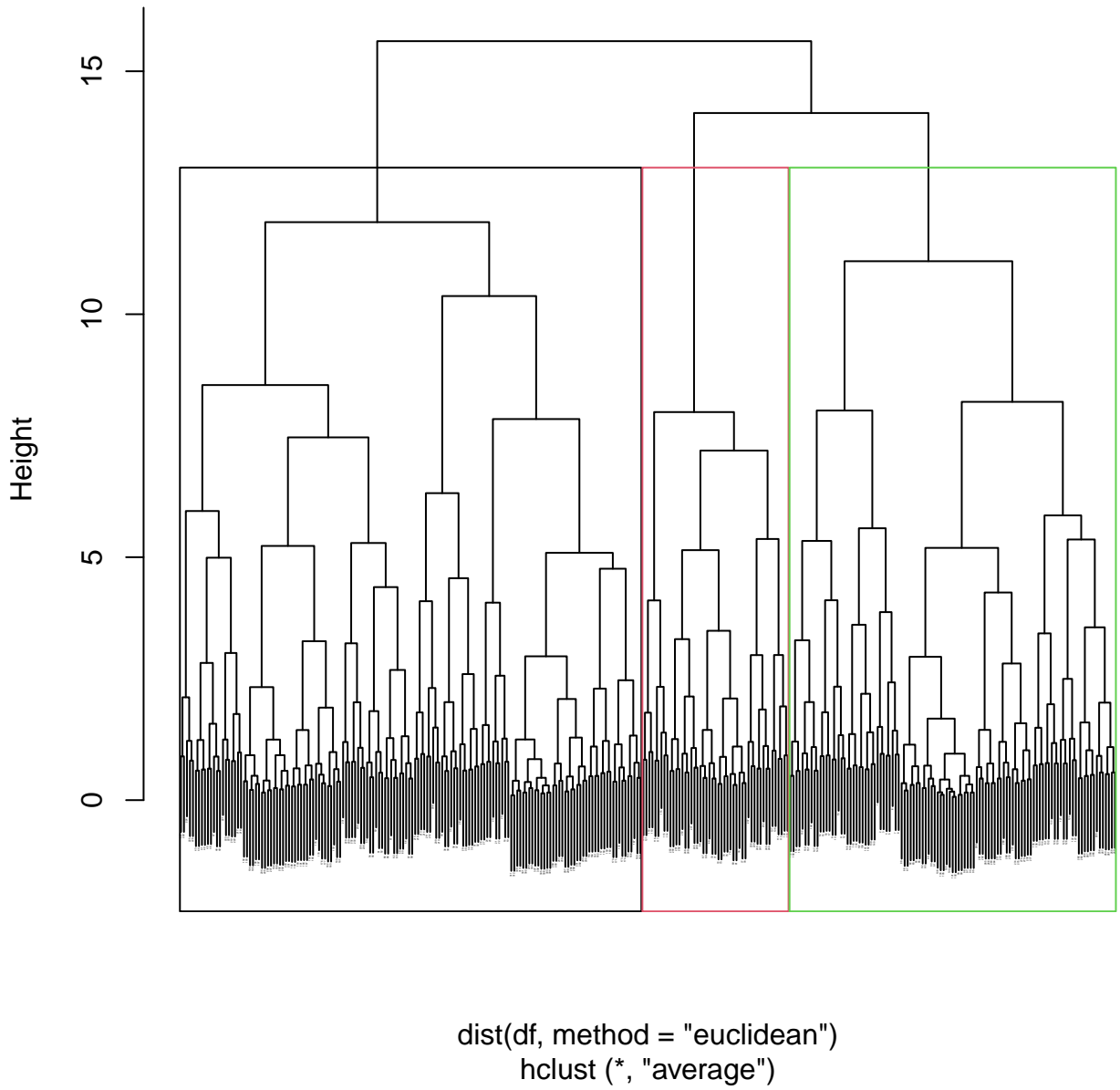
pathbased rand index heatmap

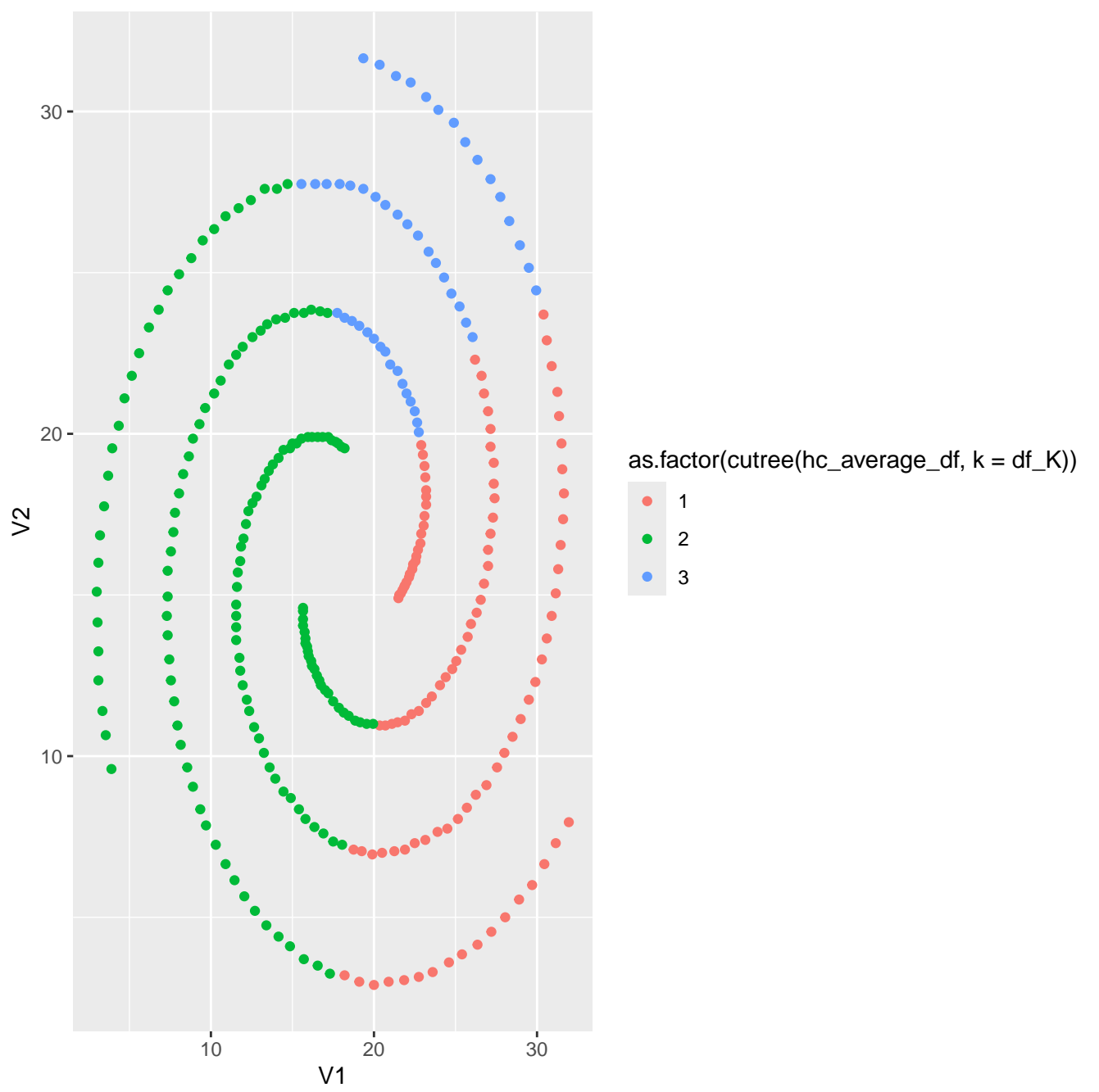


knn clustering spiral

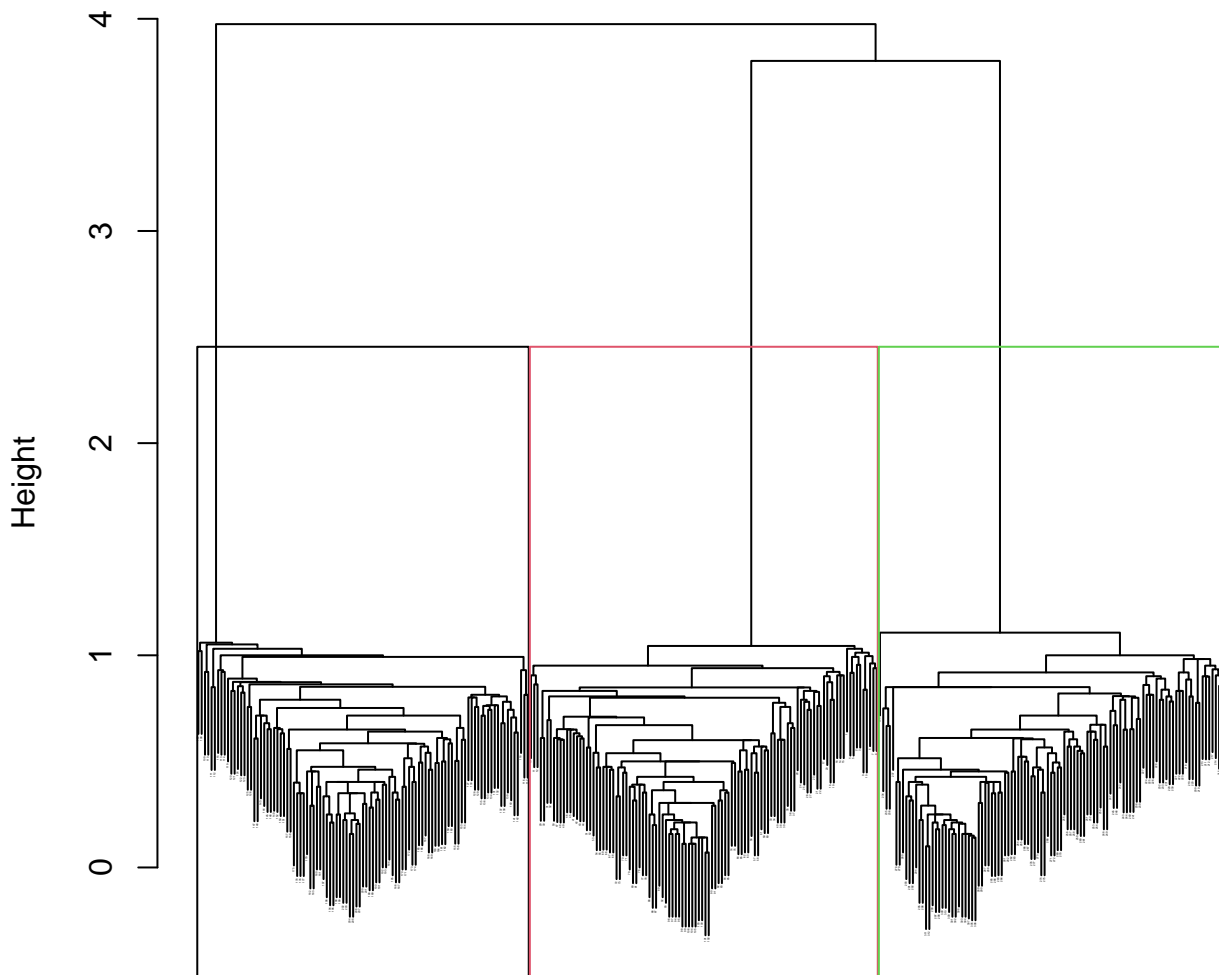


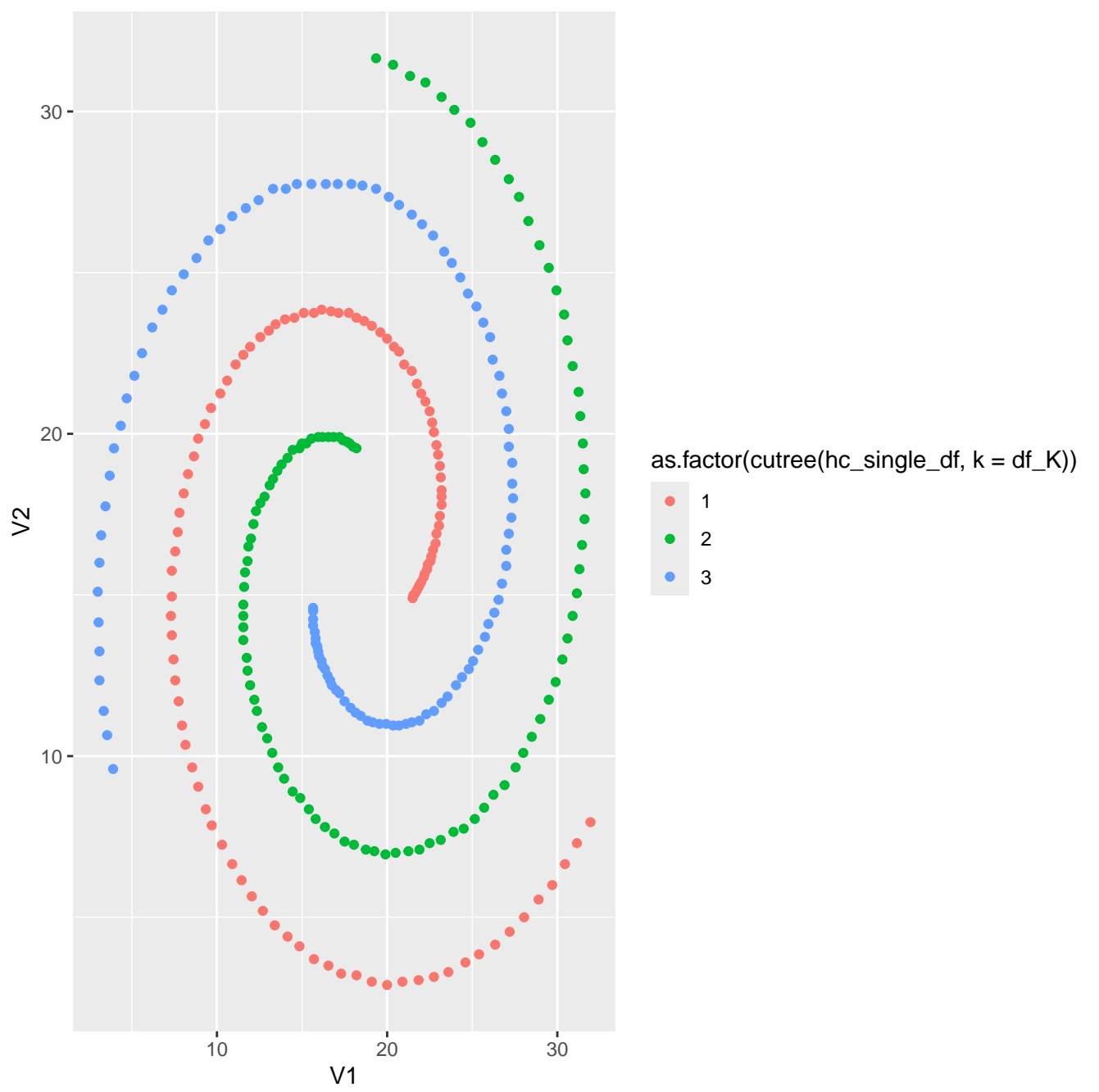
average hc for spiral



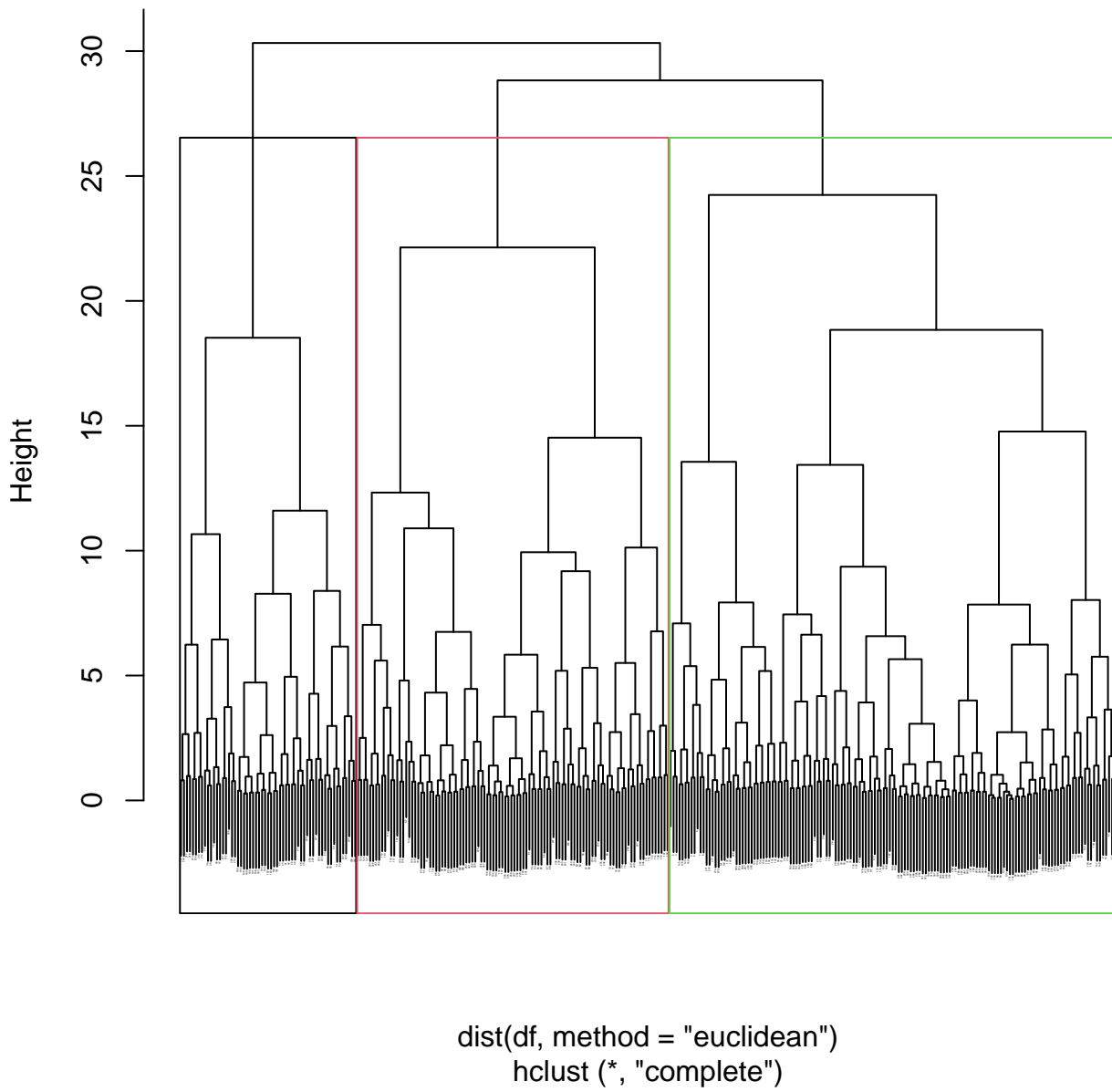


