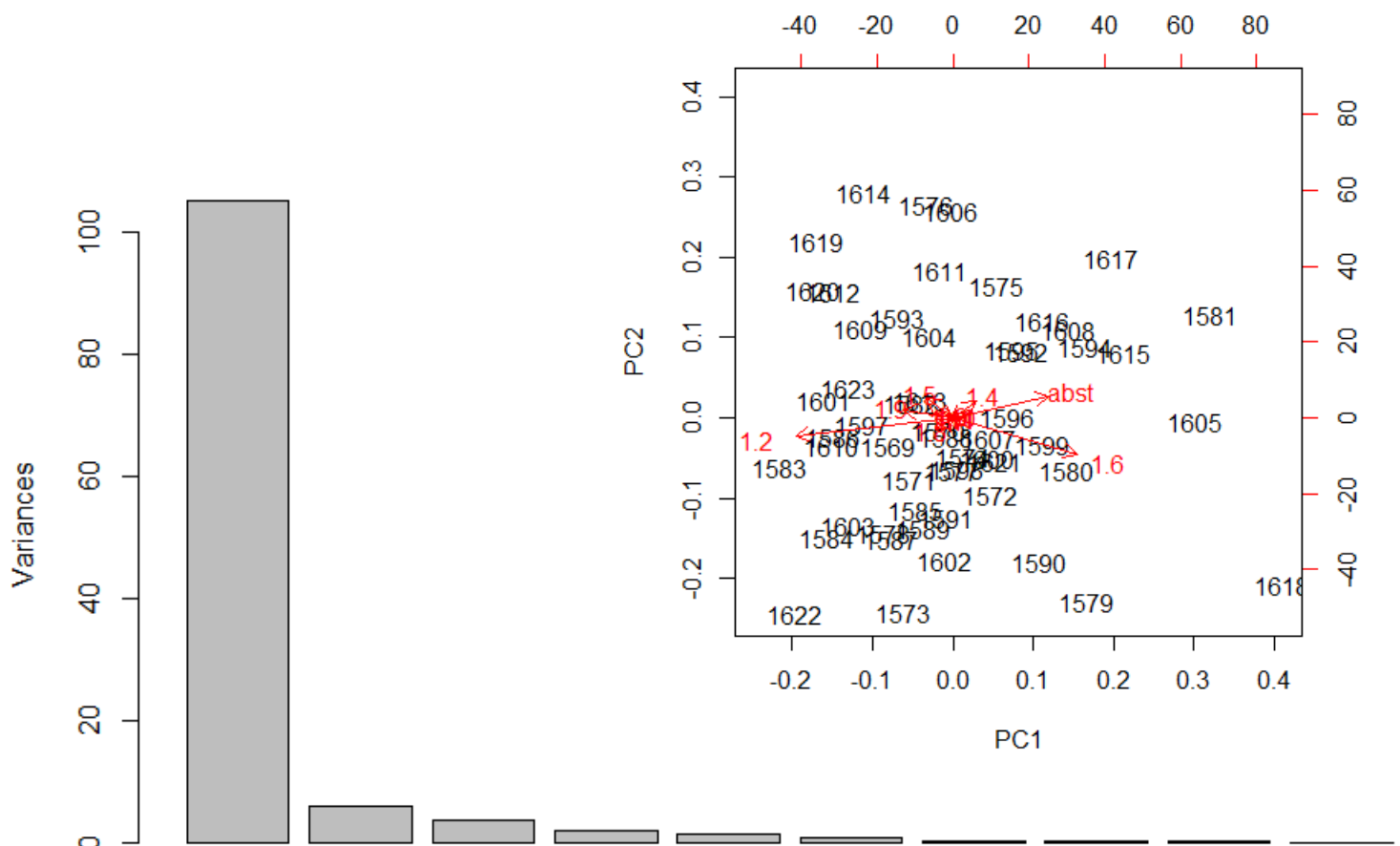


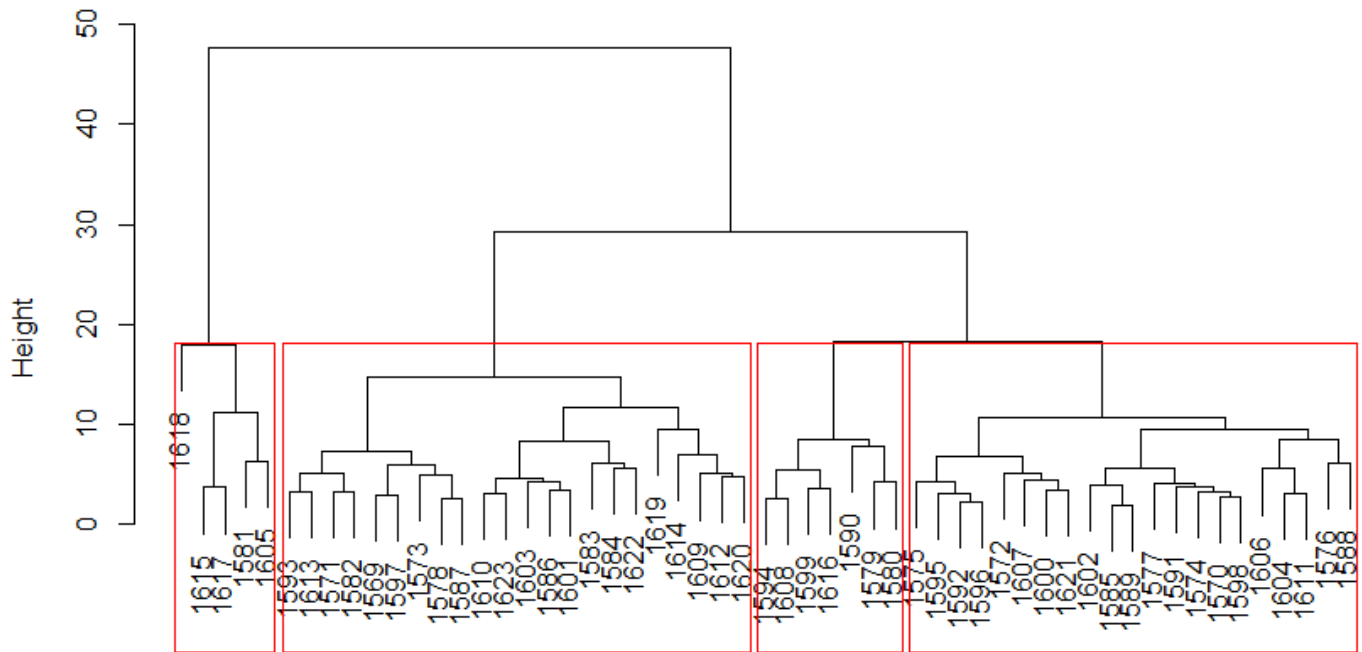
```

1 getwd()
2 data <- read.csv("data/election2022.csv", fileEncoding = "UTF-8", dec = ",")
3 names(data)
4
5 data <- data [data$INSEE_COM == '92073',]
6 ind <- grep("Ins", names(data))
7 pct <- data [, ind]
8 ind <- grep("Nom", names(data))
9 noms <- data [1,ind]
10 names(pct) [c(7:18)]
11
12
13 names(pct) [c(7:18)] <- noms
14 pct <- pct [,c(2, 7:18)]
15 names(pct) [1] <- "abst"
16
17 rownames(pct) <- c(1:32)
18
19 summary(pct)
20
21 cor(pct)
22
23 pairs(pct)
24
25 res <- prcomp(pct)
26 plot(res)
27
28 biplot(res)
29
30 # matrice des distances
31 d.pct <- dist(pct)
32 cah <- hclust(d.pct)
33 plot(cah)
34
35 plot(cah)
36 rect.hclust(cah,k=4)
37
38 groupes.cah <- cutree(cah,k=4)
39 #liste des groupes
40 print(sort(groupes.cah))

```



Cluster Dendrogram



d.pct
hclust (*, "complete")

