classification_bc.R

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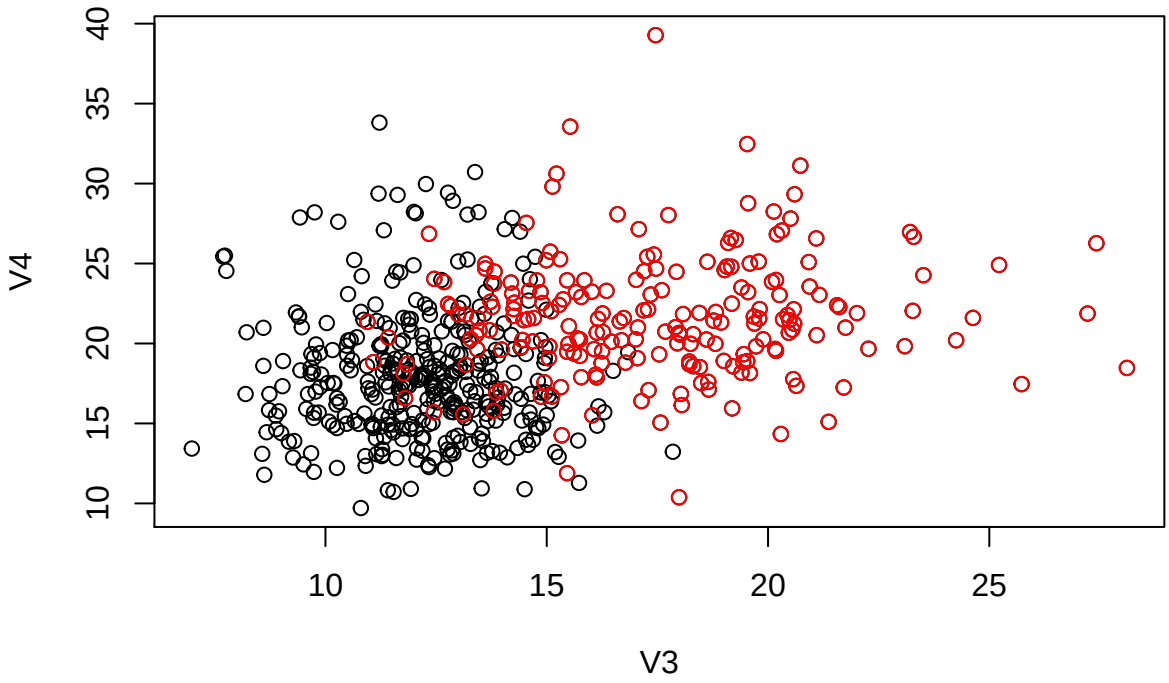
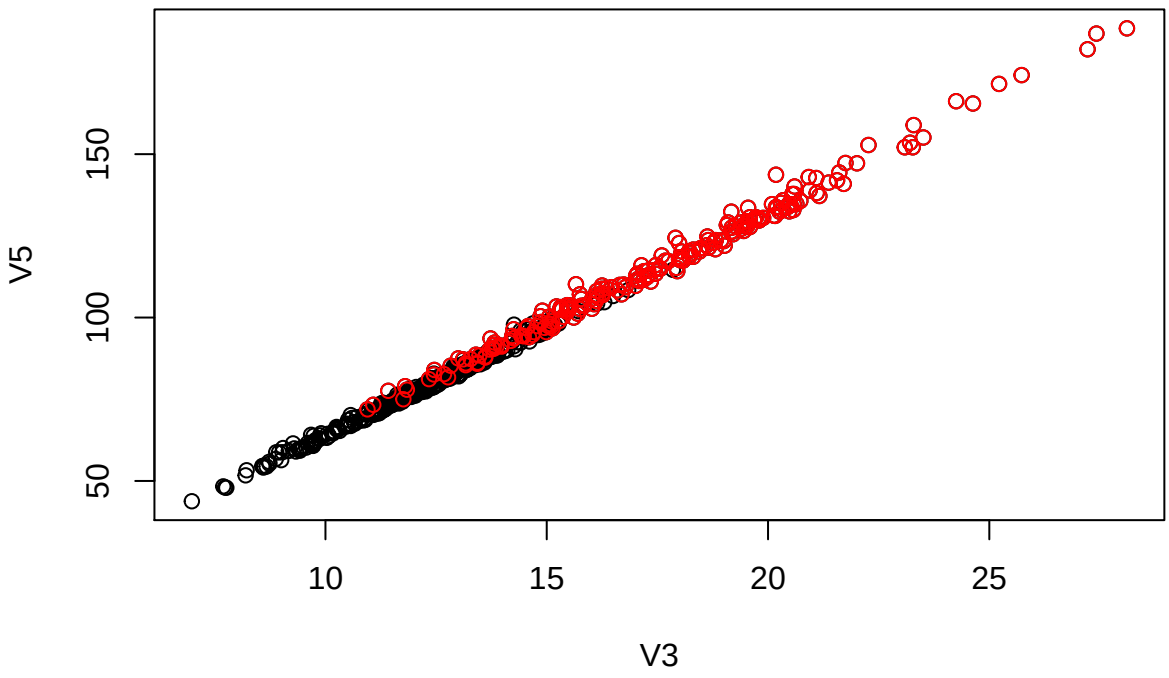
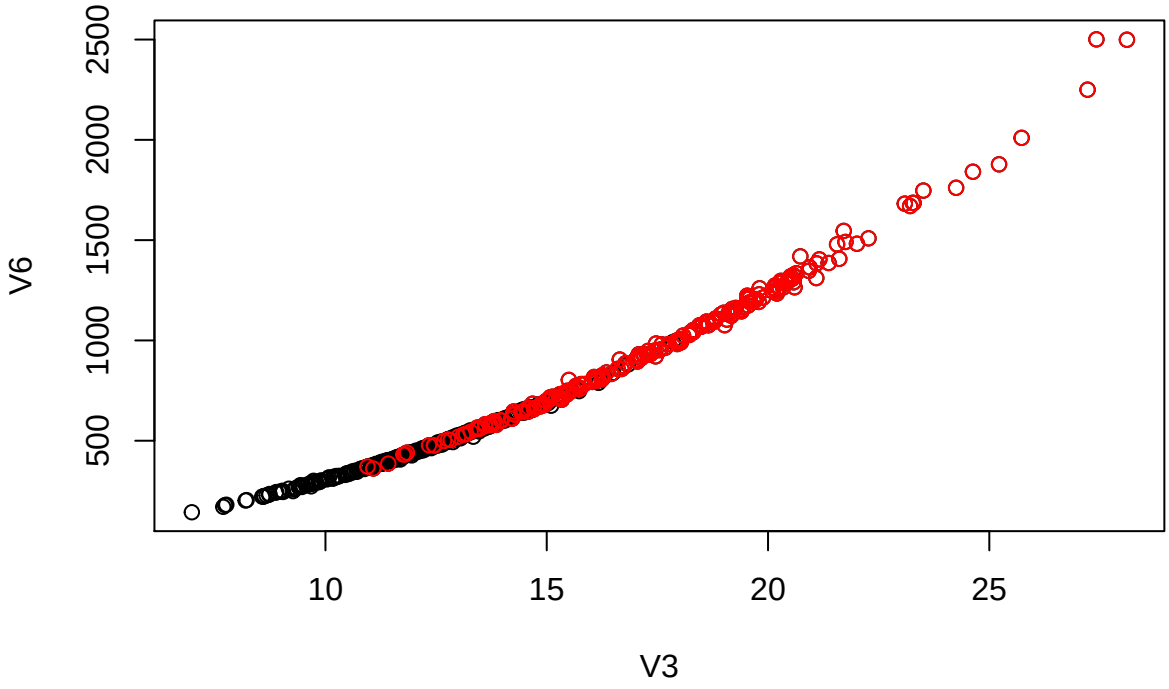
```
wdbc <- read.csv("~/Documents/classification_problem/wdbc.data", header=FALSE)

# this only works for consecutive rows and doesn't otherwise
# plot(wdbc[,3:4])
# points(wdbc[wdbc$V2=='M',3:4],col="red")


datanew <- wdbc[, c('V2' ,'V3' ,'V4')]
plot(datanew[,2:3])
points(datanew[datanew$V2=='M',2:3],col="red")
```



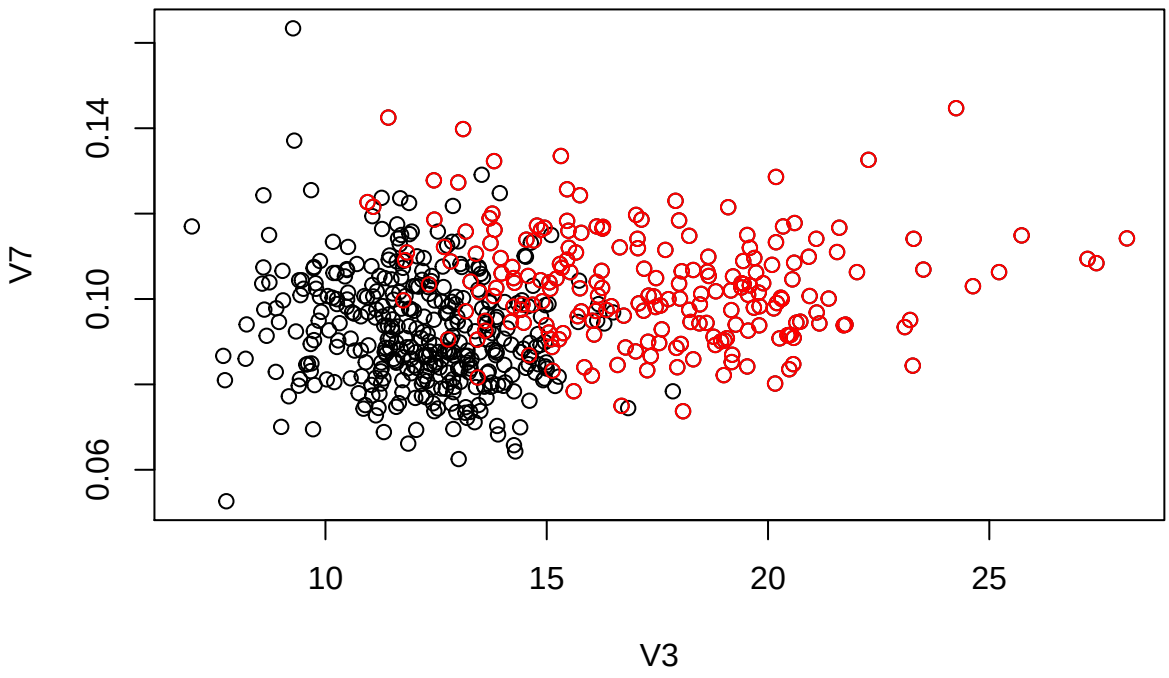

```
datanew <- wdbc[, c('V2' ,'V3' ,'V5')]
plot(datanew[,2:3])
points(datanew[datanew$V2=='M',2:3],col="red")
```