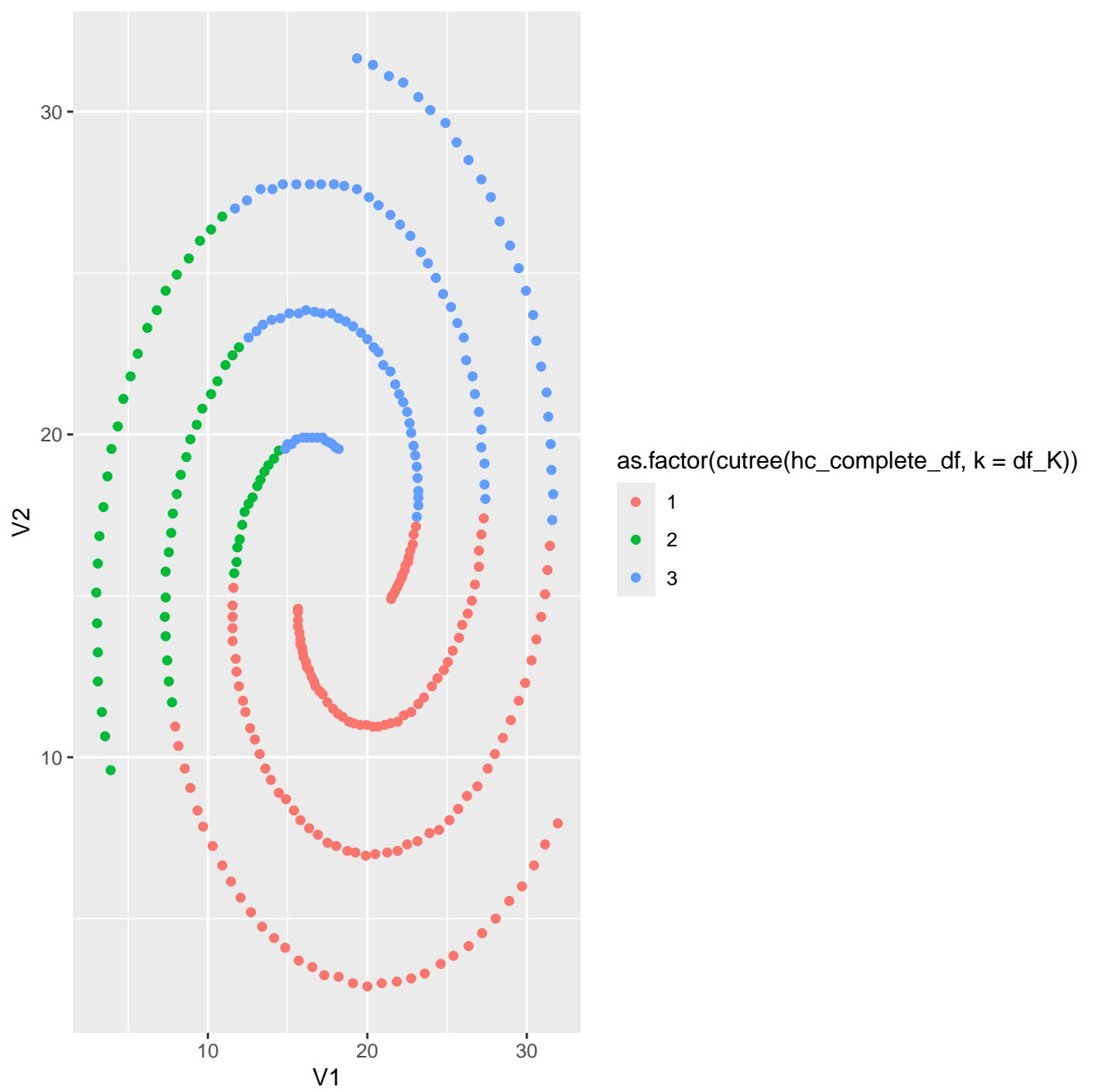
single hc for spiral



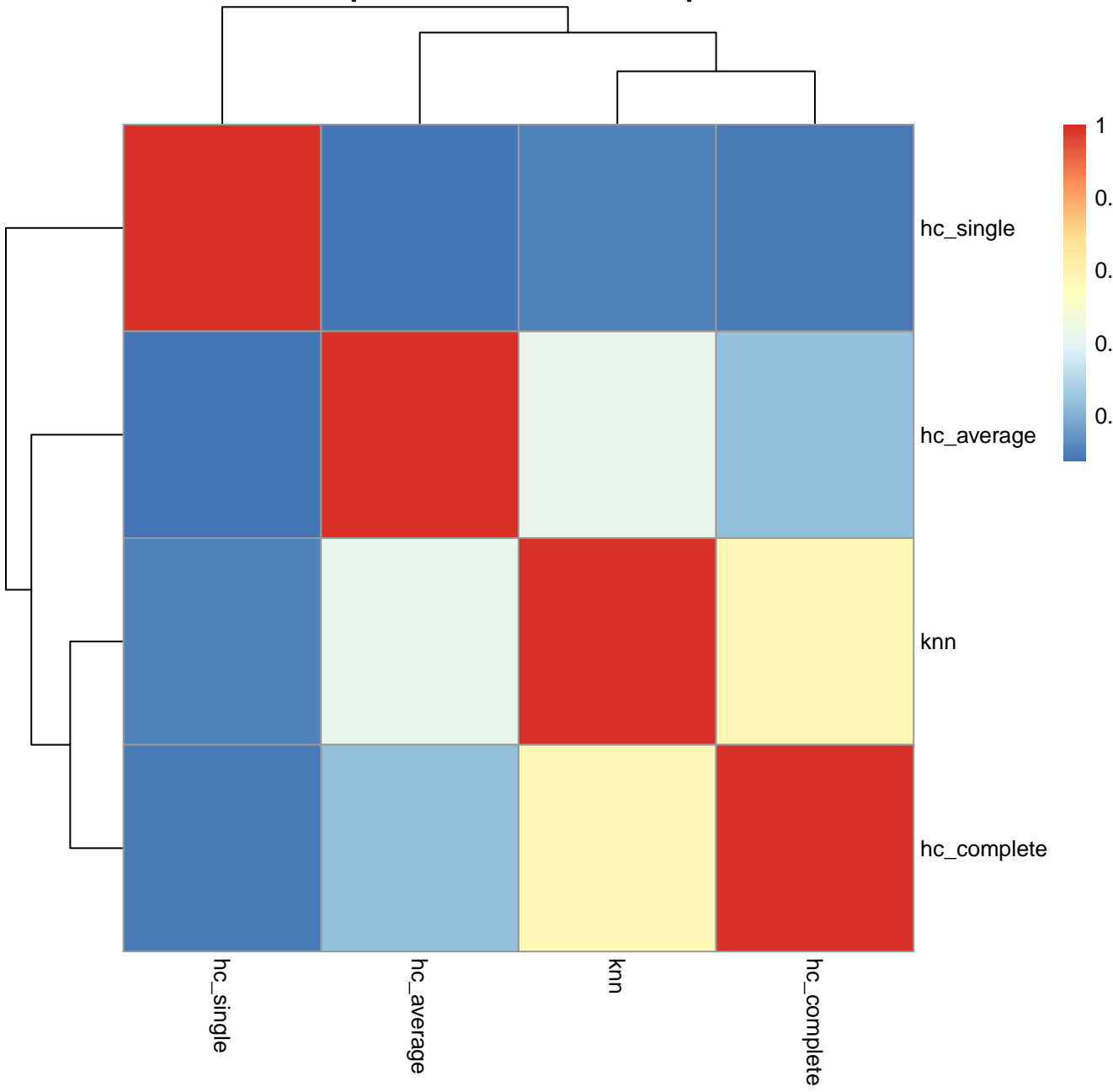


complete hc for spiral

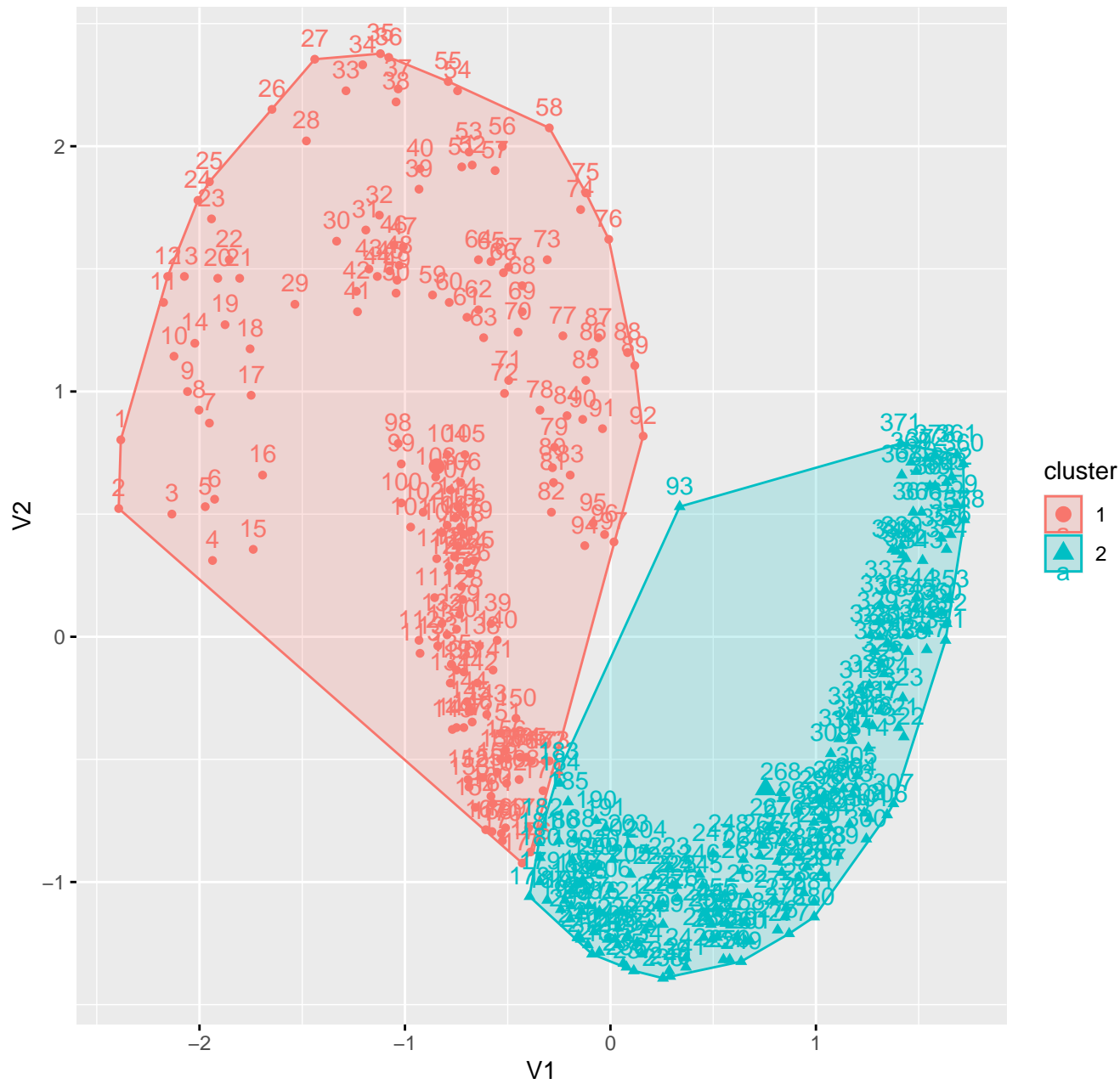




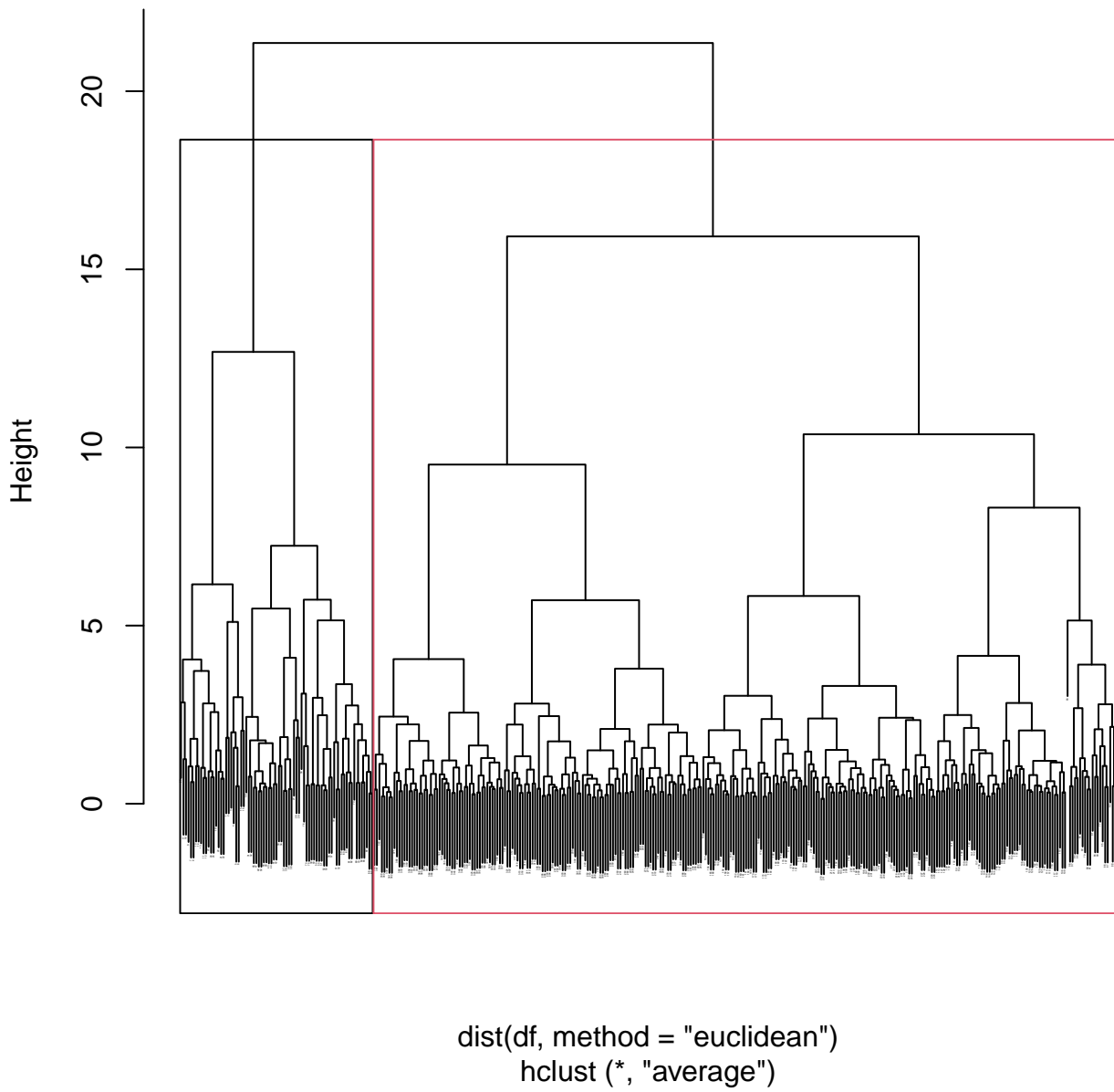
spiral rand index heatmap

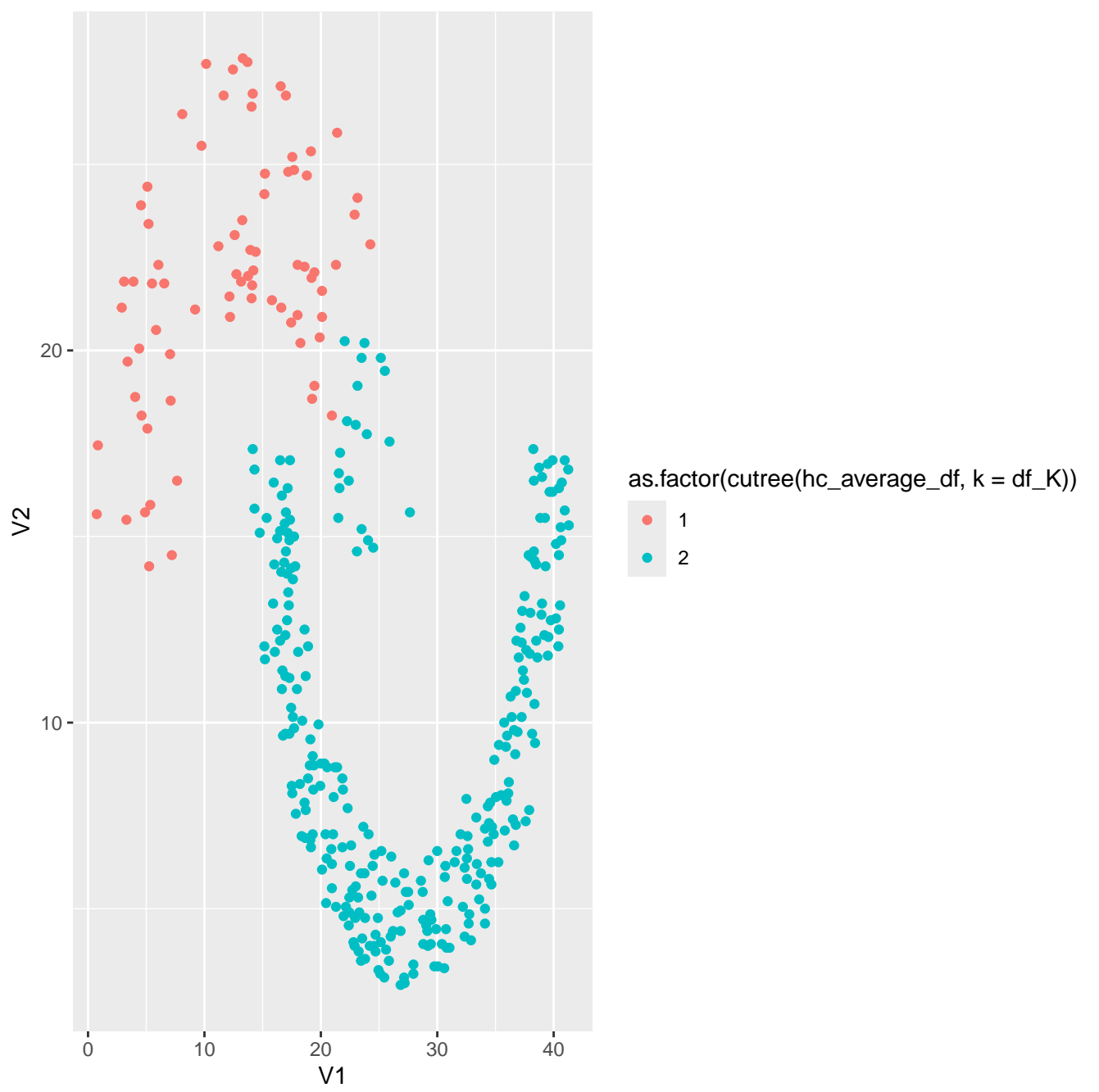


knn clustering jain

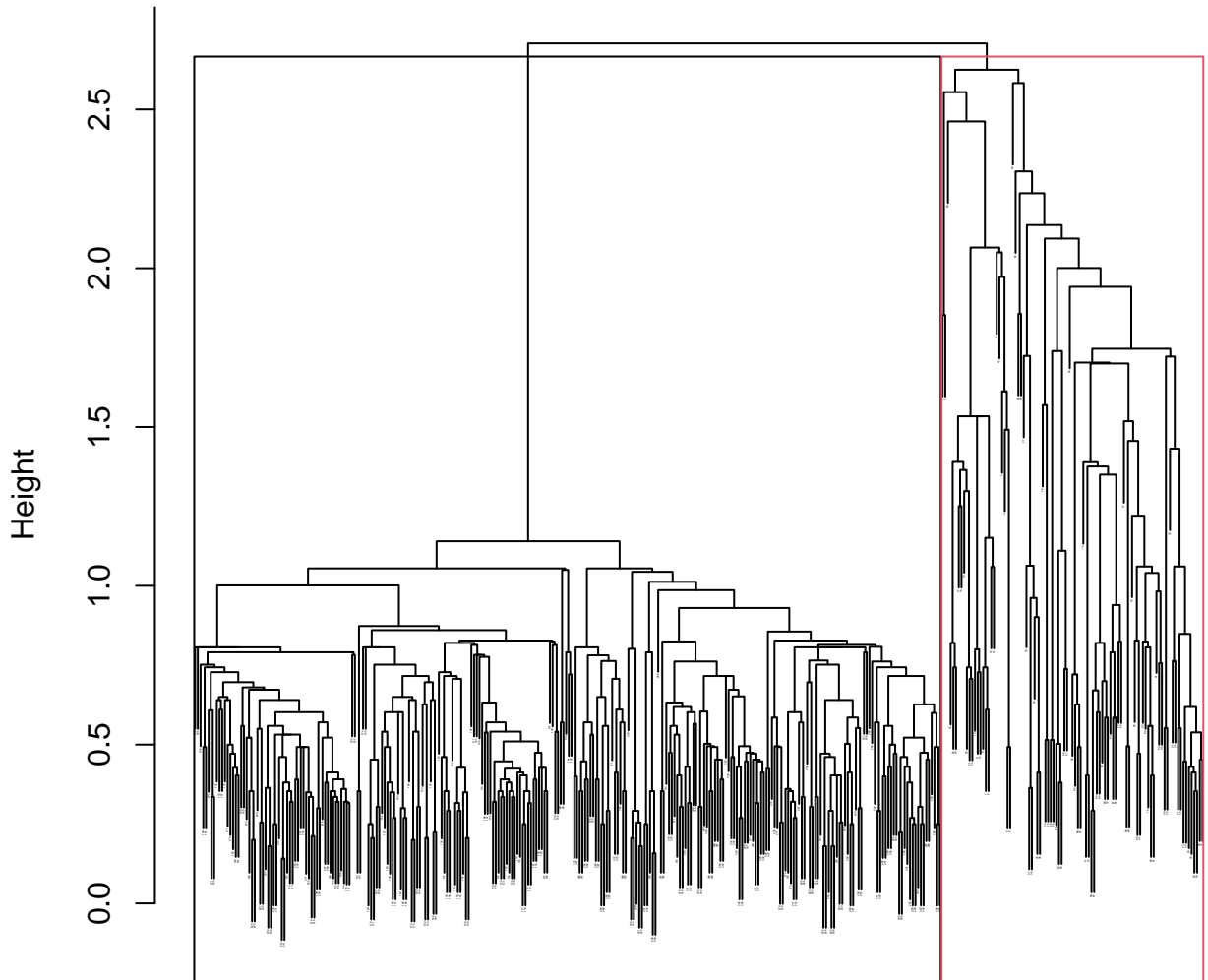


average hc for jain

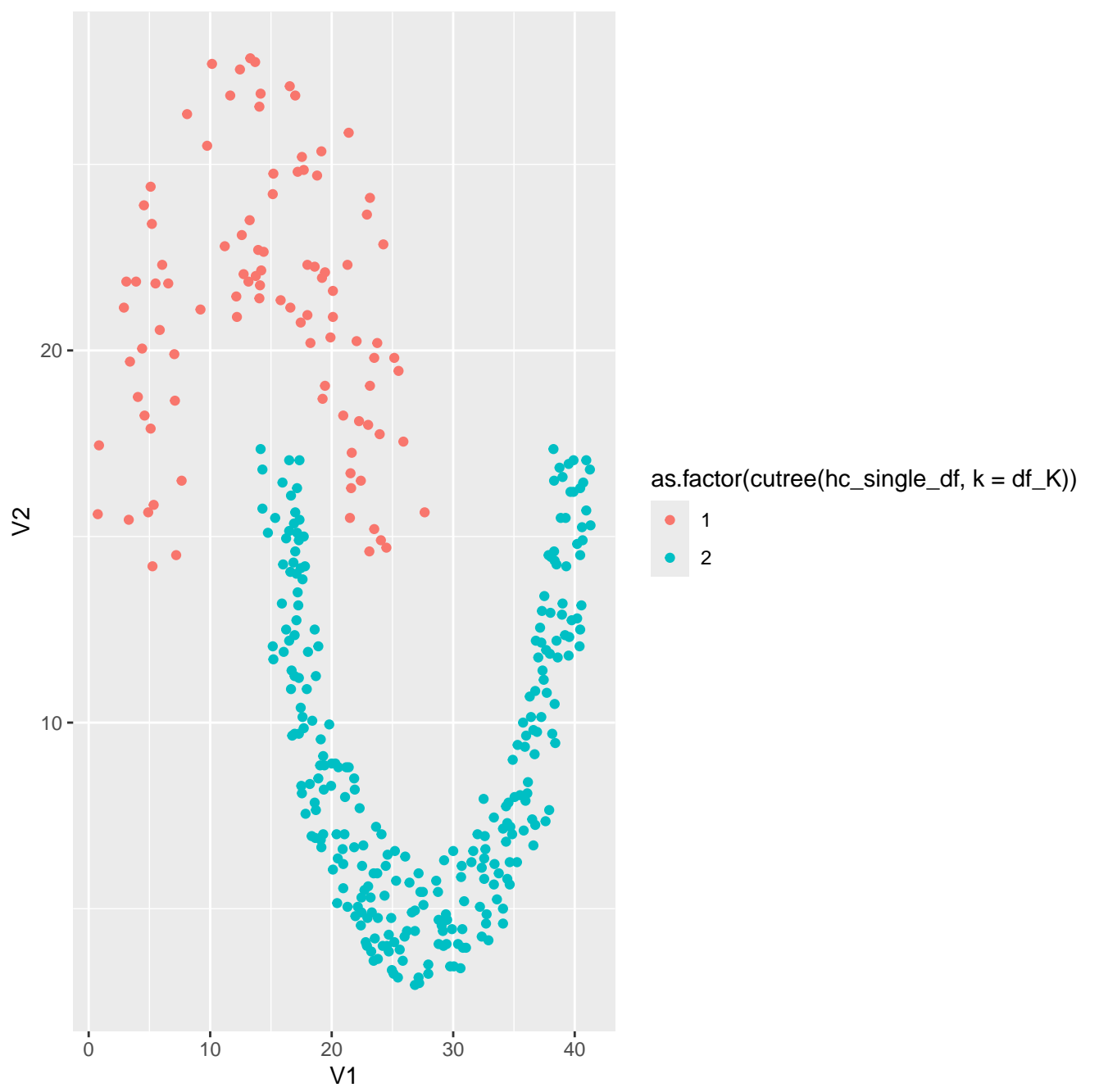




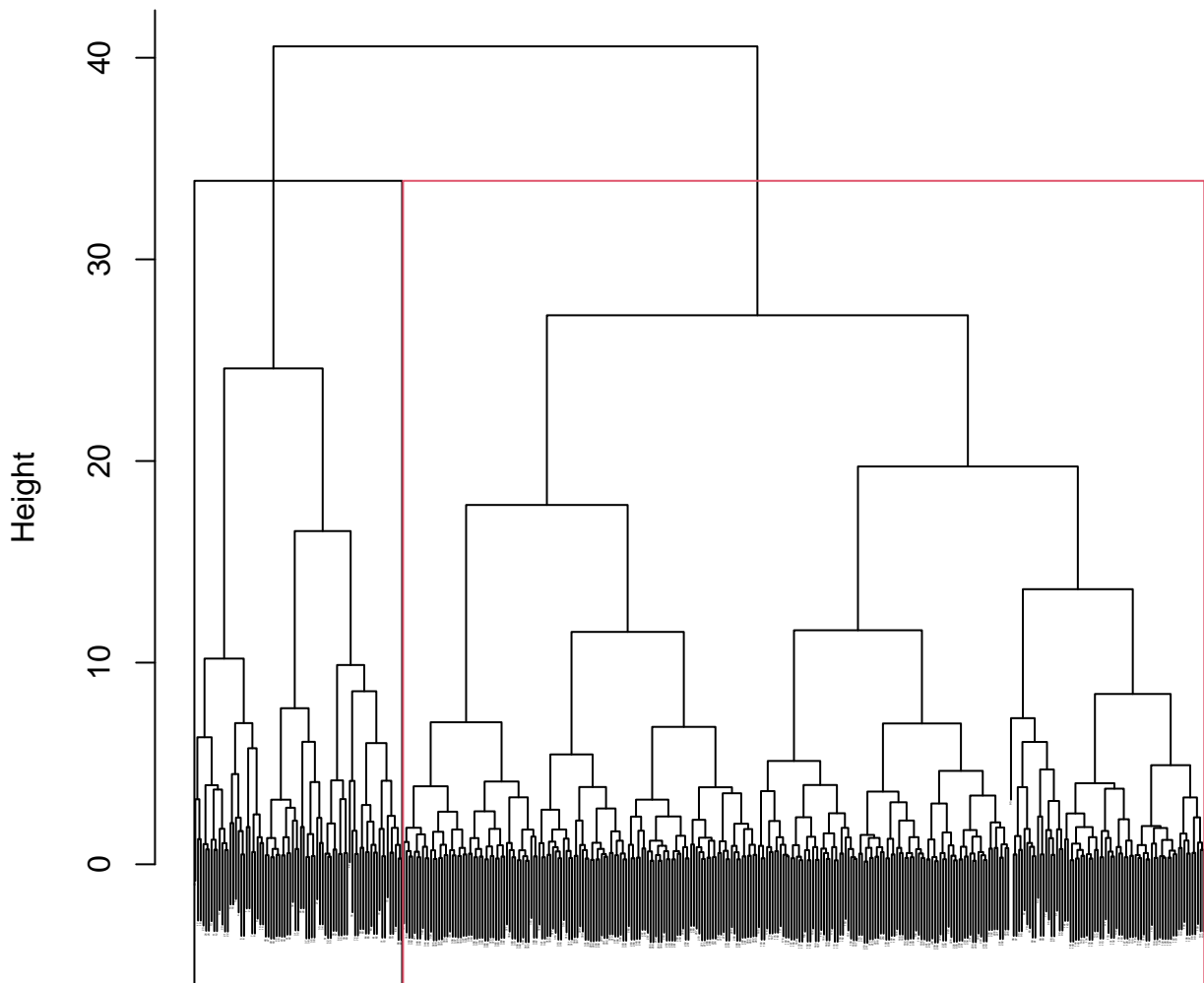
single hc for jain



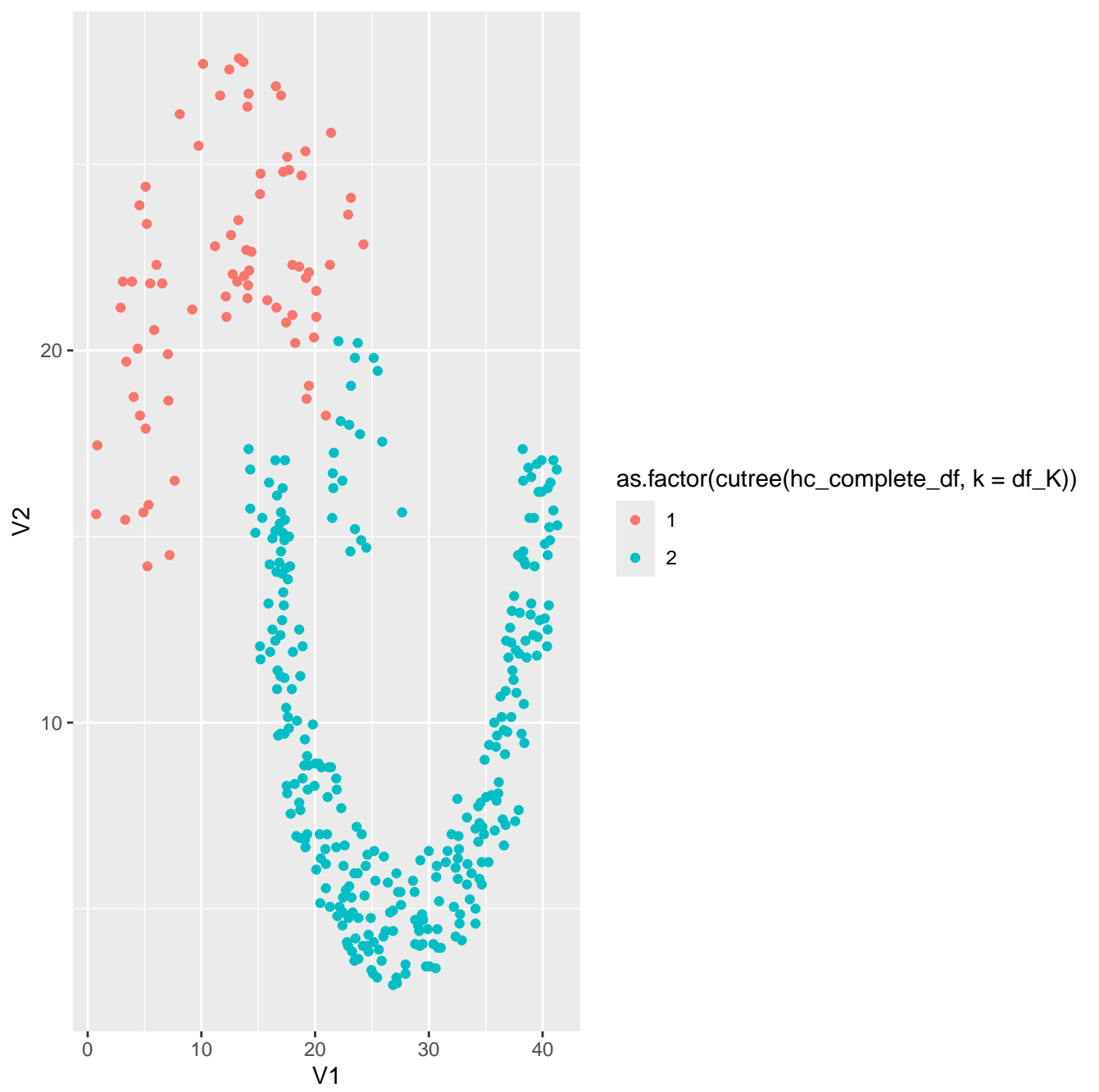
dist(df, method = "euclidean")
hclust (*, "single")