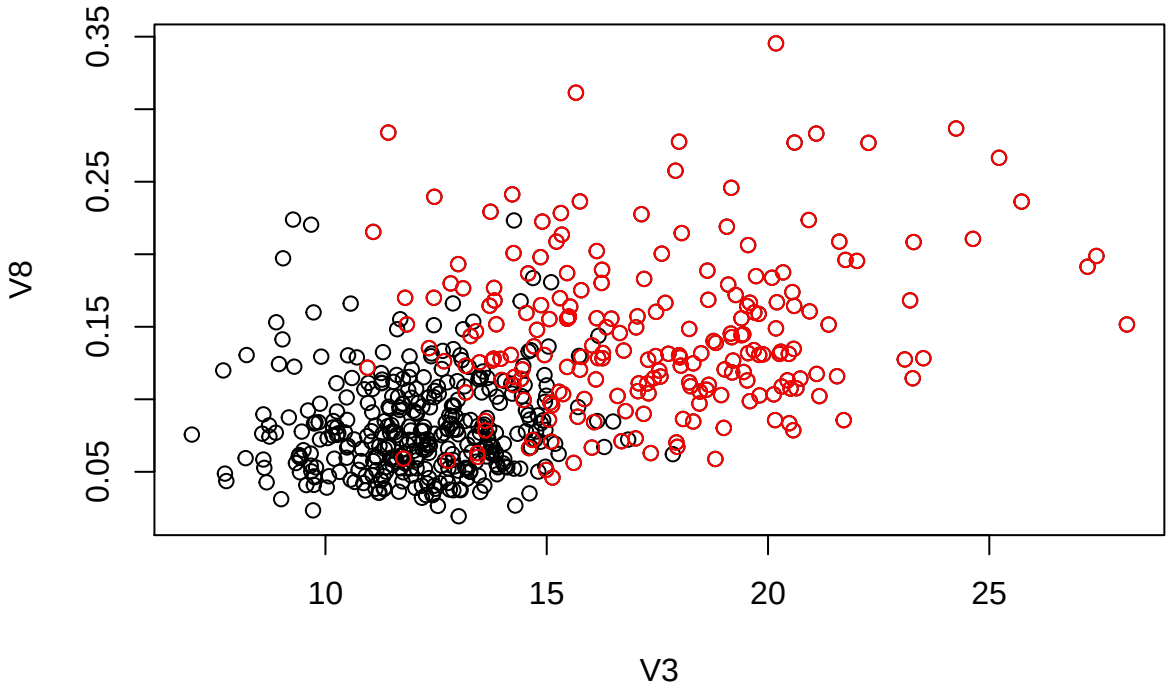

```
datanew <- wdbc[, c('V2' ,'V3' ,'V6')]
plot(datanew[,2:3])
points(datanew[datanew$V2=='M',2:3],col="red")
```



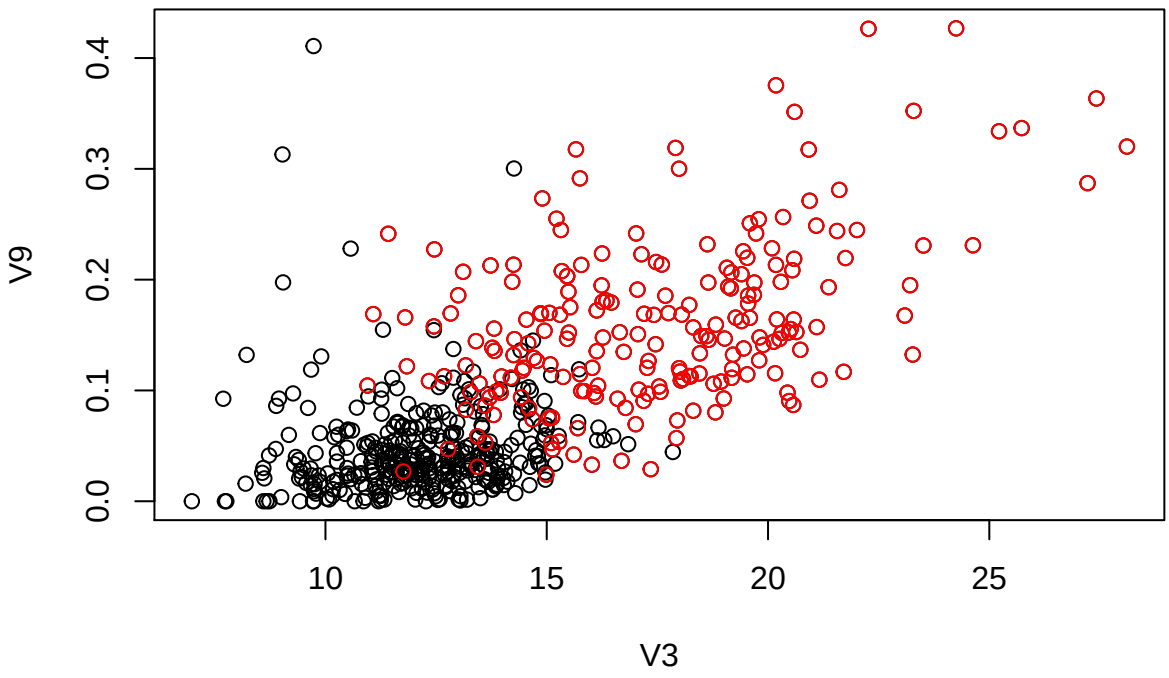

```
datanew <- wdbc[, c('V2' ,'V3' ,'V7')]
plot(datanew[,2:3])
points(datanew[datanew$V2=='M',2:3],col="red")
```



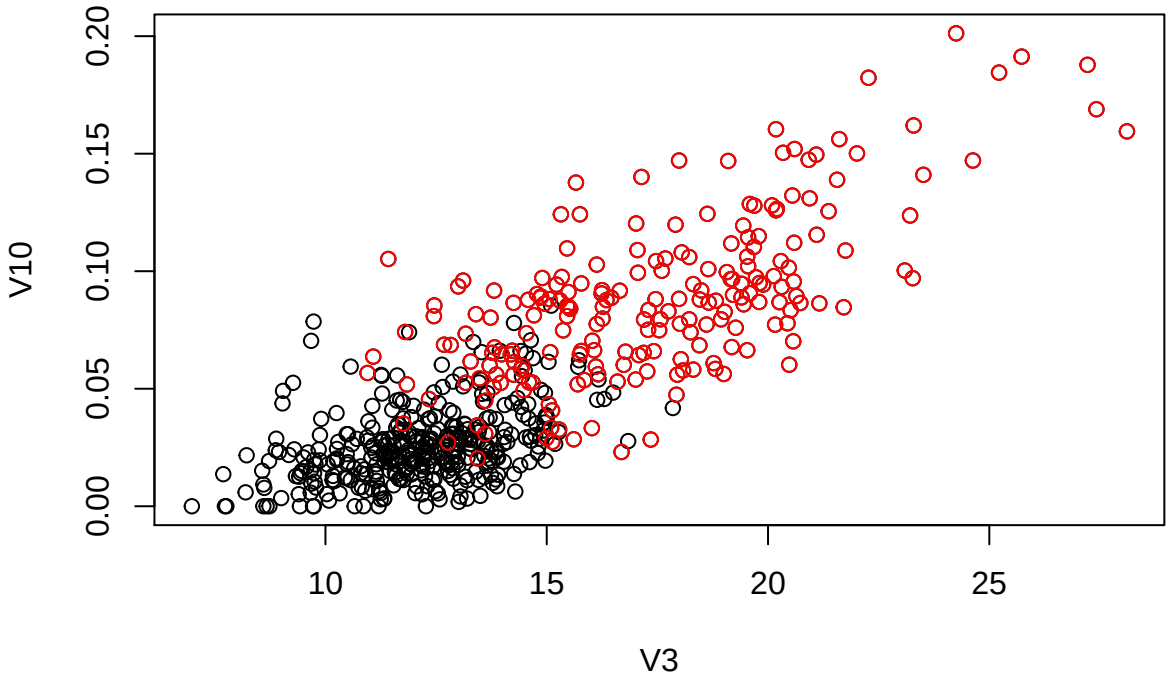

```
datanew <- wdbc[, c('V2' ,'V3' ,'V8')]
plot(datanew[,2:3])
points(datanew[datanew$V2=='M',2:3],col="red")
```