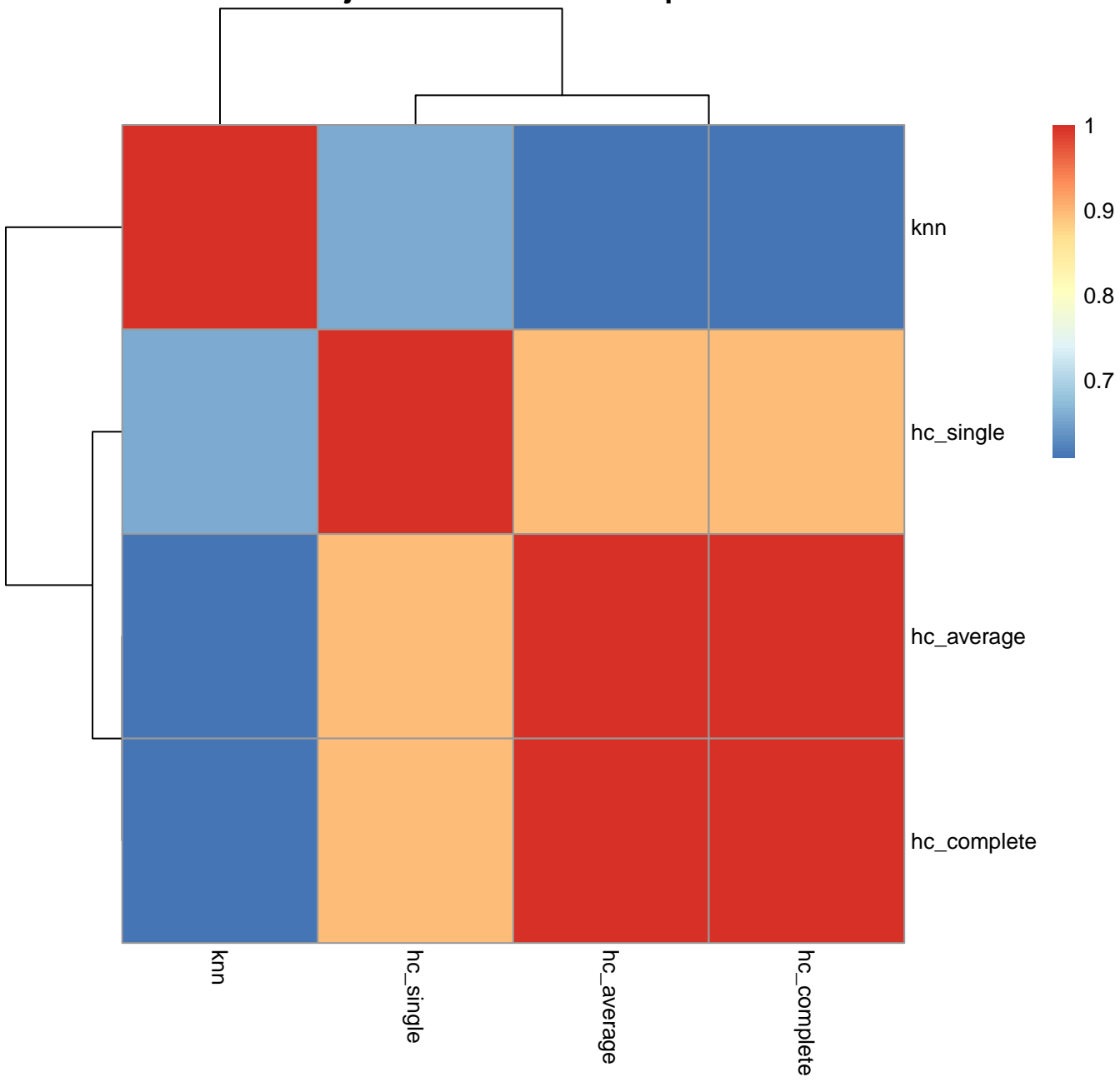
complete hc for jain



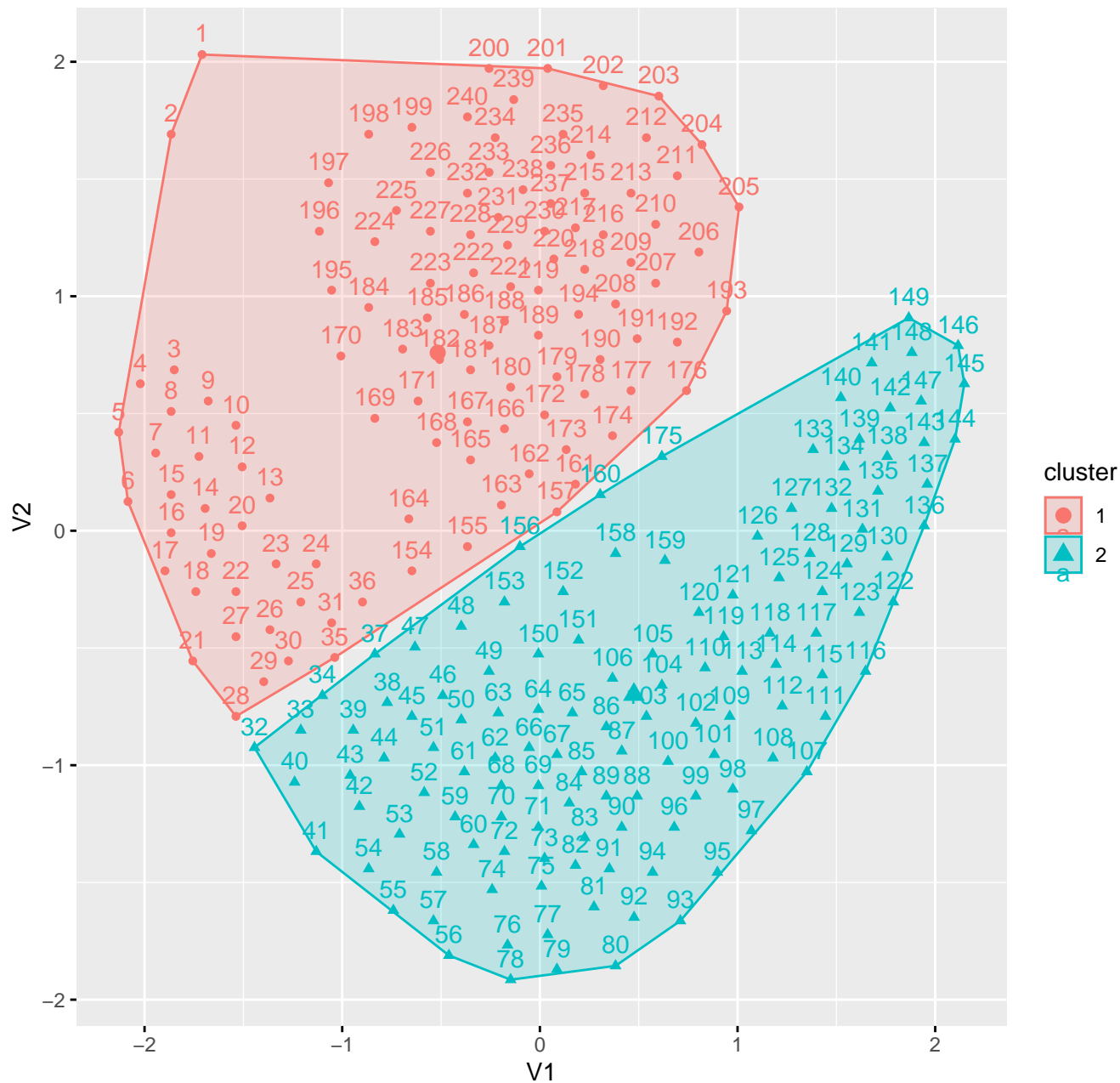
`dist(df, method = "euclidean")`
`hclust (*, "complete")`



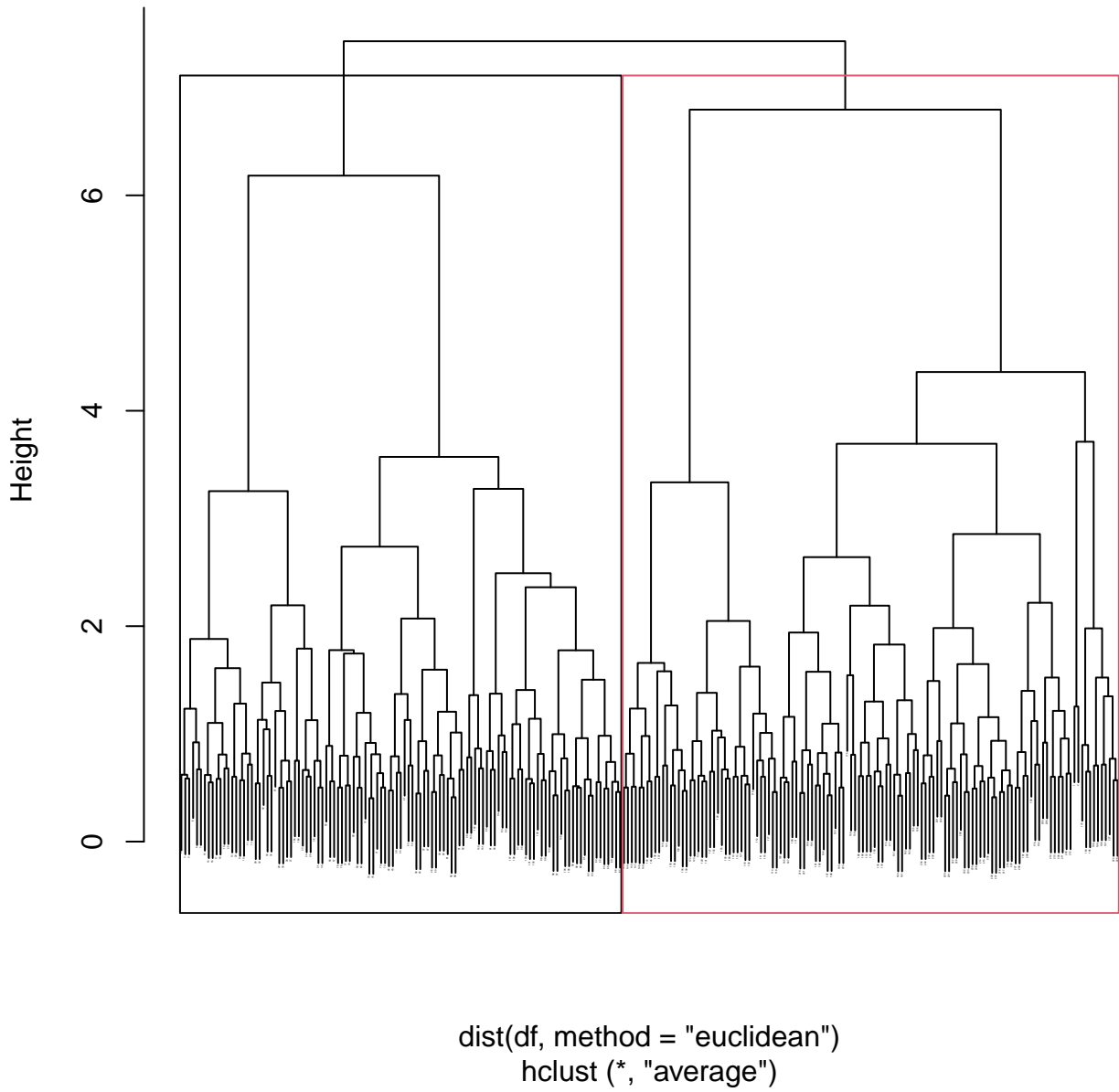
jain rand index heatmap

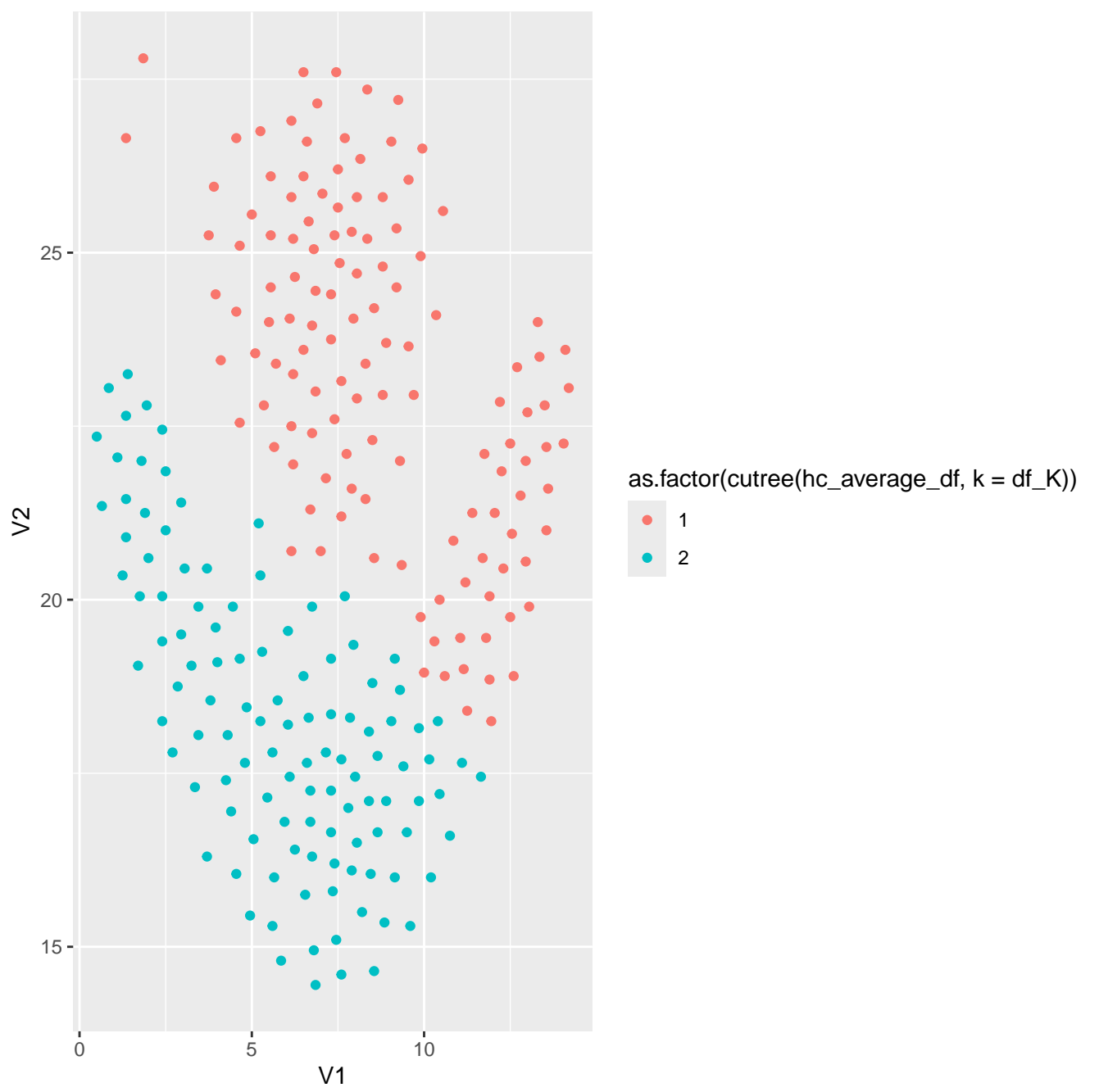


knn clustering flame

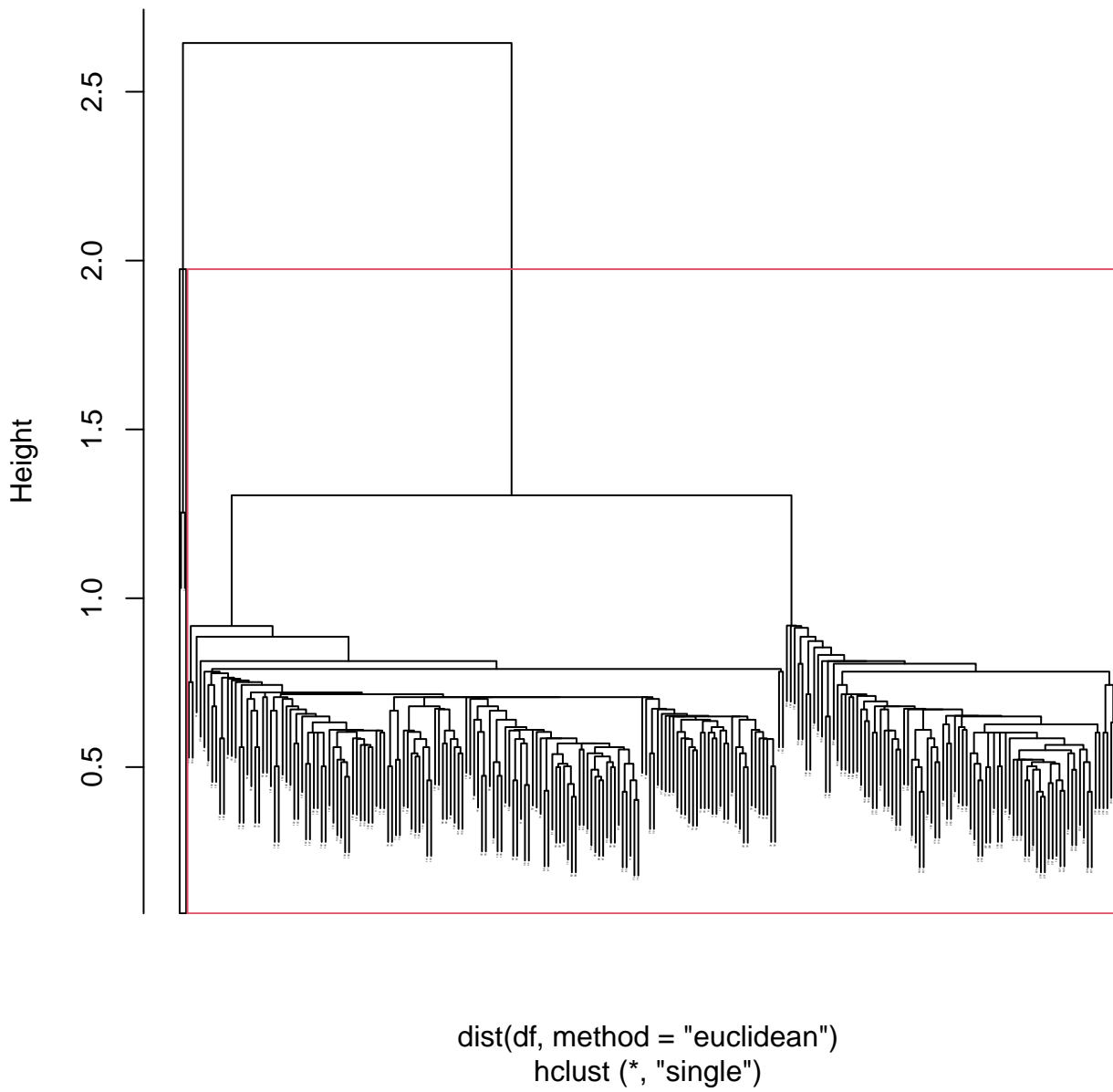


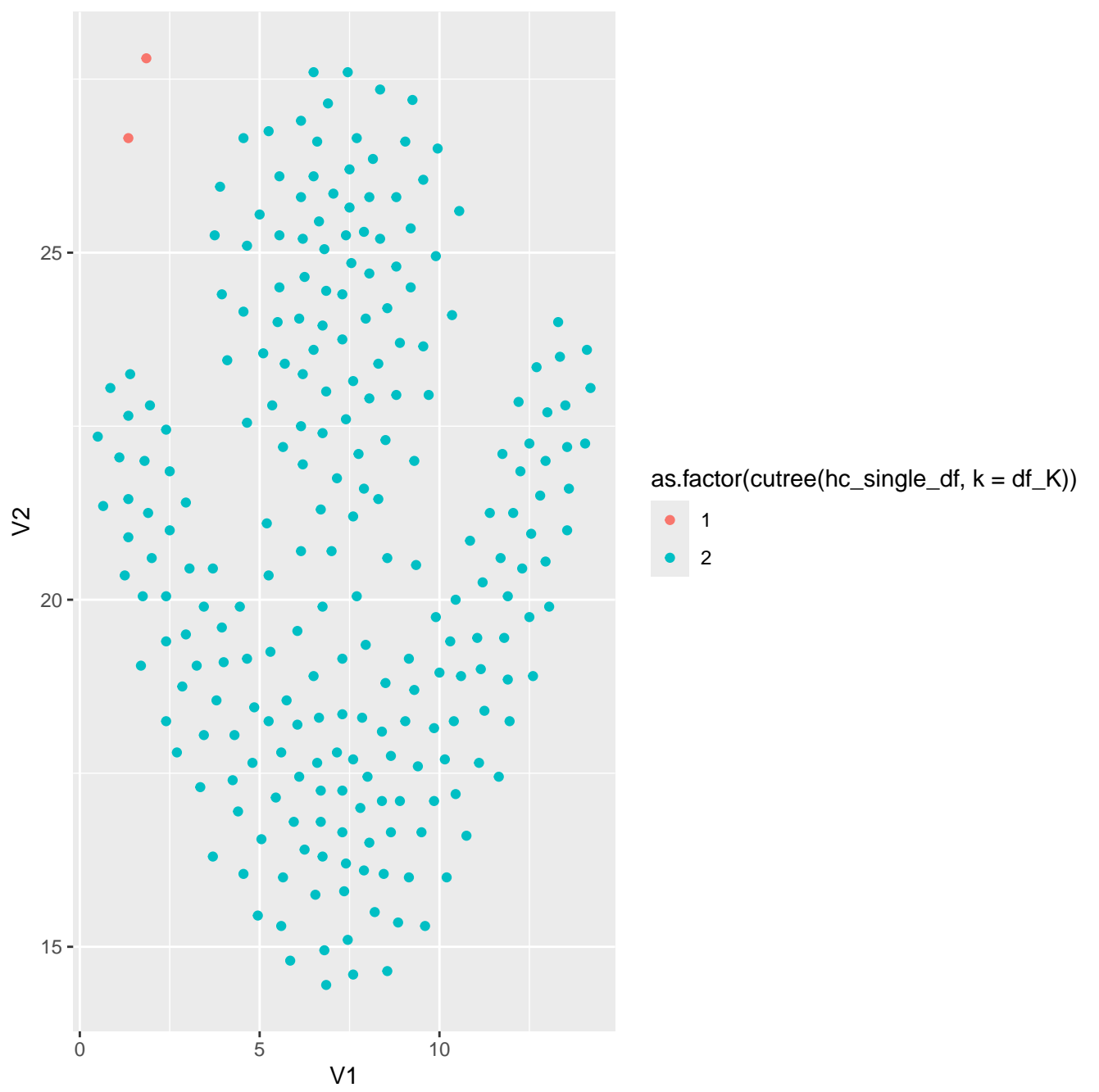
average hc for flame



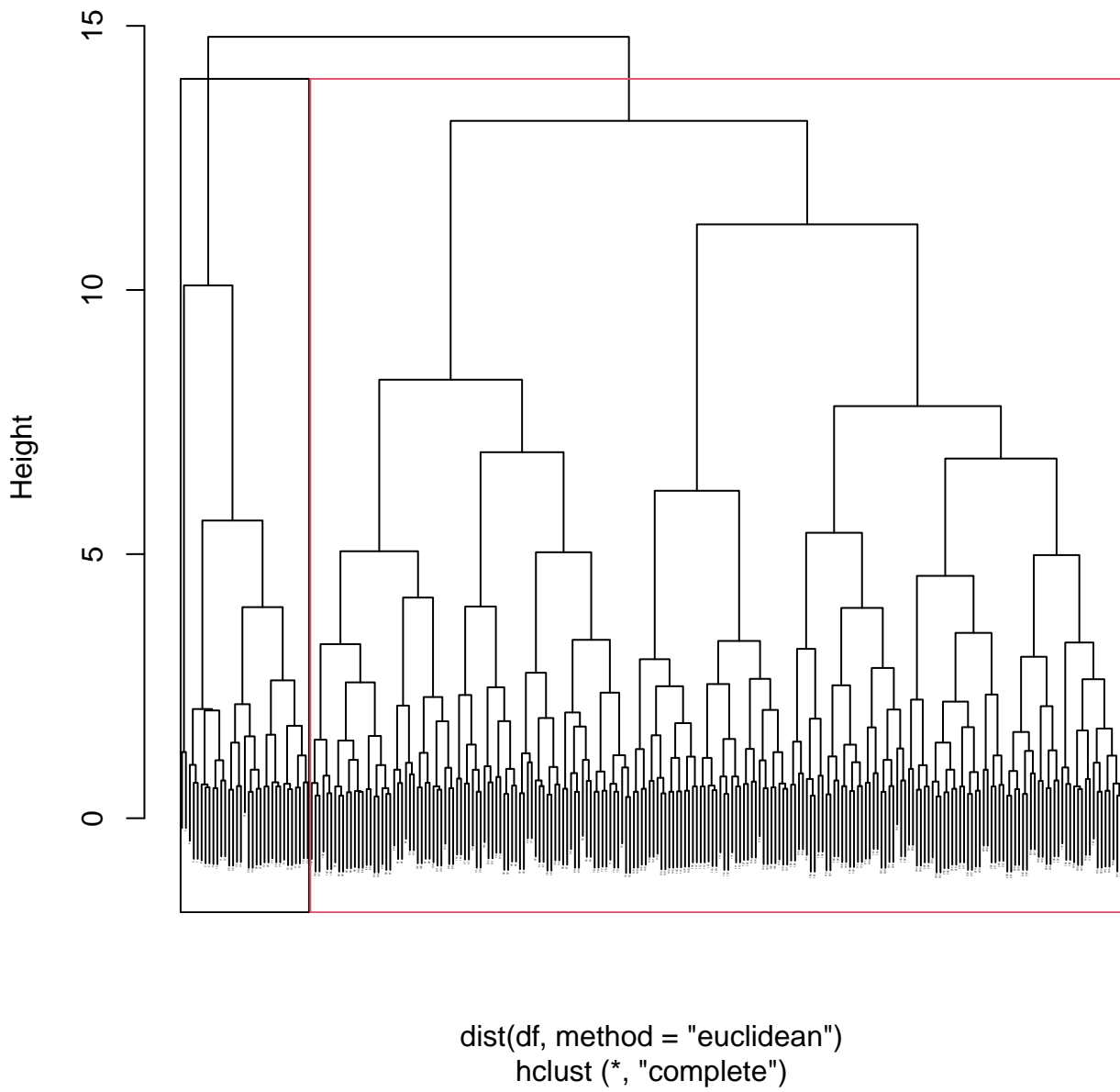


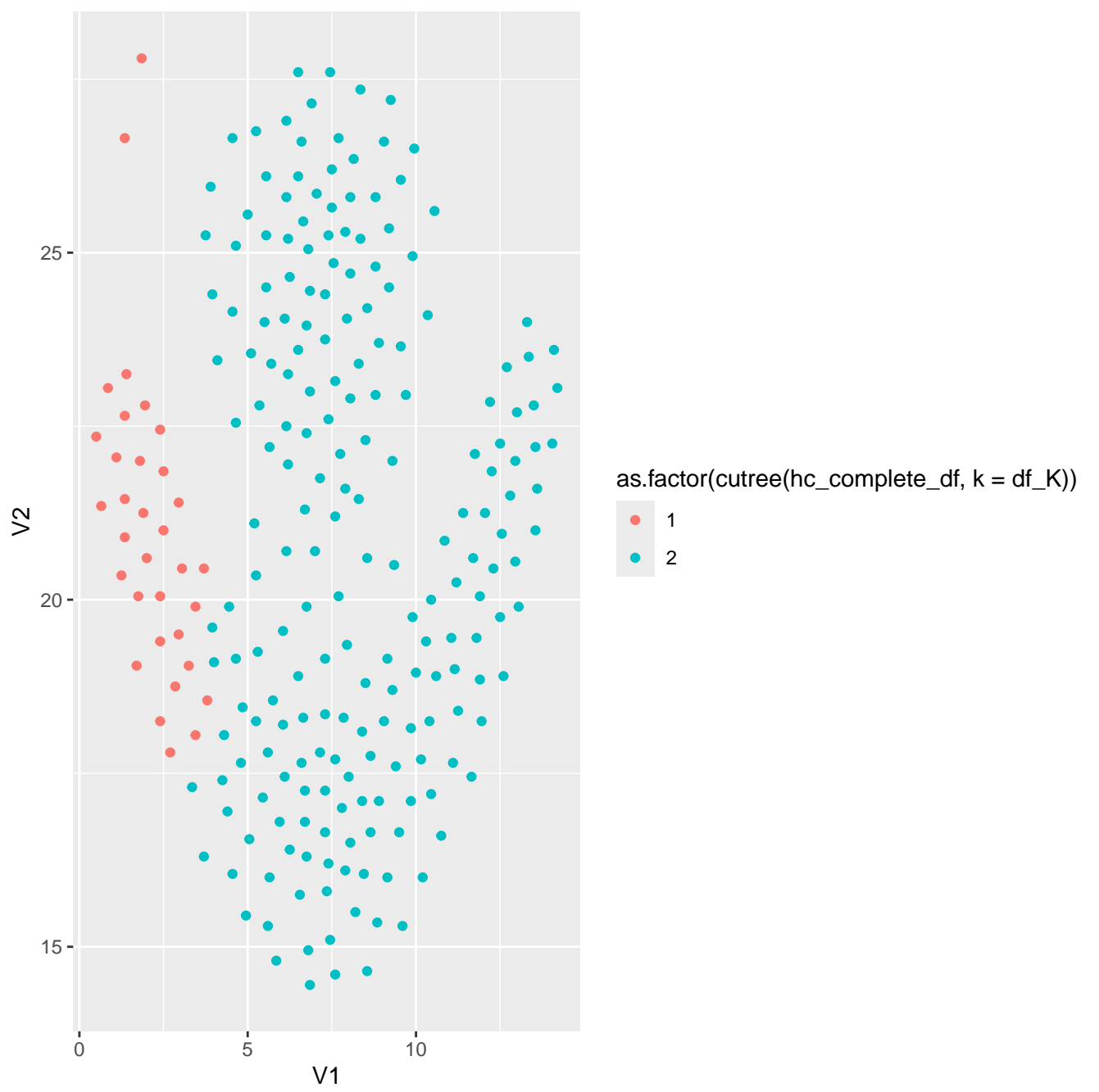
single hc for flame