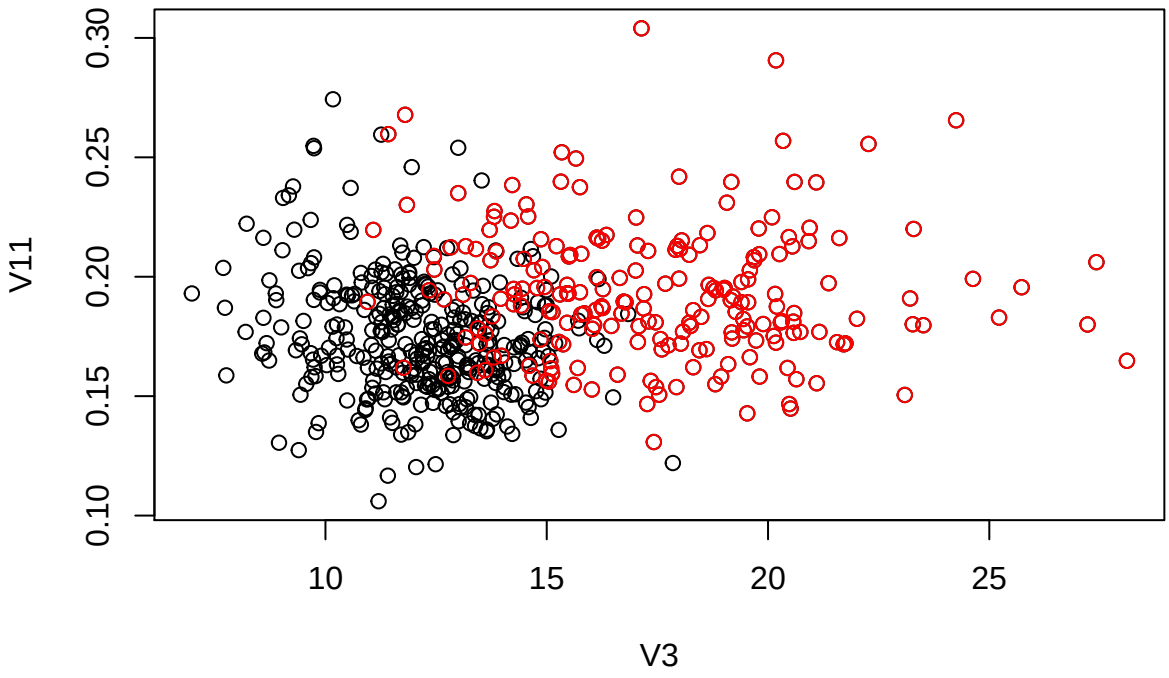

```
datanew <- wdbc[, c('V2' ,'V3' ,'V9')]
plot(datanew[,2:3])
points(datanew[datanew$V2=='M',2:3],col="red")
```



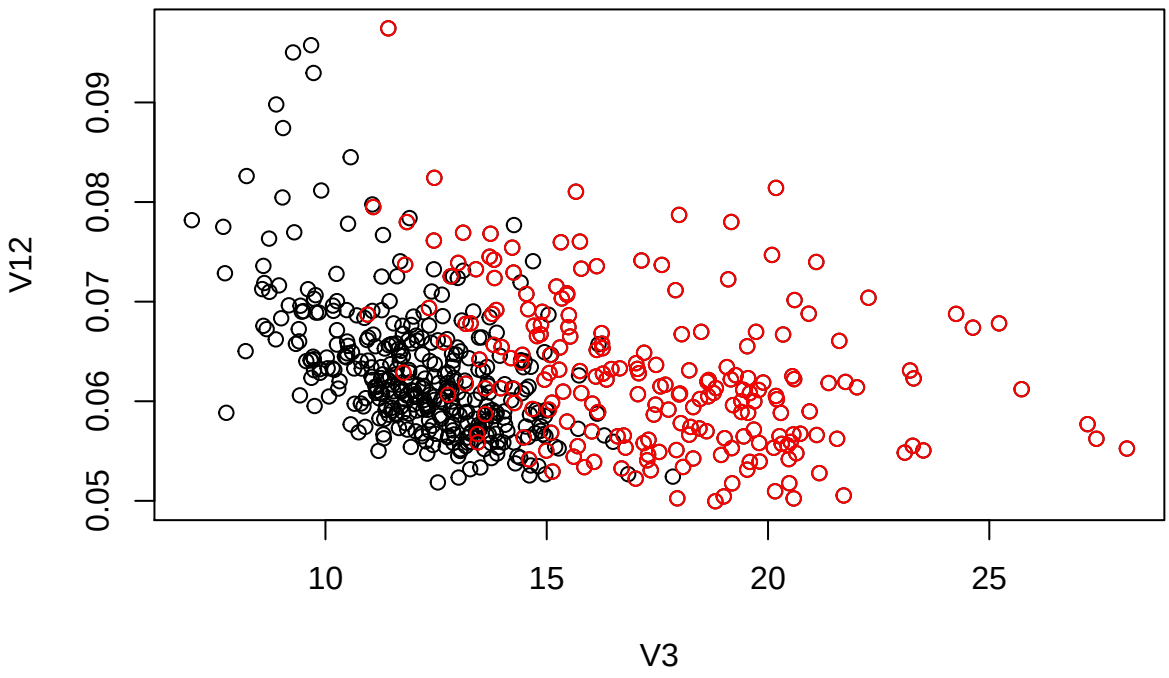

```
datanew <- wdbc[, c('V2' ,'V3' ,'V10')]
plot(datanew[,2:3])
points(datanew[datanew$V2=='M',2:3],col="red")
```



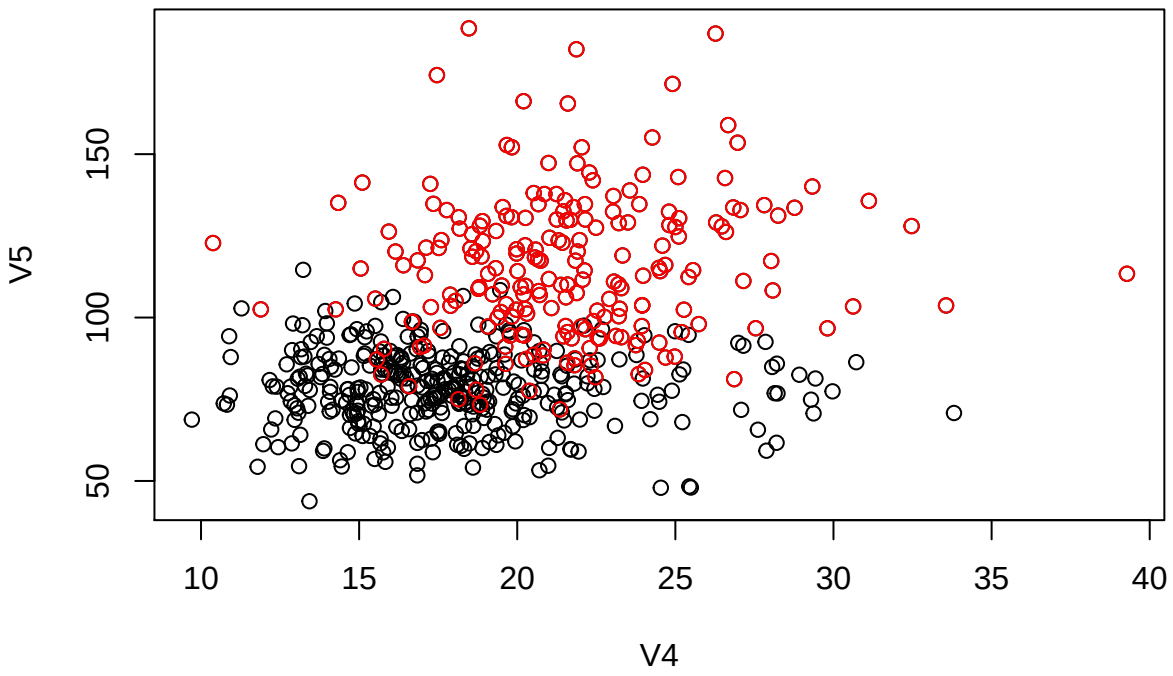

```
datanew <- wdbc[, c('V2' ,'V3' ,'V11')]
plot(datanew[,2:3])
points(datanew[datanew$V2=='M',2:3],col="red")
```



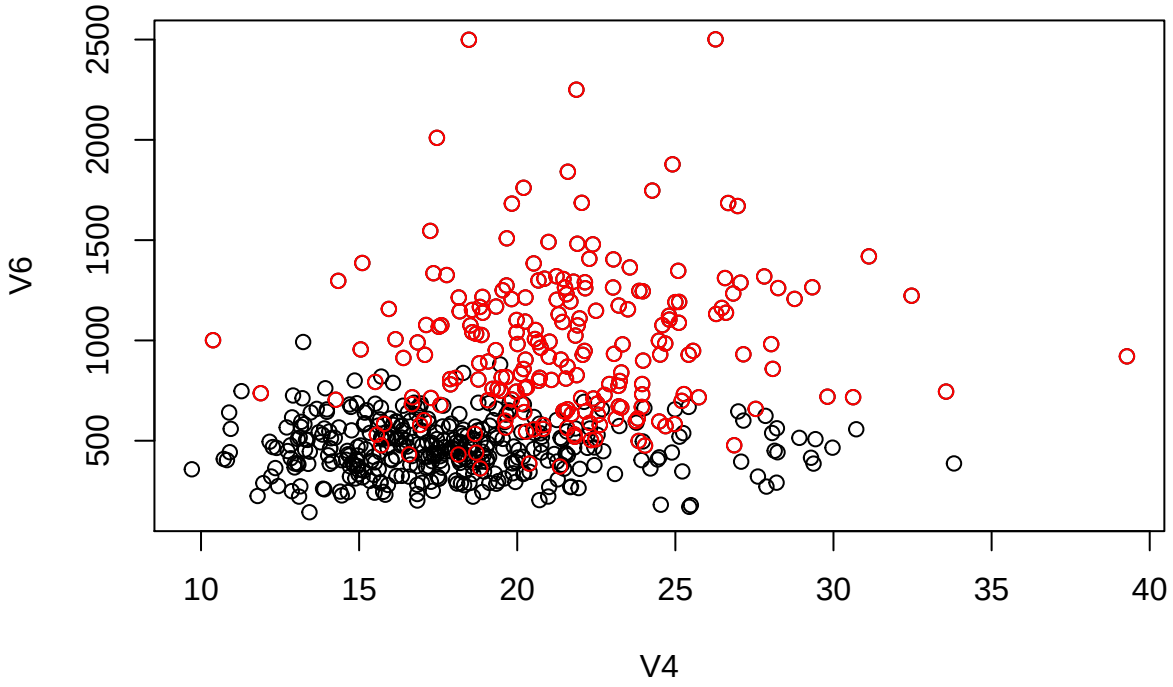

```
datanew <- wdbc[, c('V2' ,'V3' ,'V12')]
plot(datanew[,2:3])
points(datanew[datanew$V2=='M',2:3],col="red")
```