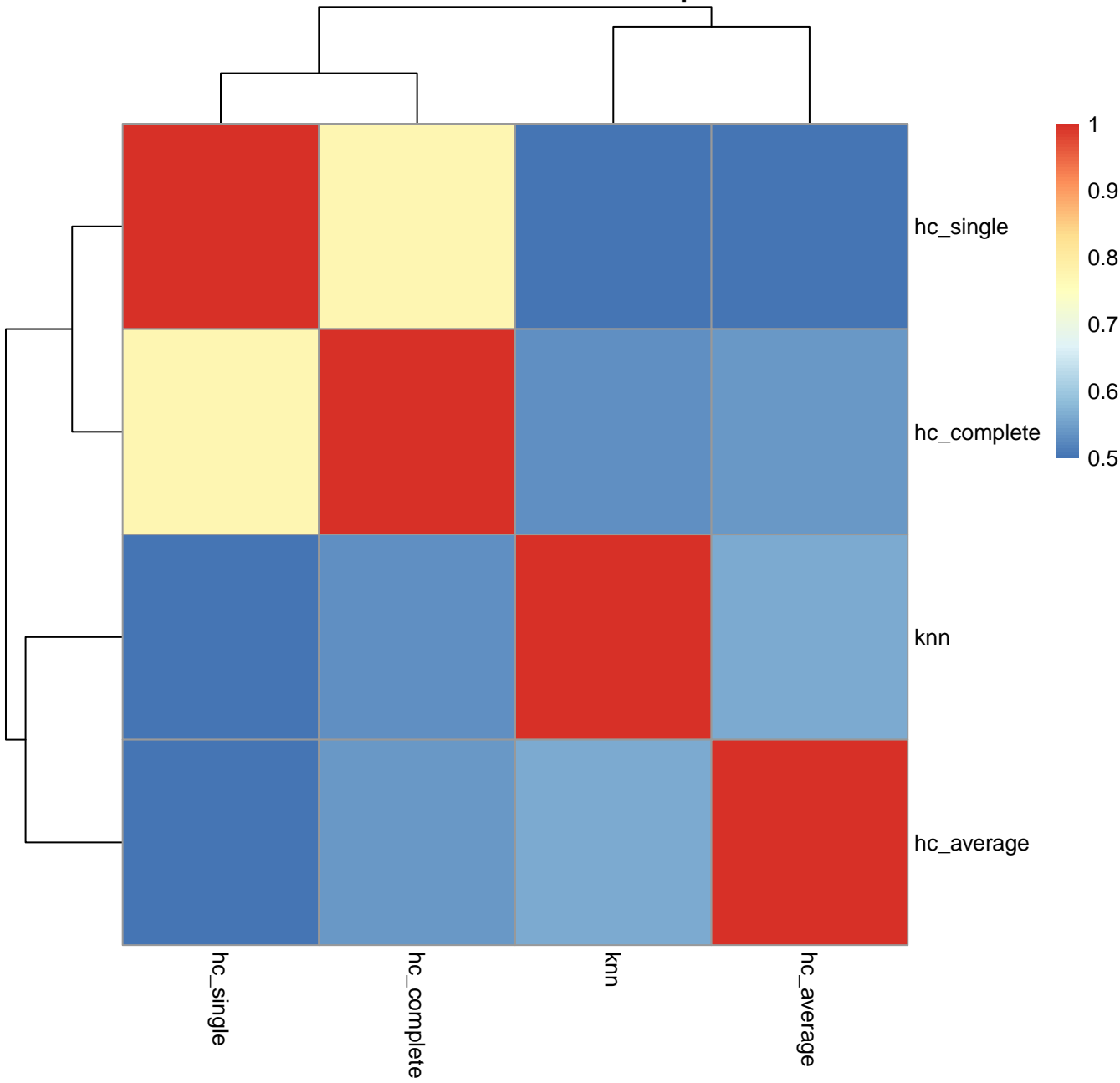


complete hc for flame

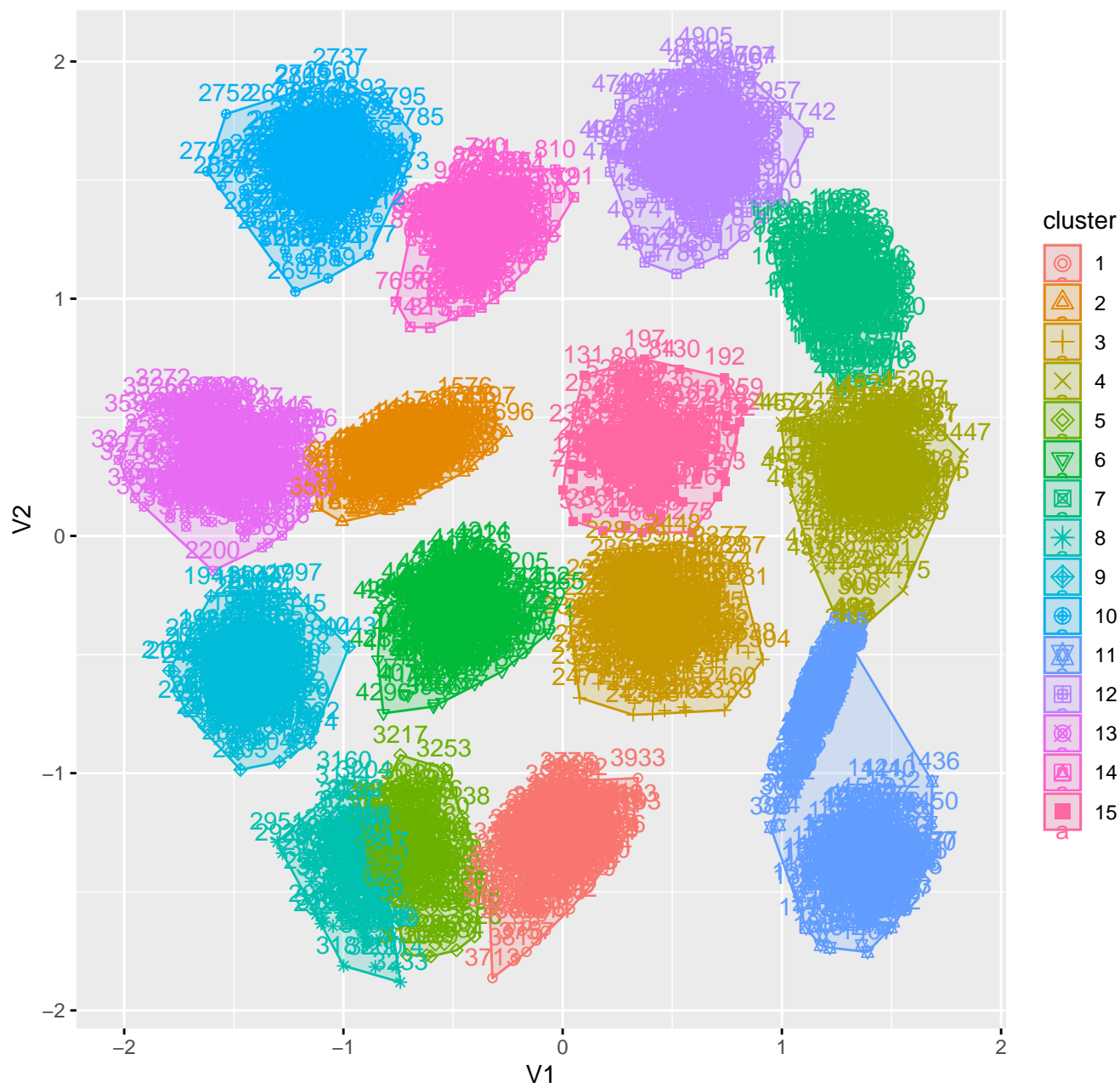




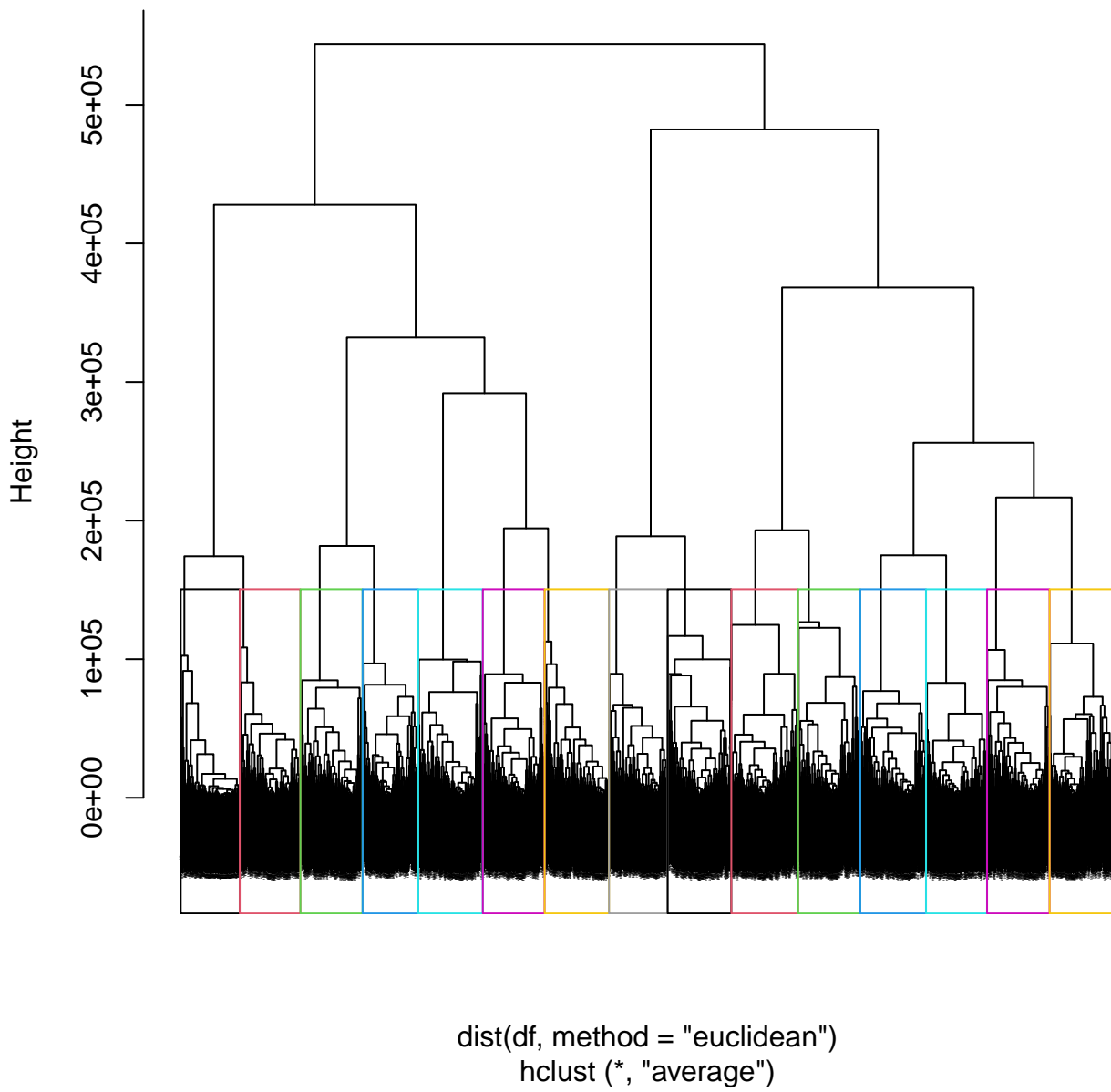
flame rand index heatmap

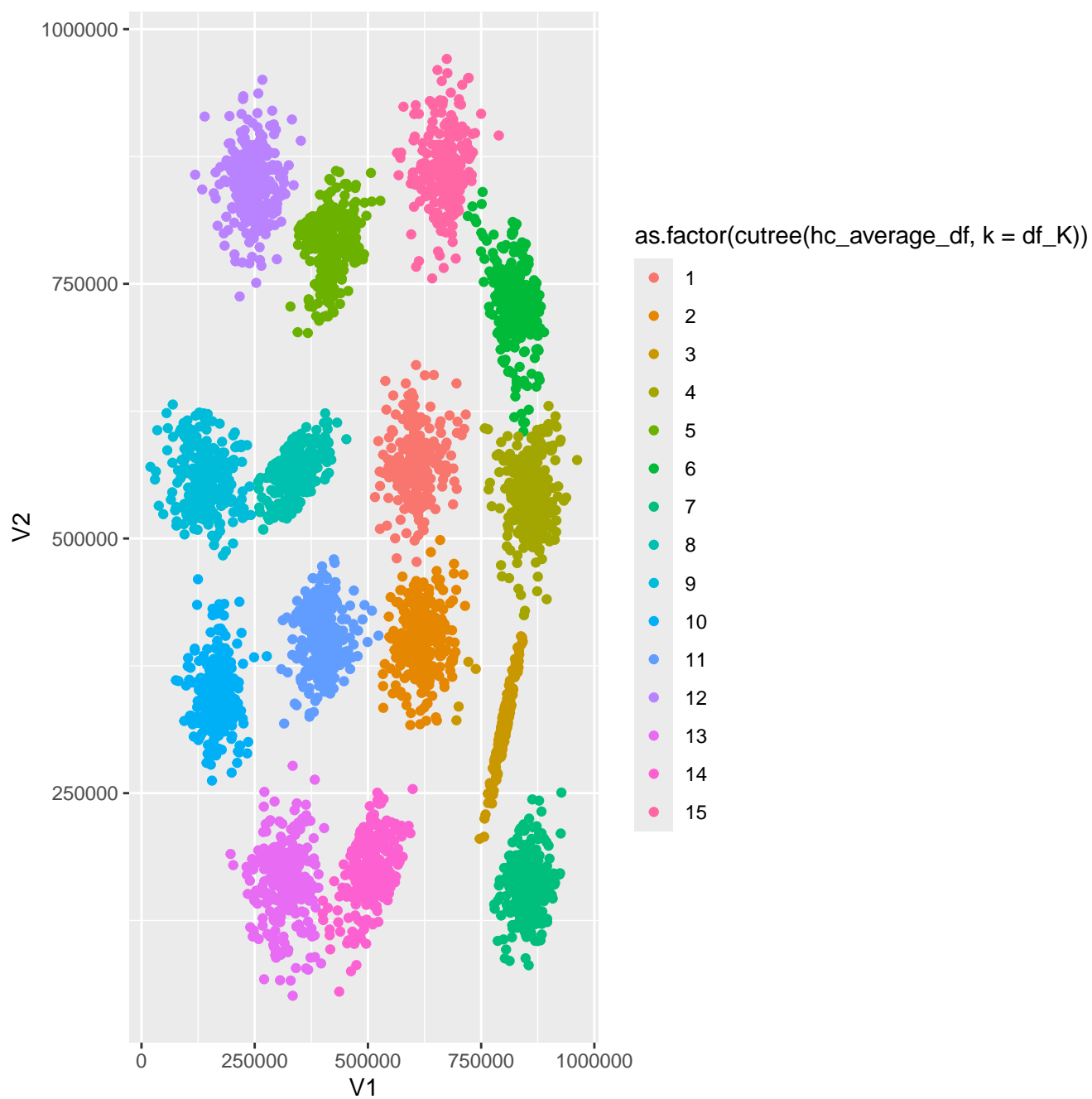


knn clustering s1

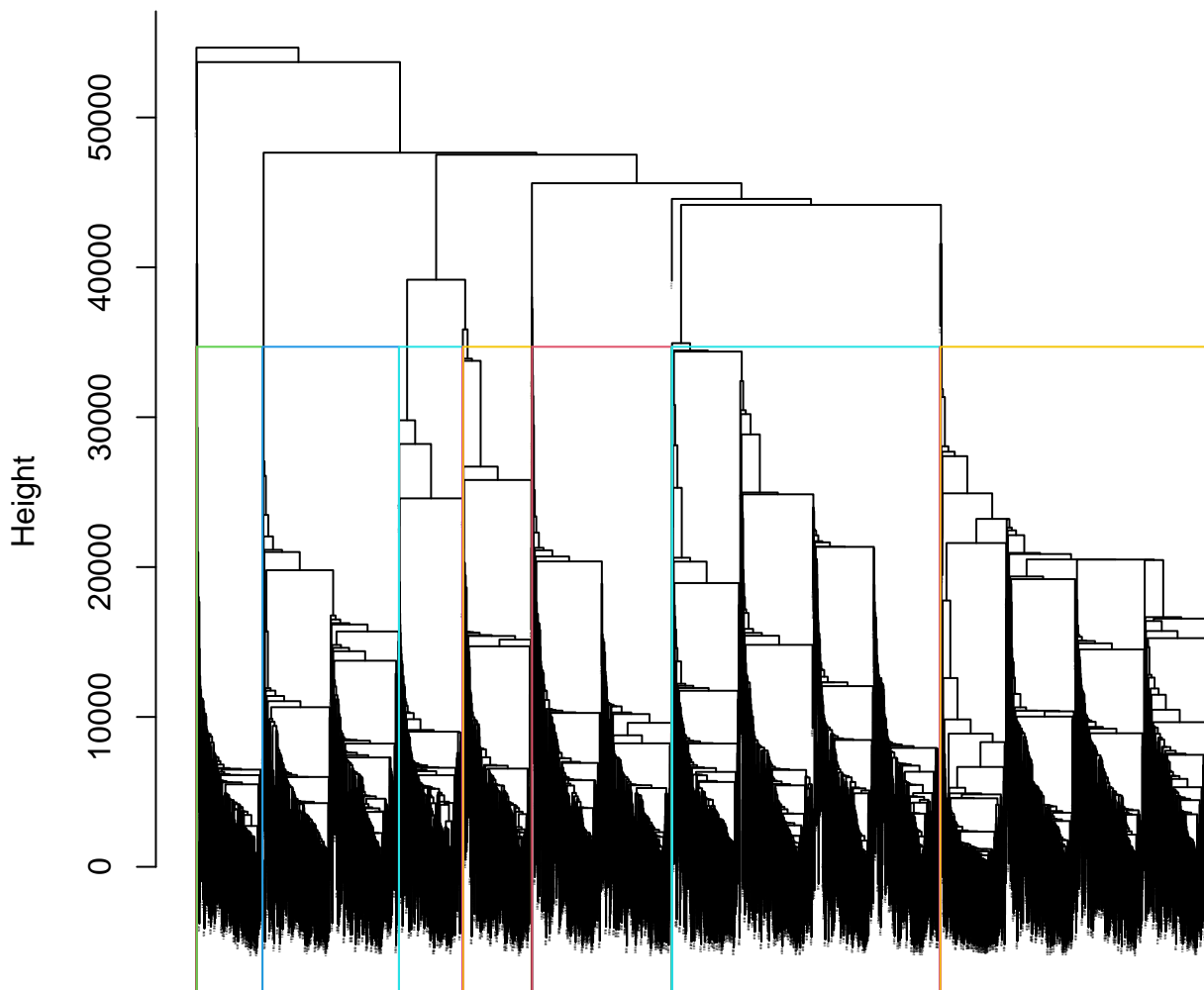


average hc for s1

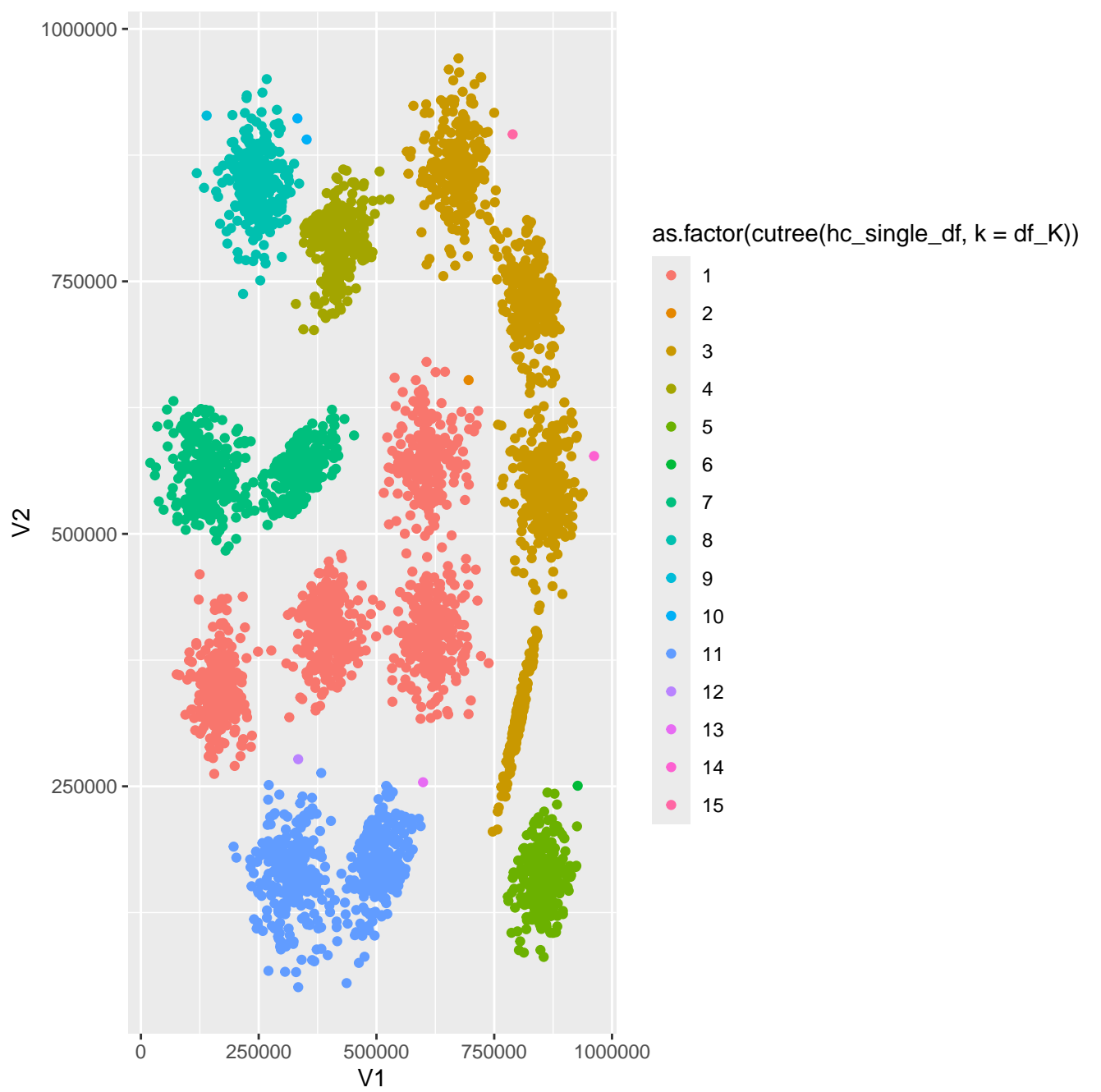