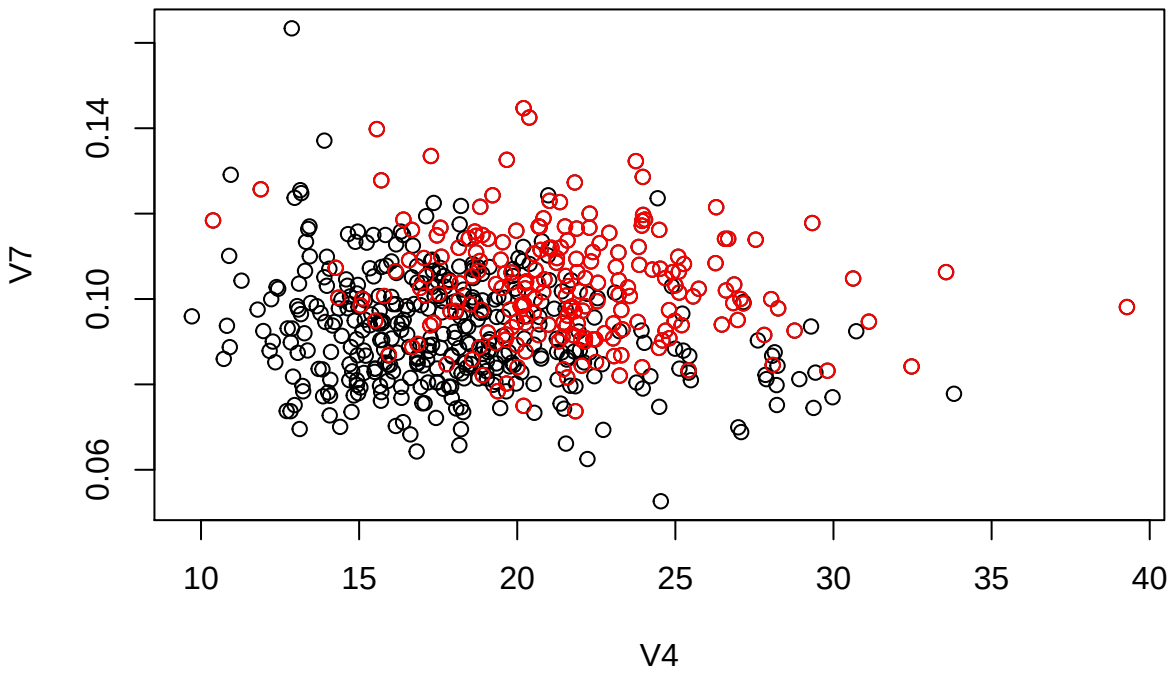

```
datanew <- wdbc[, c('V2' ,'V4' ,'V5')]
plot(datanew[,2:3])
points(datanew[datanew$V2=='M',2:3],col="red")
```



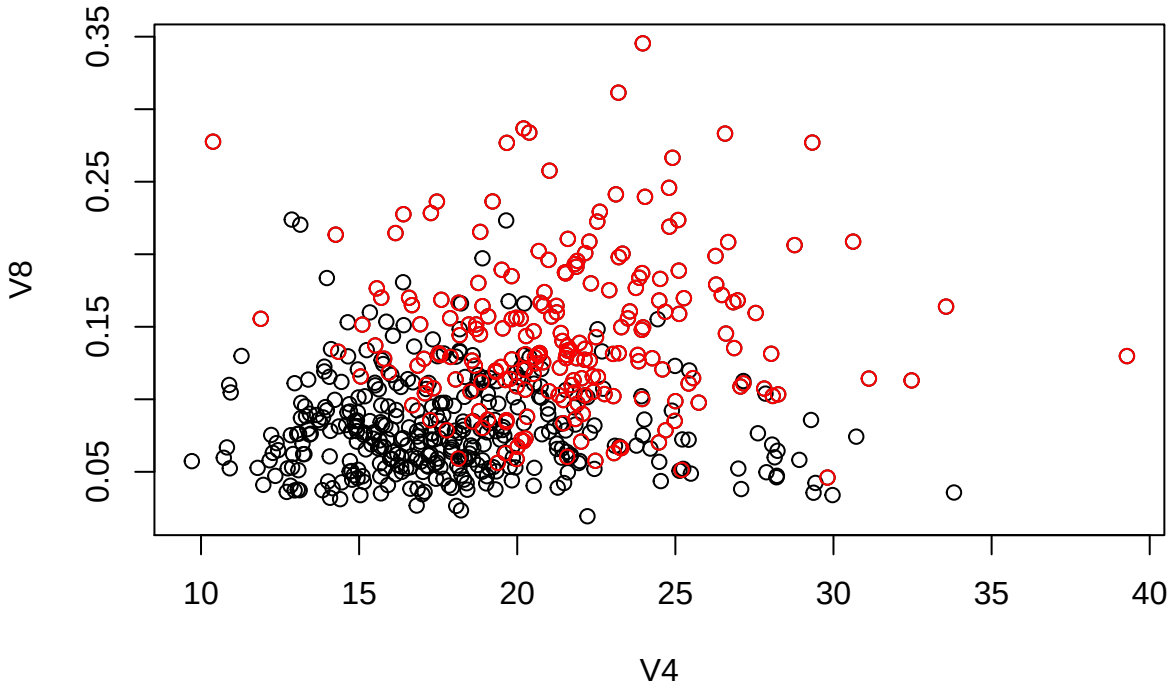

```
datanew <- wdbc[, c('V2' ,'V4' ,'V6')]
plot(datanew[,2:3])
points(datanew[datanew$V2=='M',2:3],col="red")
```



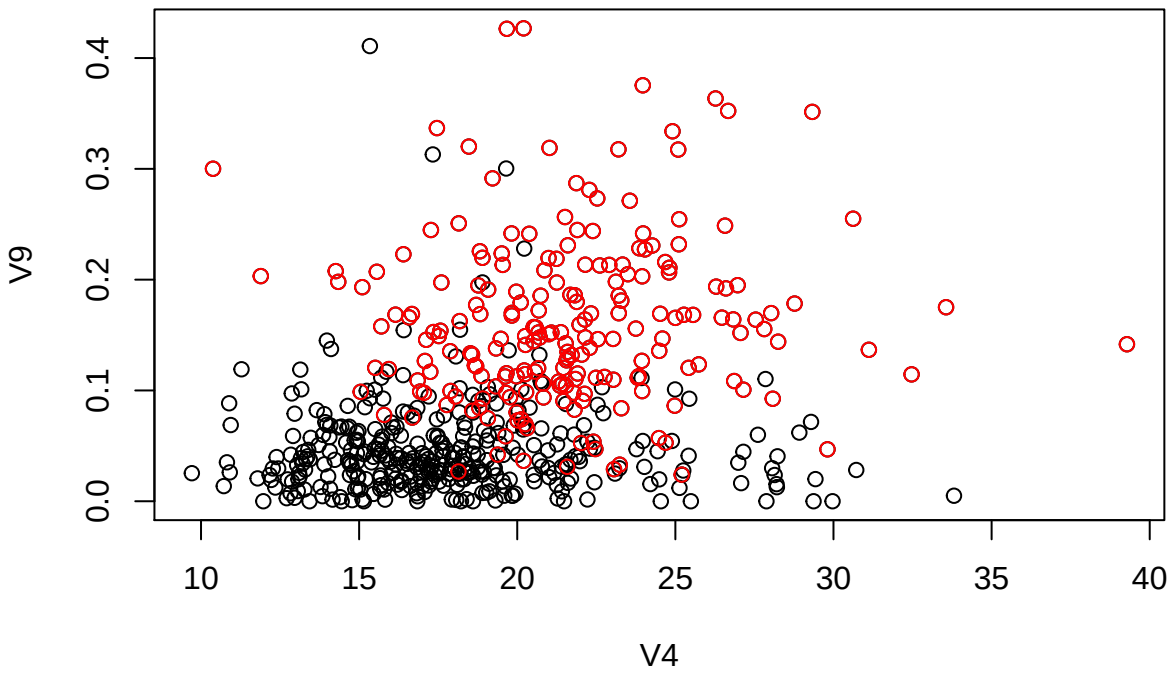

```
datanew <- wdbc[, c('V2' ,'V4' ,'V7')]
plot(datanew[,2:3])
points(datanew[datanew$V2=='M',2:3],col="red")
```



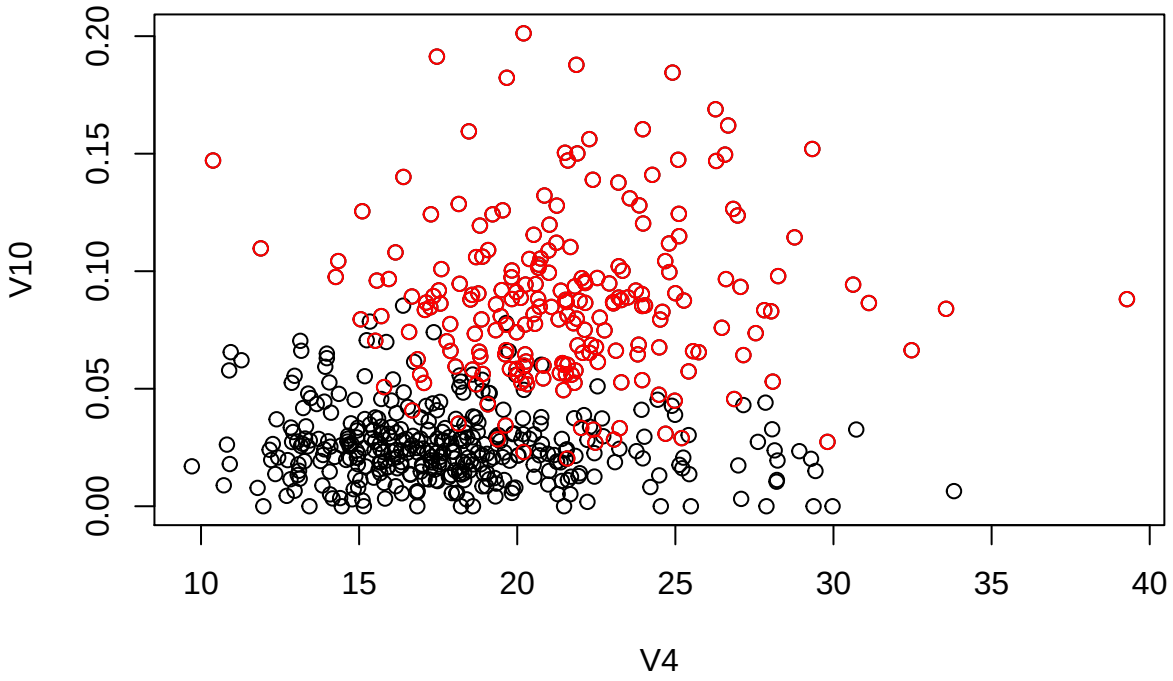

```
datanew <- wdbc[, c('V2' ,'V4' ,'V8')]
plot(datanew[,2:3])
points(datanew[datanew$V2=='M',2:3],col="red")
```



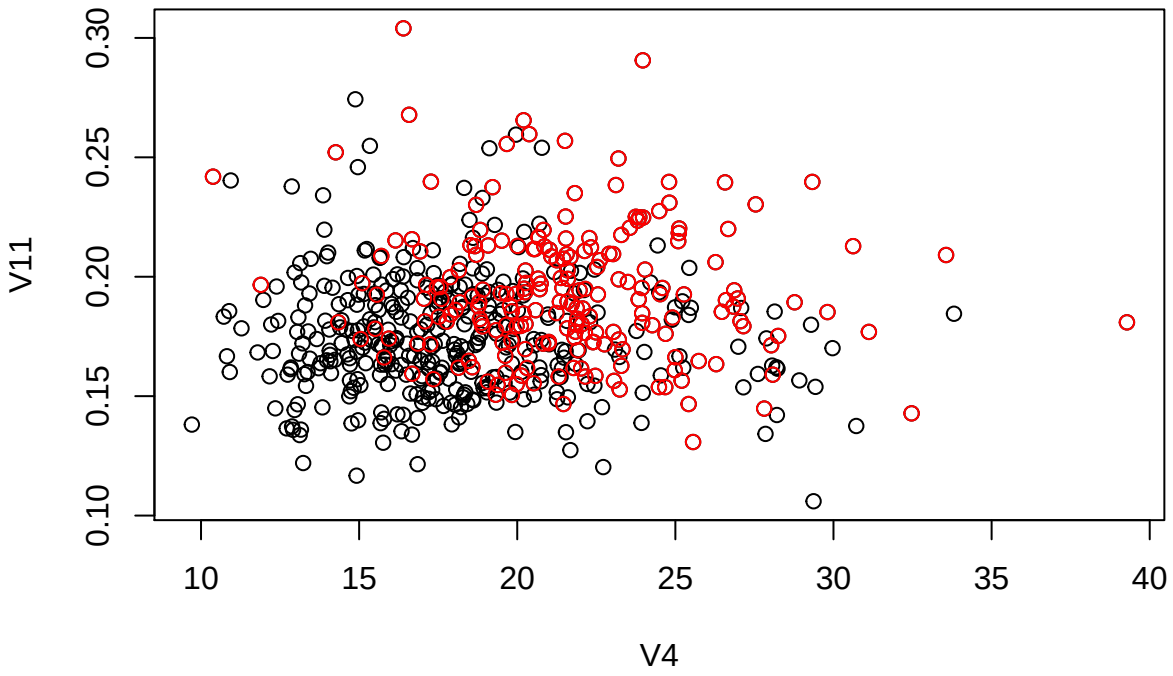

```
datanew <- wdbc[, c('V2' ,'V4' ,'V9')]
plot(datanew[,2:3])
points(datanew[datanew$V2=='M',2:3],col="red")
```



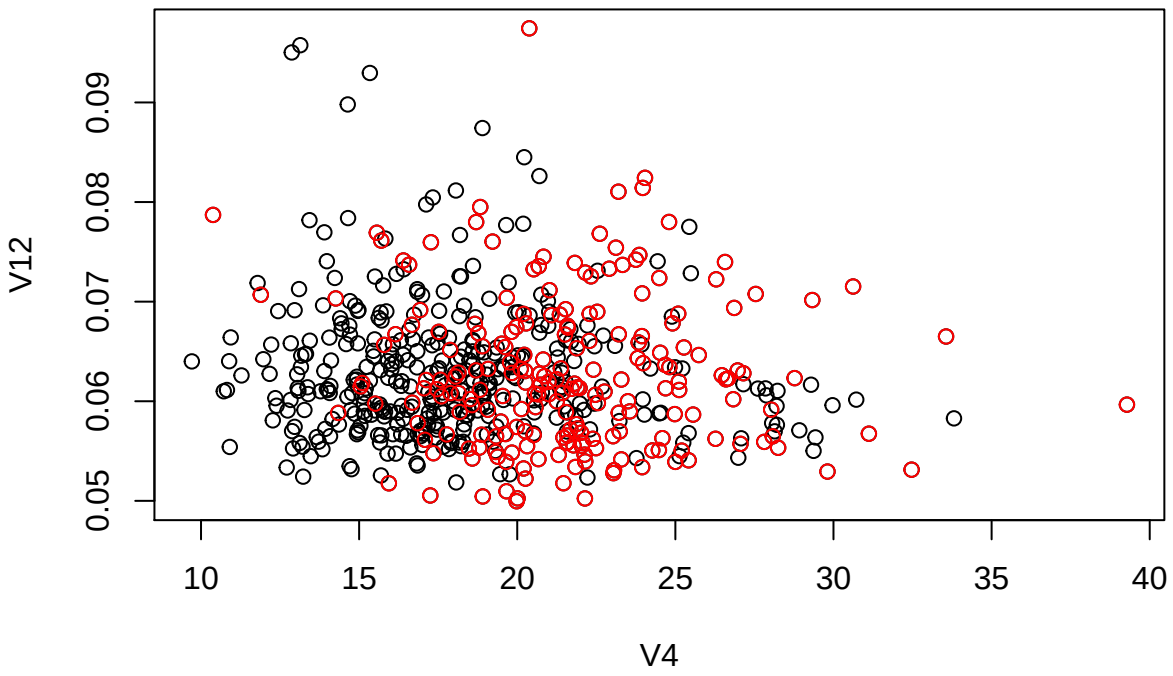

```
datanew <- wdbc[, c('V2' ,'V4' ,'V10')]
plot(datanew[,2:3])
points(datanew[datanew$V2=='M',2:3],col="red")
```



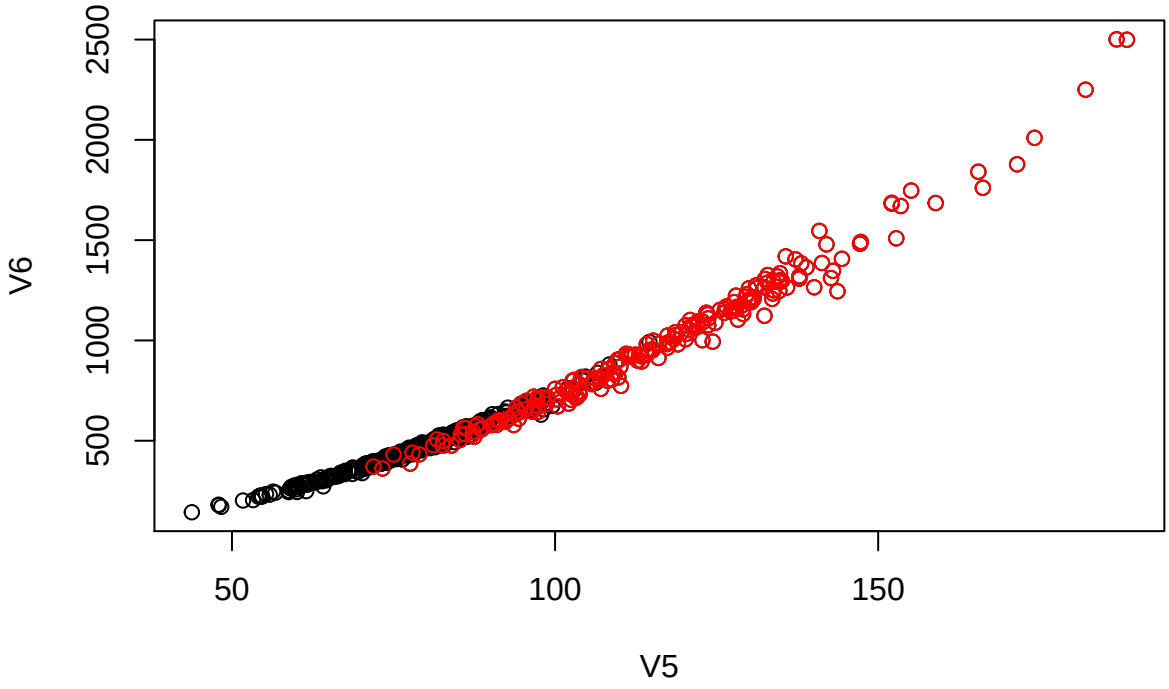

```
datanew <- wdbc[, c('V2' ,'V4' ,'V11')]
plot(datanew[,2:3])
points(datanew[datanew$V2=='M',2:3],col="red")
```