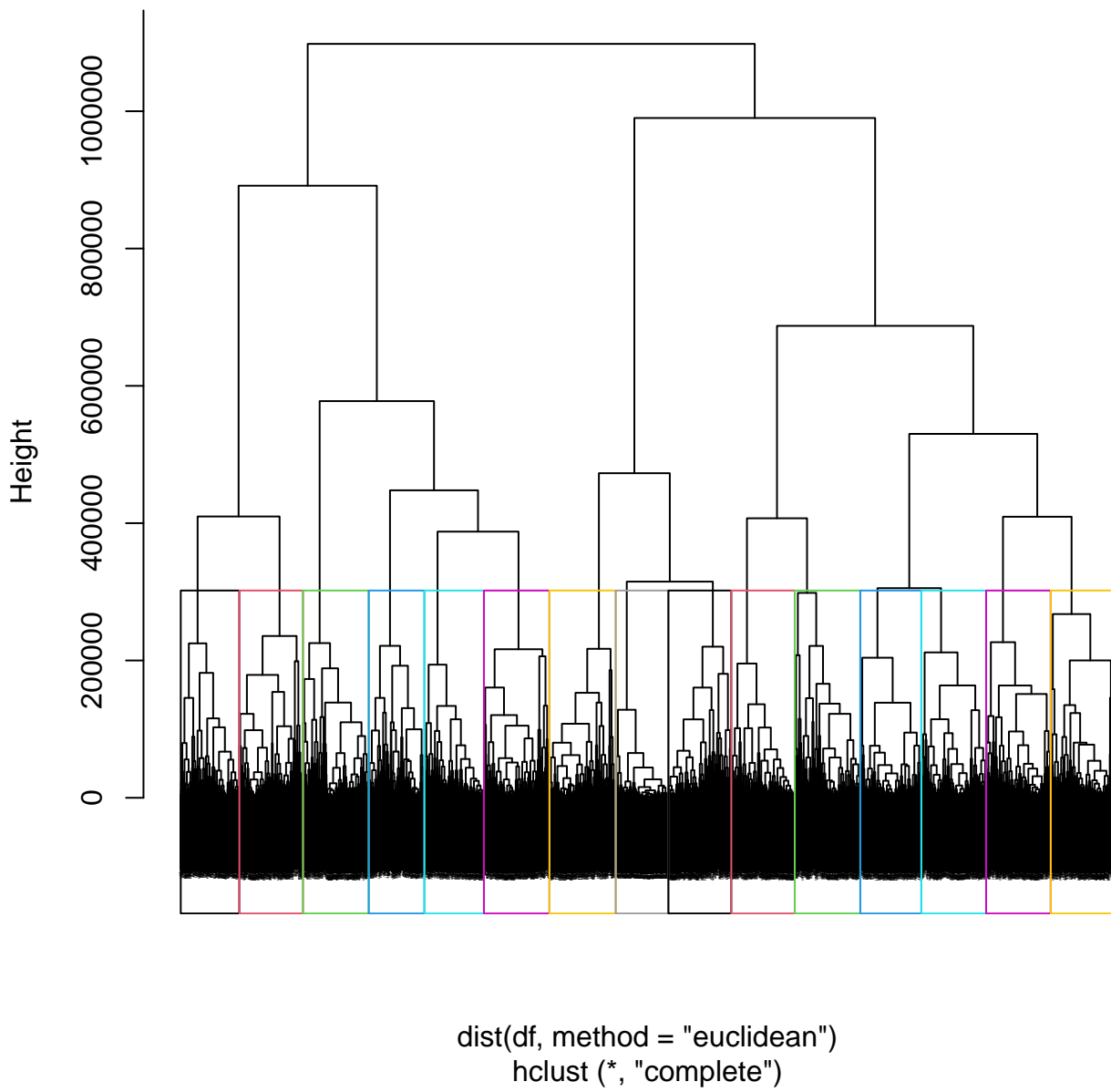
single hc for s1

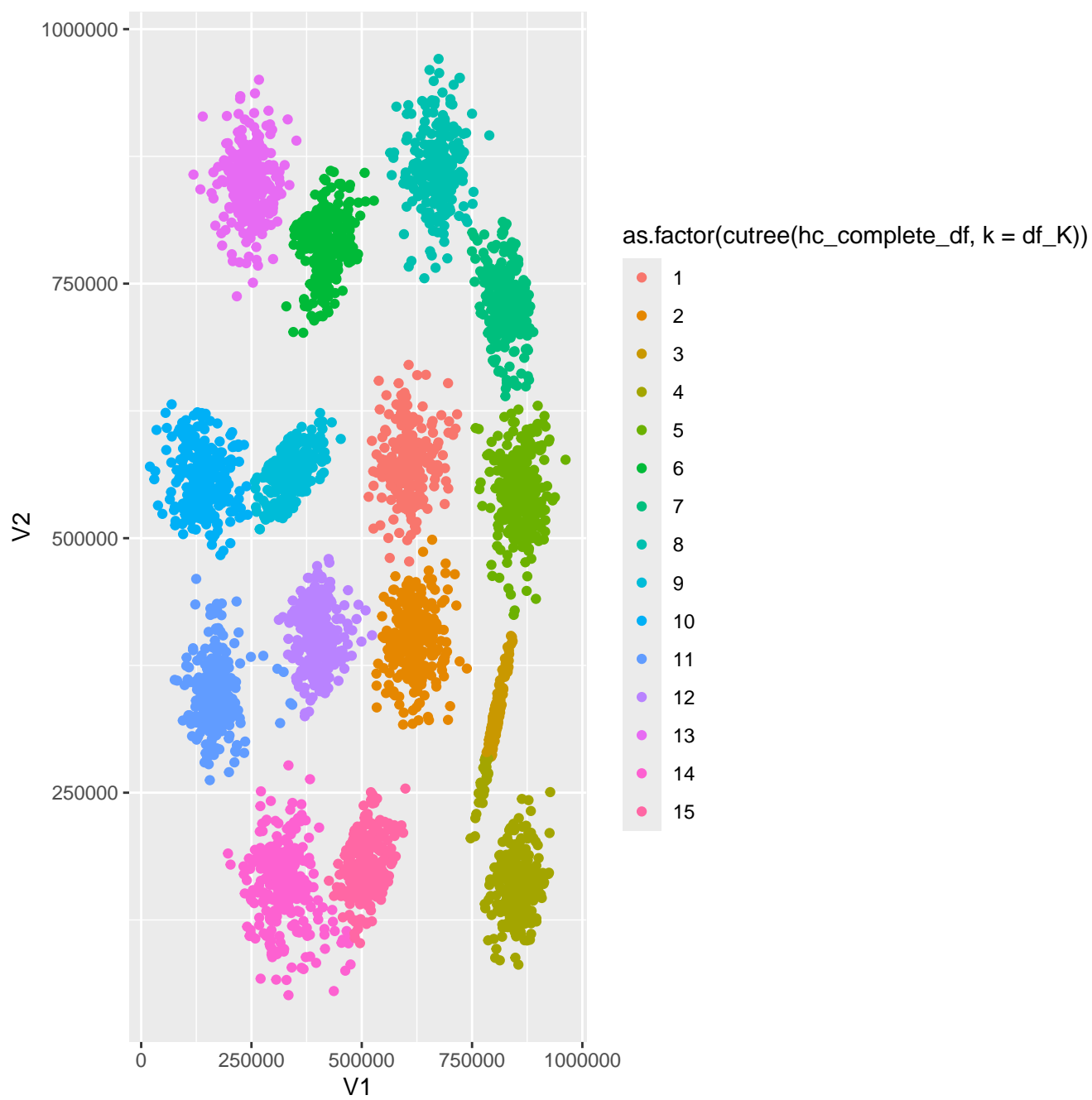


`dist(df, method = "euclidean")`
`hclust (*, "single")`

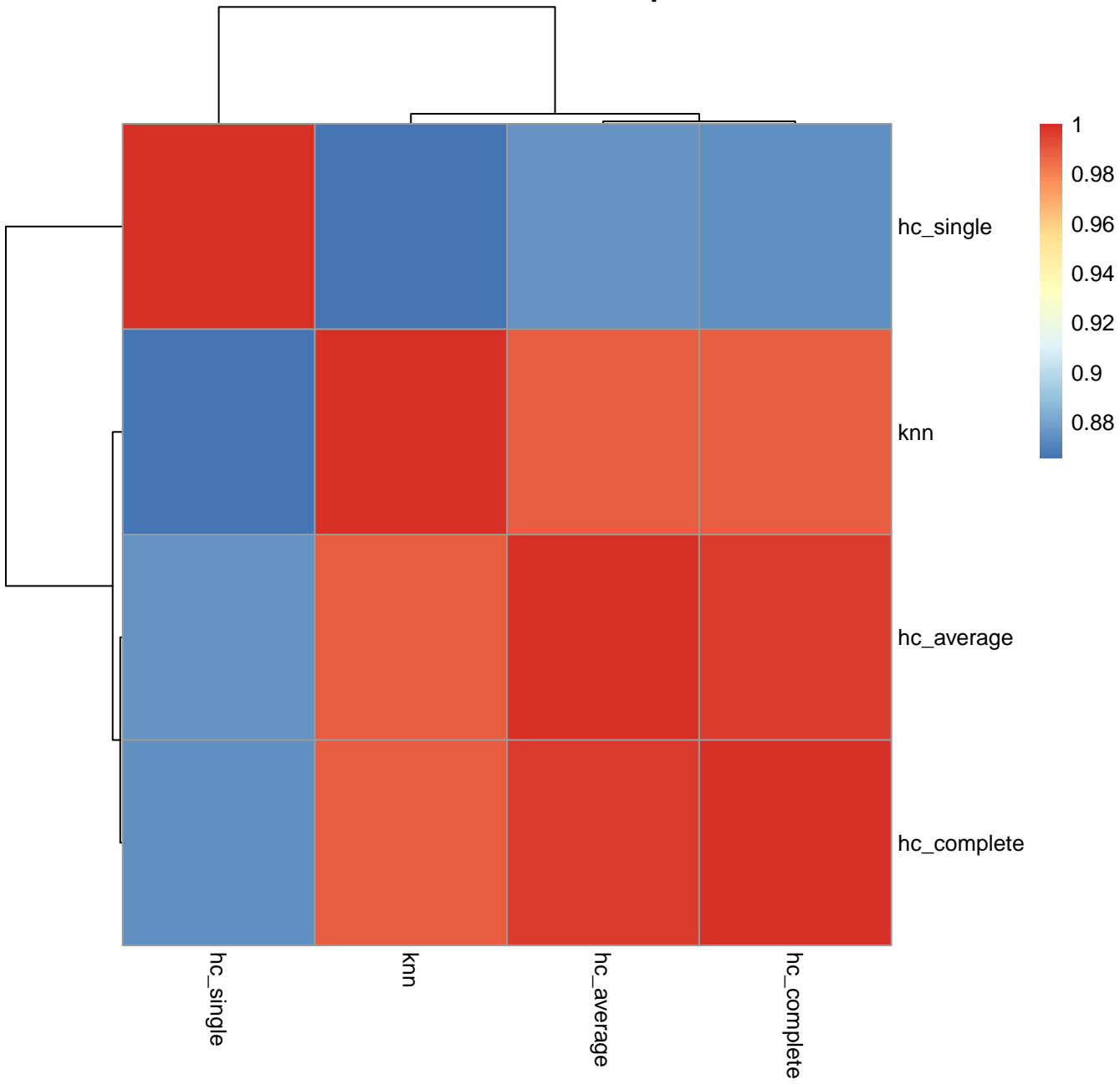


complete hc for s1

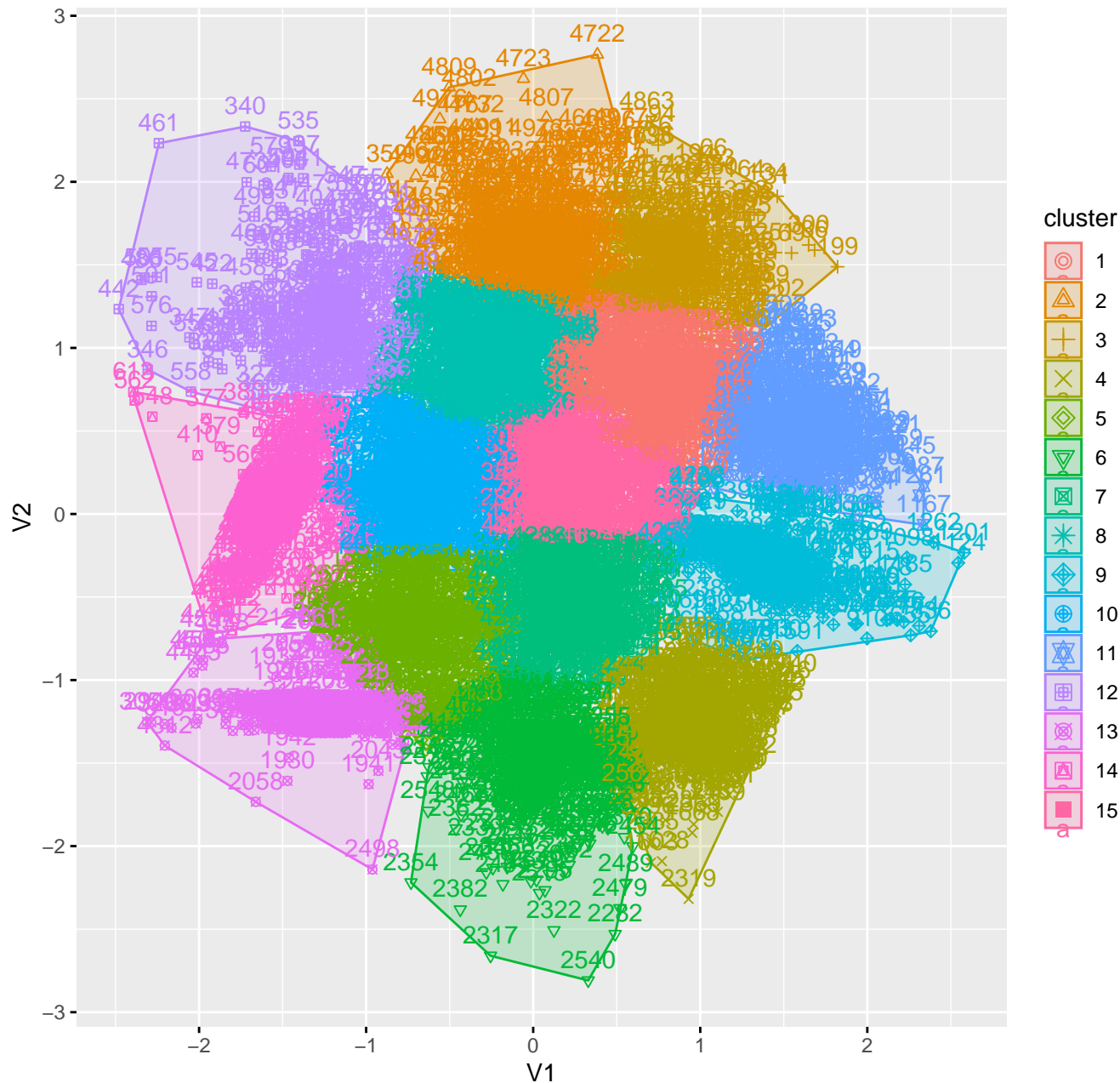




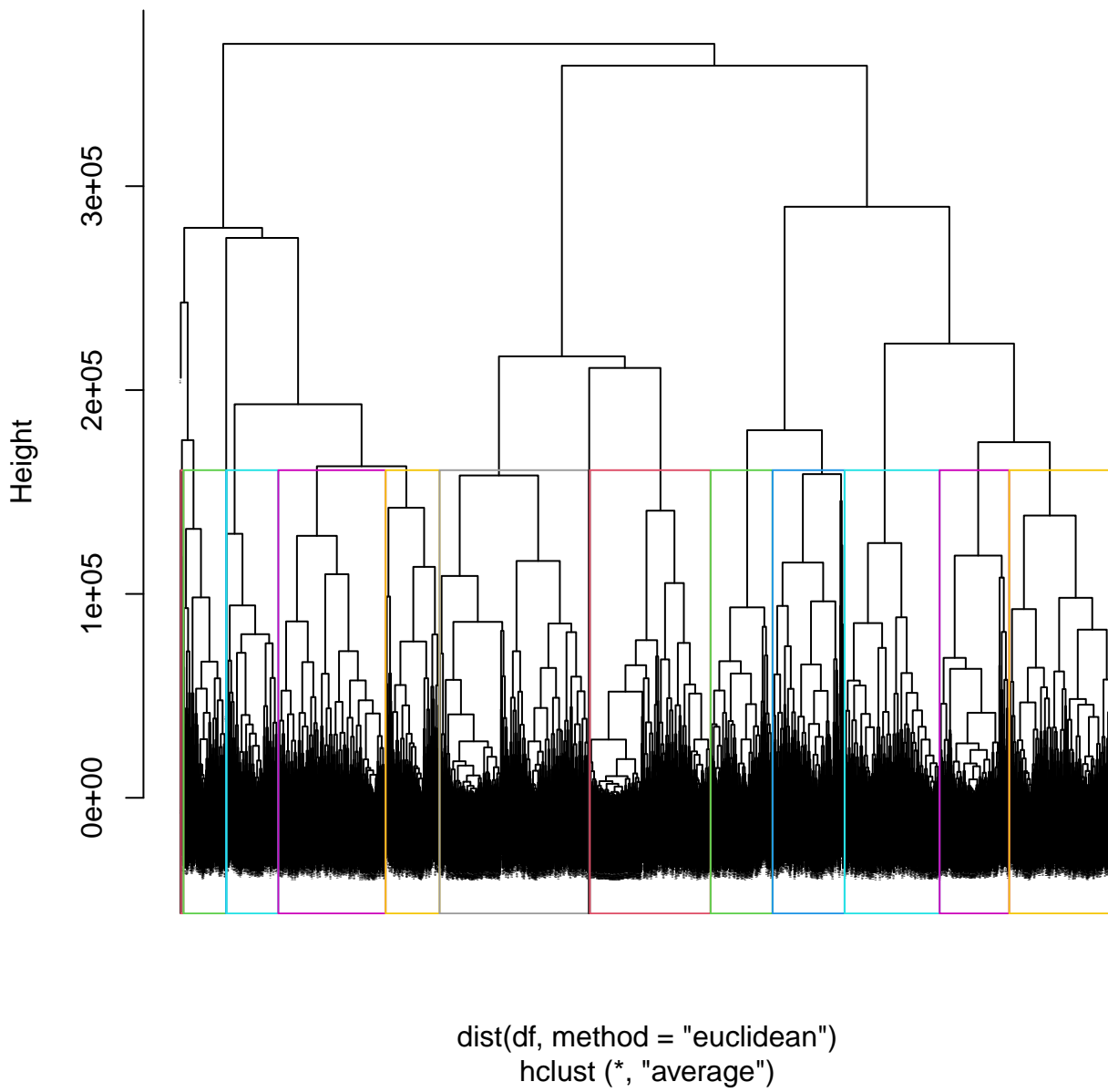
s1 rand index heatmap

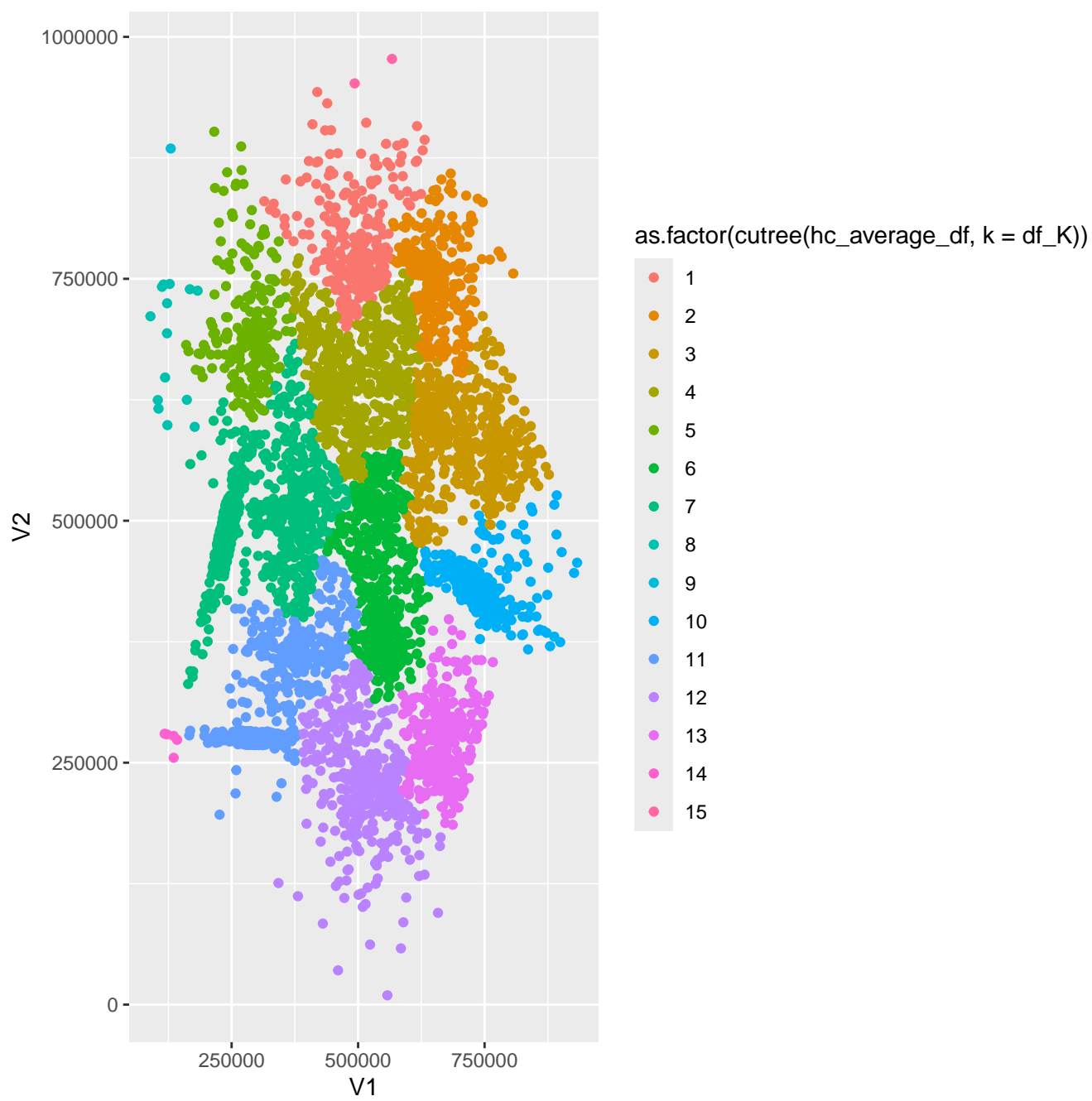


knn clustering s4

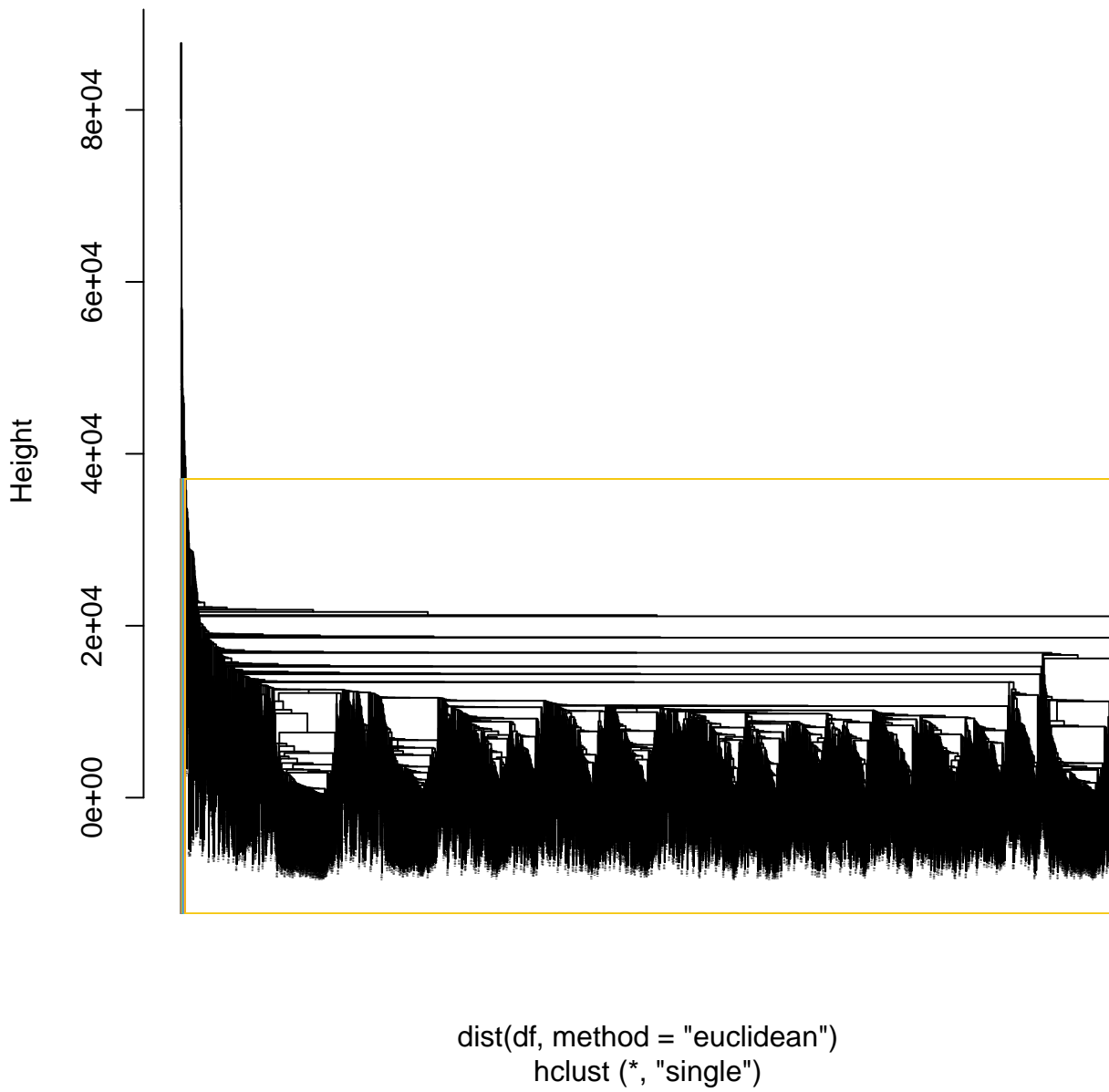


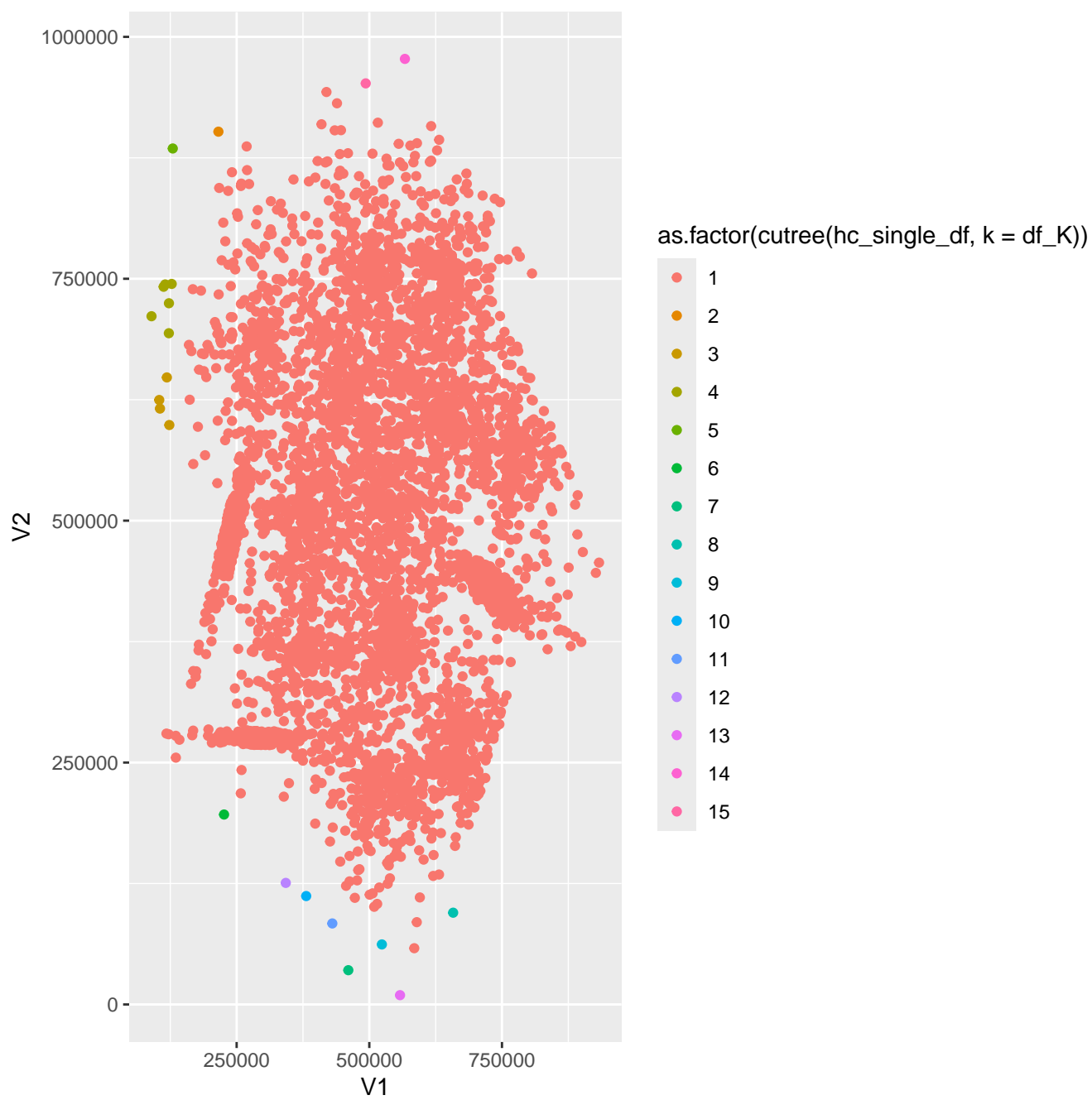
average hc for s4



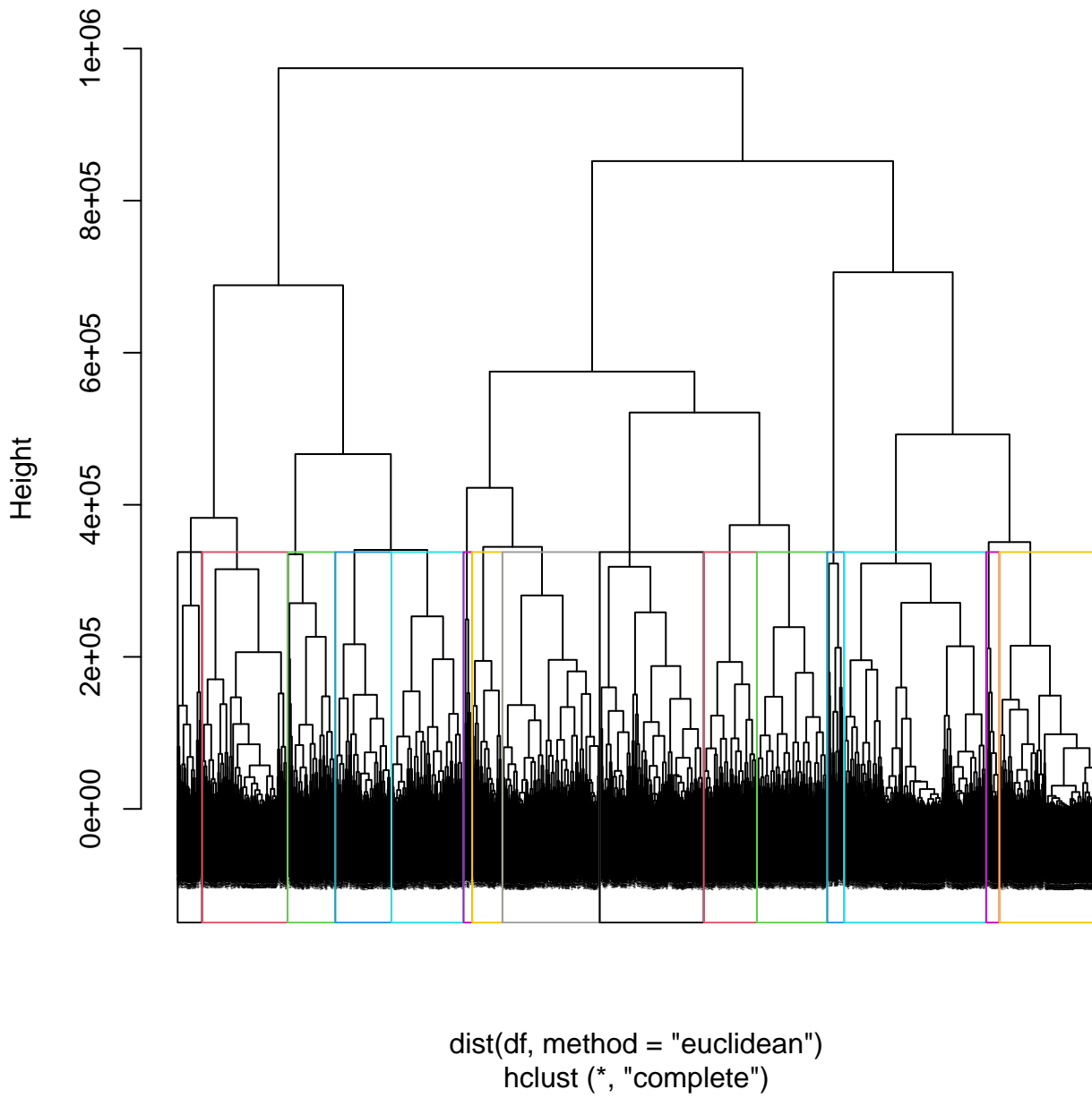


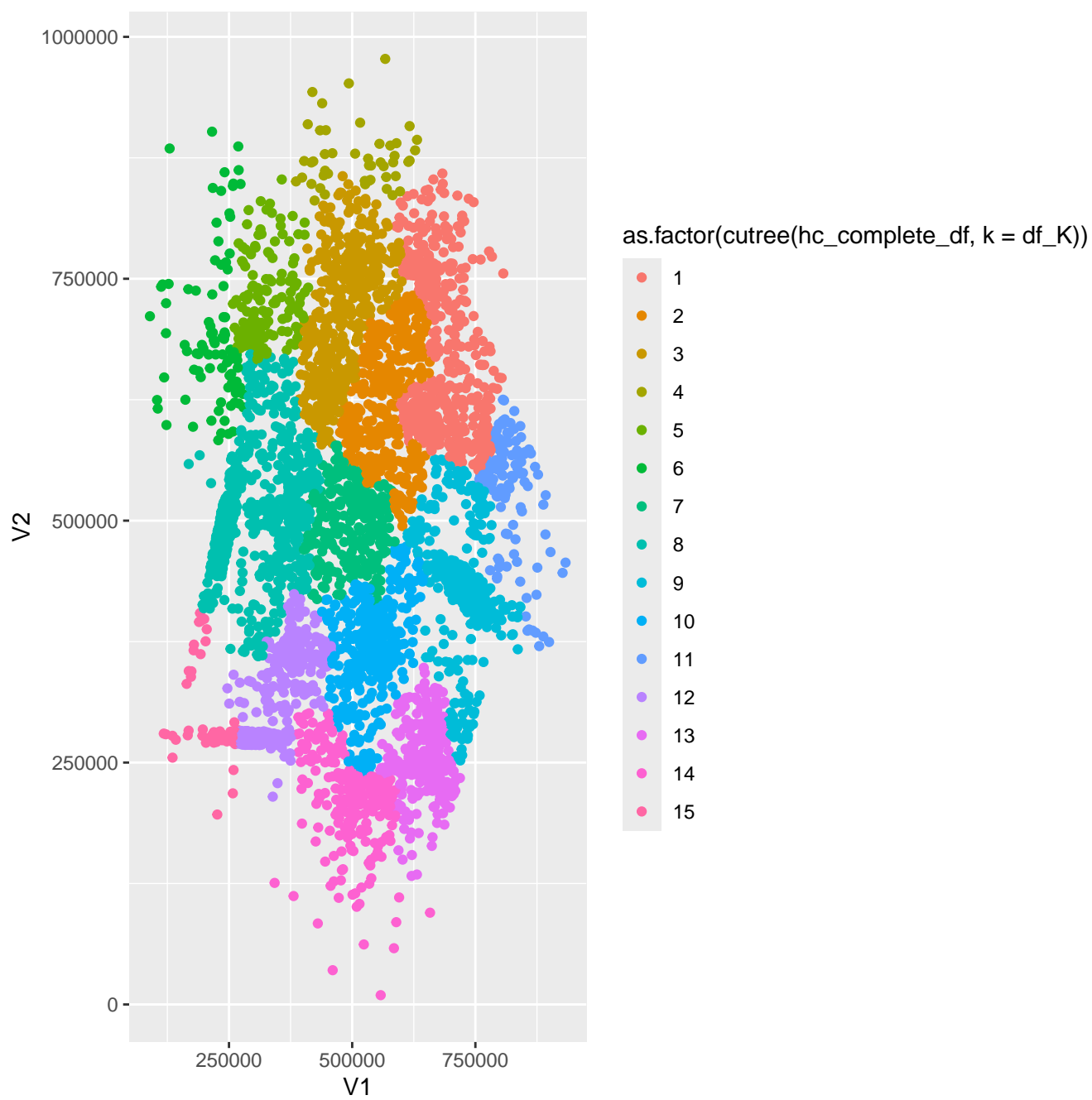
single hc for s4





complete hc for s4





s4 rand index heatmap