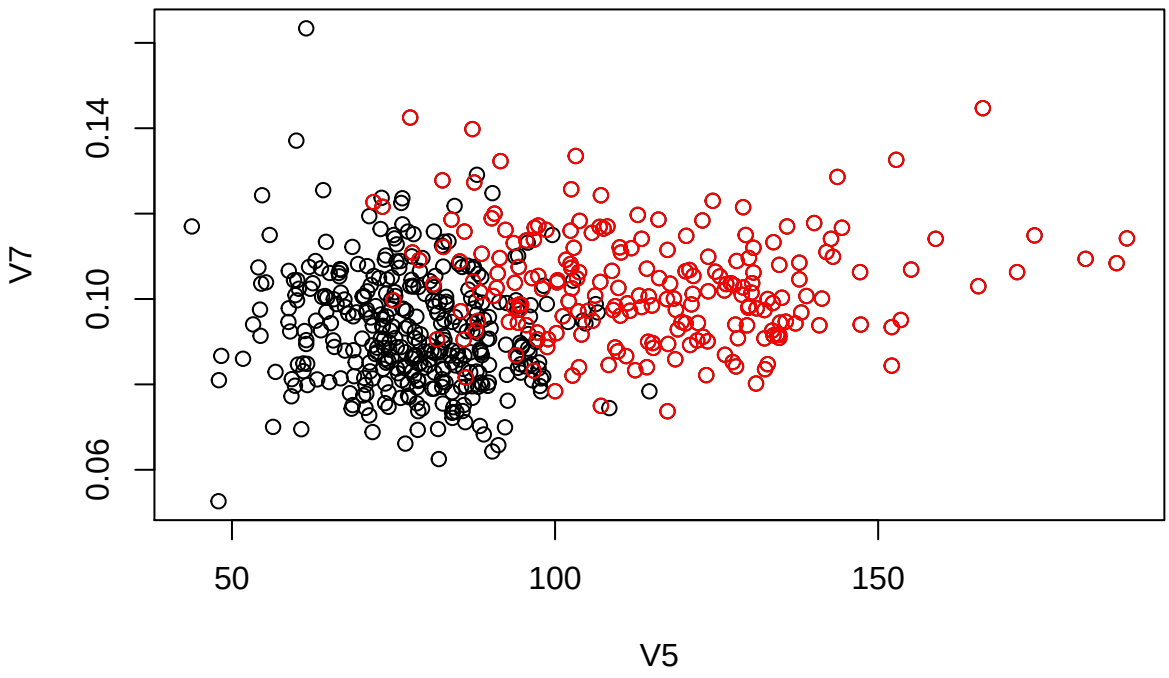

```
datanew <- wdbc[, c('V2' ,'V4' ,'V12')]
plot(datanew[,2:3])
points(datanew[datanew$V2=='M',2:3],col="red")
```



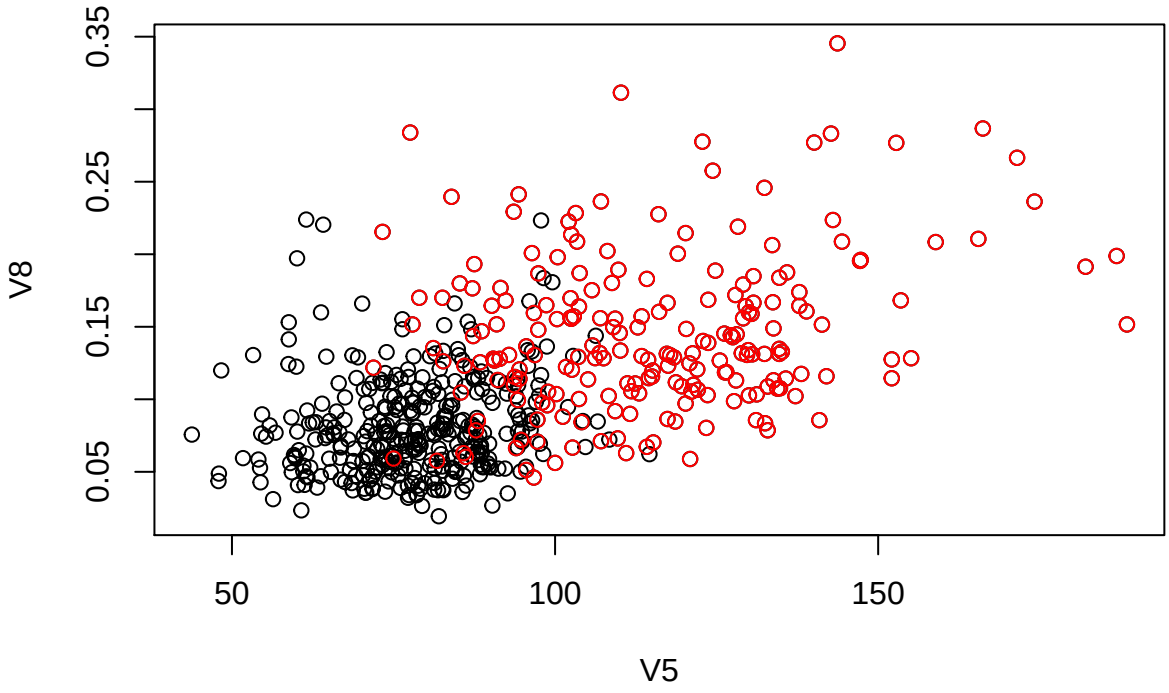

```
datanew <- wdbc[, c('V2' ,'V5' ,'V6')]
plot(datanew[,2:3])
points(datanew[datanew$V2=='M',2:3],col="red")
```



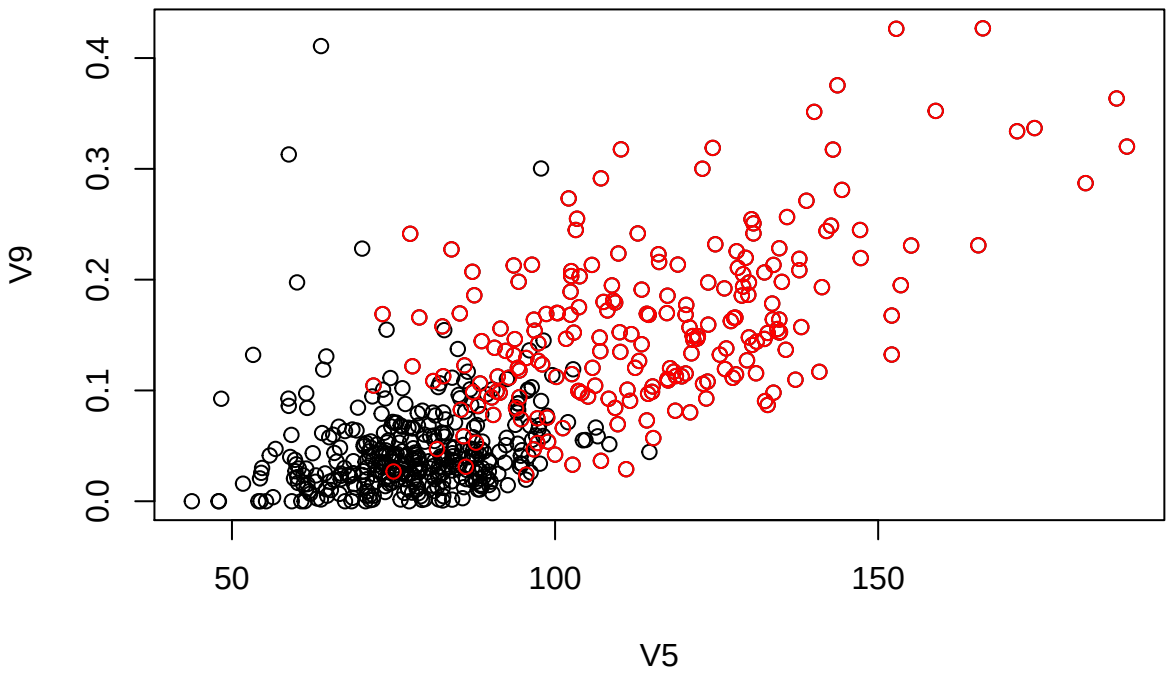

```
datanew <- wdbc[, c('V2' ,'V5' ,'V7')]
plot(datanew[,2:3])
points(datanew[datanew$V2=='M',2:3],col="red")
```



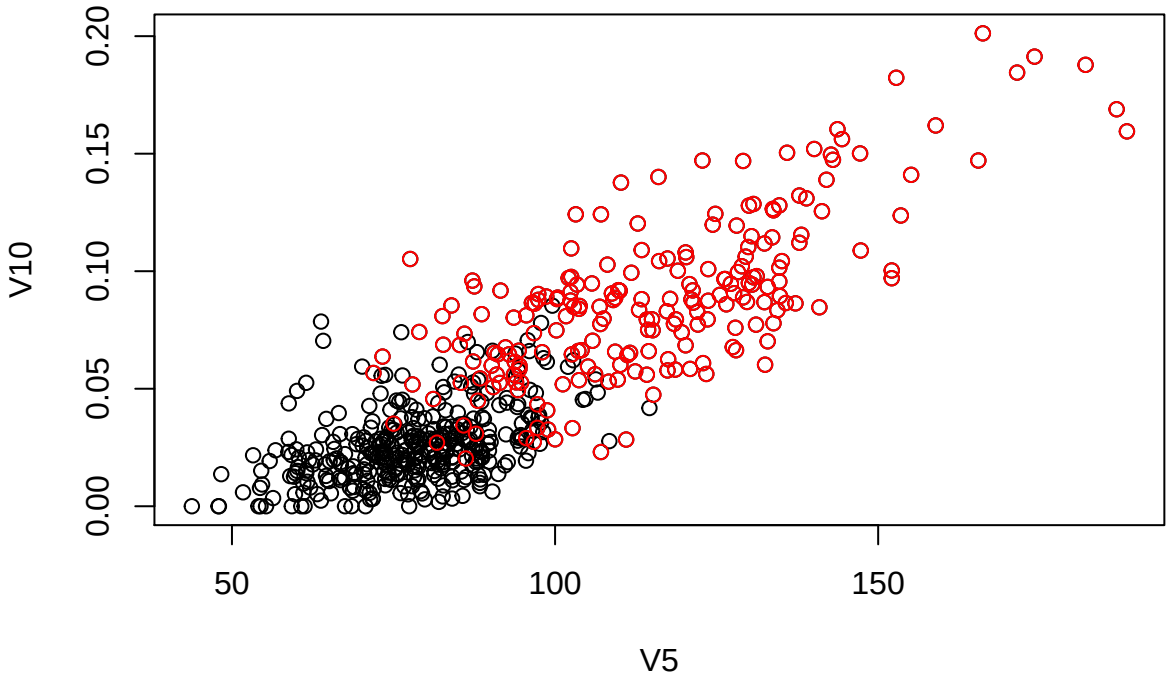

```
datanew <- wdbc[, c('V2' ,'V5' ,'V8')]
plot(datanew[,2:3])
points(datanew[datanew$V2=='M',2:3],col="red")
```



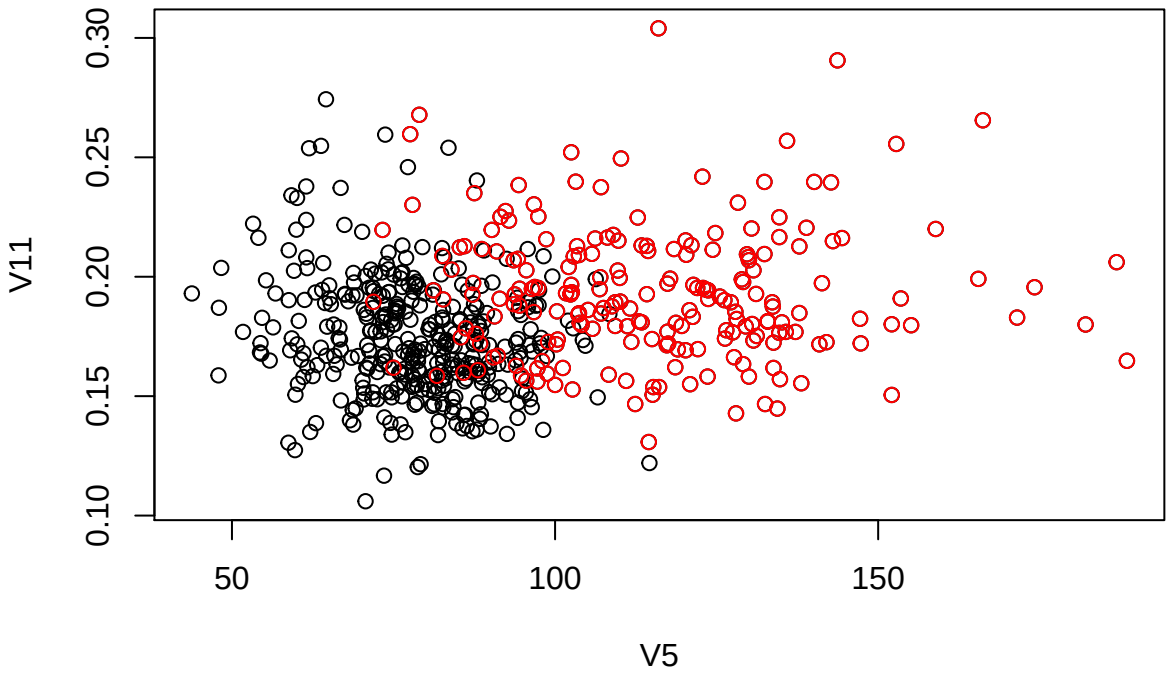

```
datanew <- wdbc[, c('V2' ,'V5' ,'V9')]
plot(datanew[,2:3])
points(datanew[datanew$V2=='M',2:3],col="red")
```



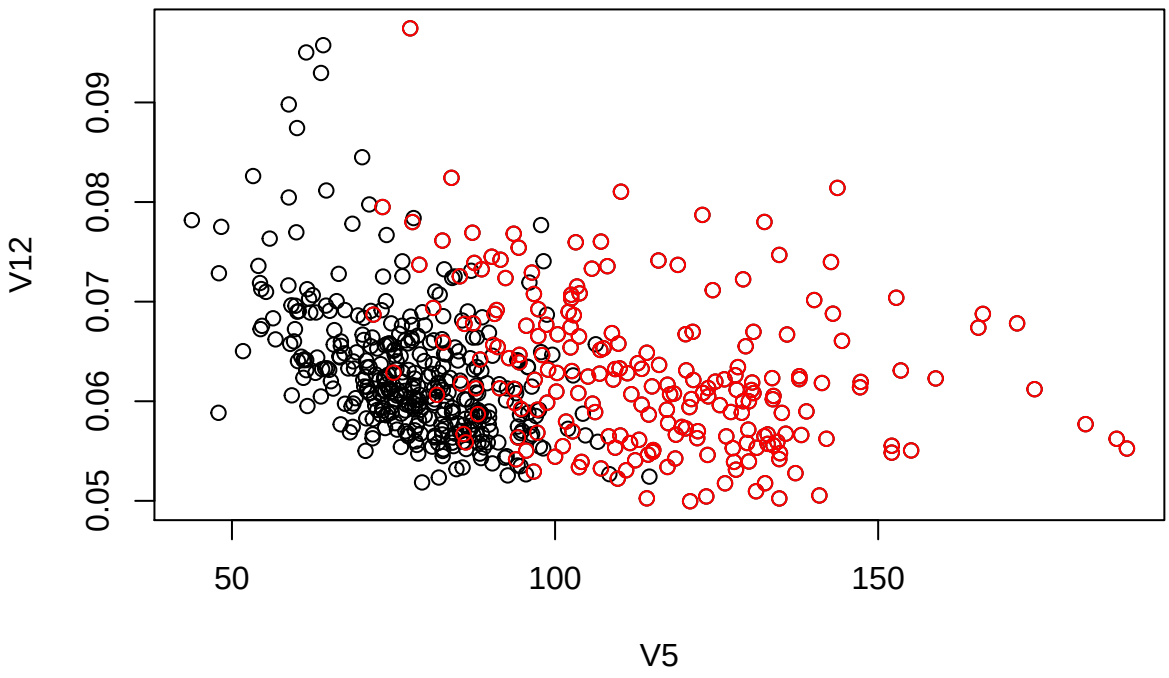

```
datanew <- wdbc[, c('V2' ,'V5' ,'V10')]
plot(datanew[,2:3])
points(datanew[datanew$V2=='M',2:3],col="red")
```



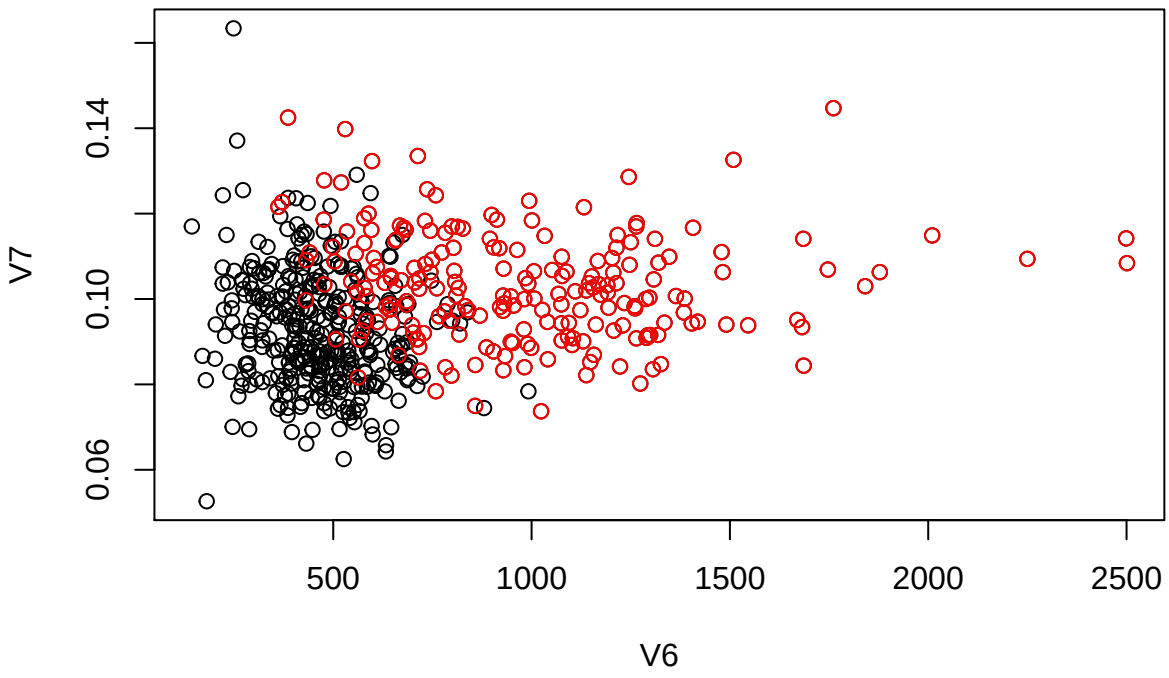

```
datanew <- wdbc[, c('V2' ,'V5' ,'V11')]
plot(datanew[,2:3])
points(datanew[datanew$V2=='M',2:3],col="red")
```



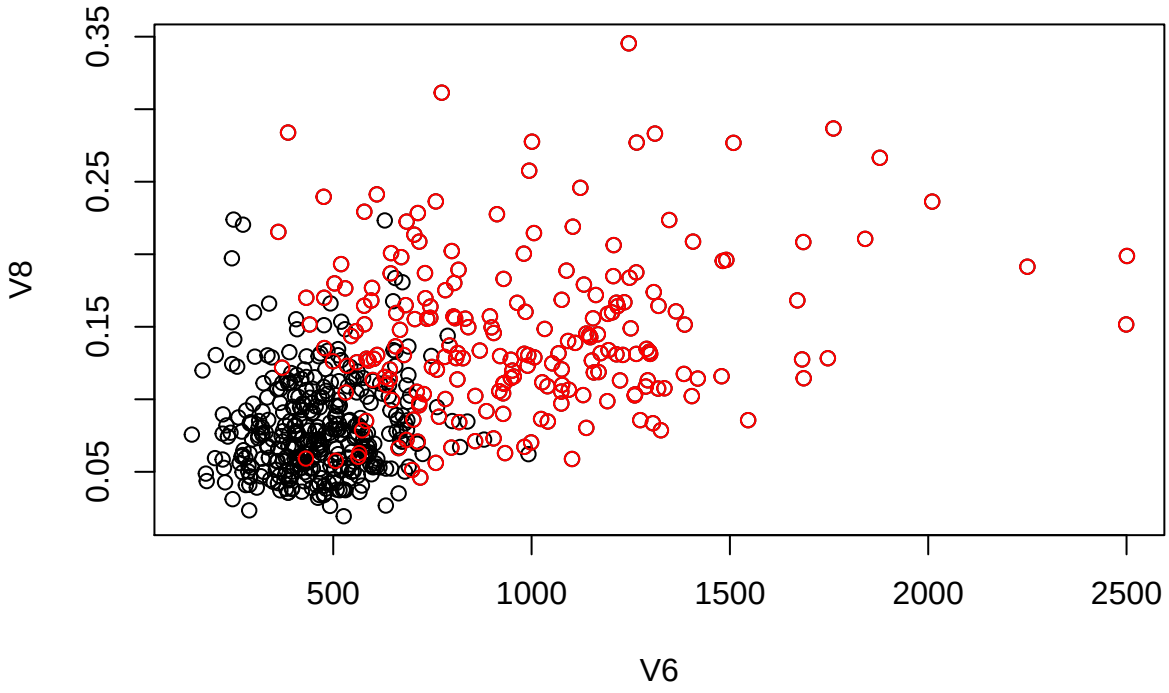

```
datanew <- wdbc[, c('V2' ,'V5' ,'V12')]
plot(datanew[,2:3])
points(datanew[datanew$V2=='M',2:3],col="red")
```



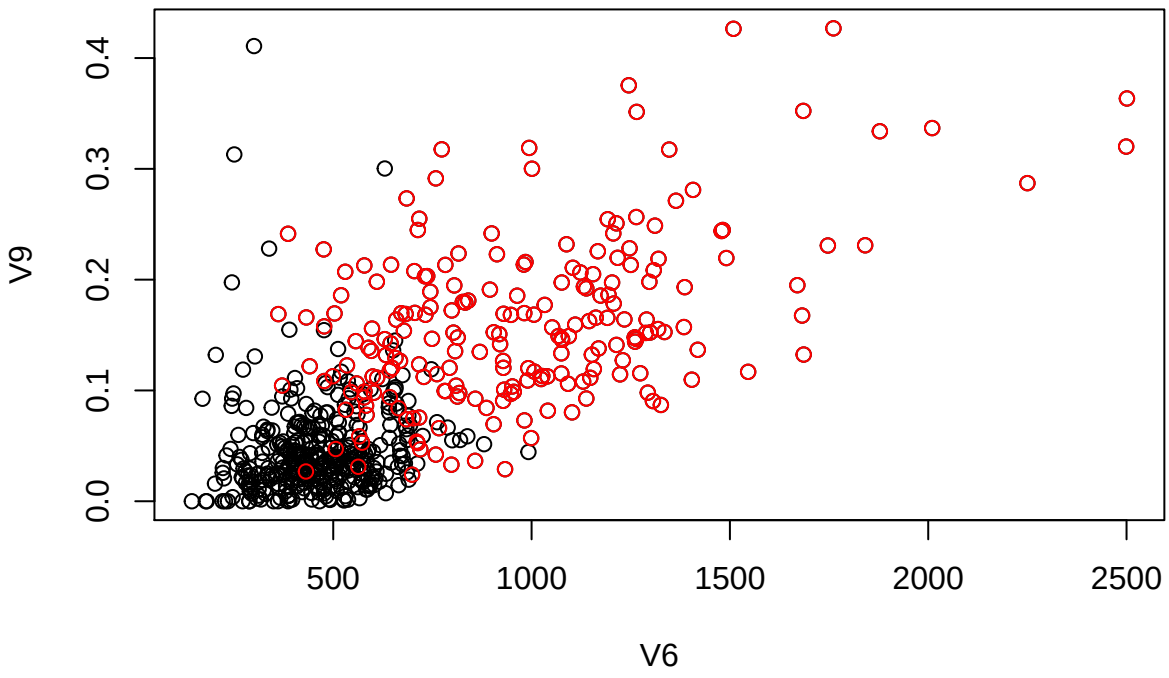

```
datanew <- wdbc[, c('V2' ,'V6' ,'V7')]
plot(datanew[,2:3])
points(datanew[datanew$V2=='M',2:3],col="red")
```



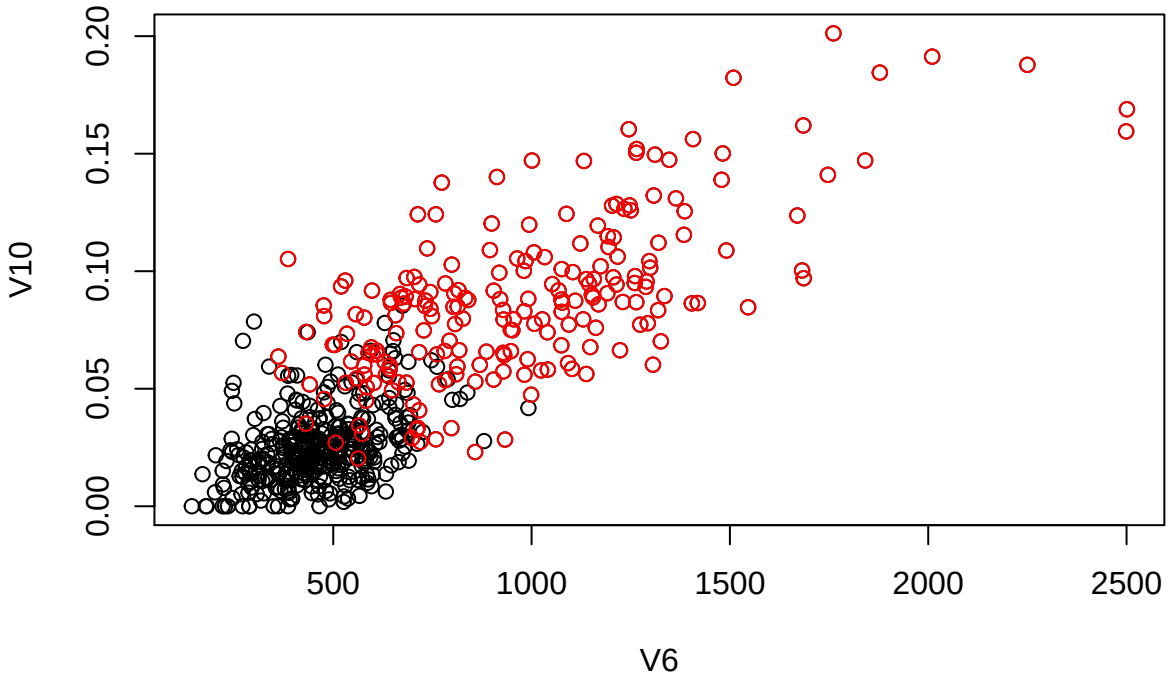

```
datanew <- wdbc[, c('V2' ,'V6' ,'V8')]
plot(datanew[,2:3])
points(datanew[datanew$V2=='M',2:3],col="red")
```



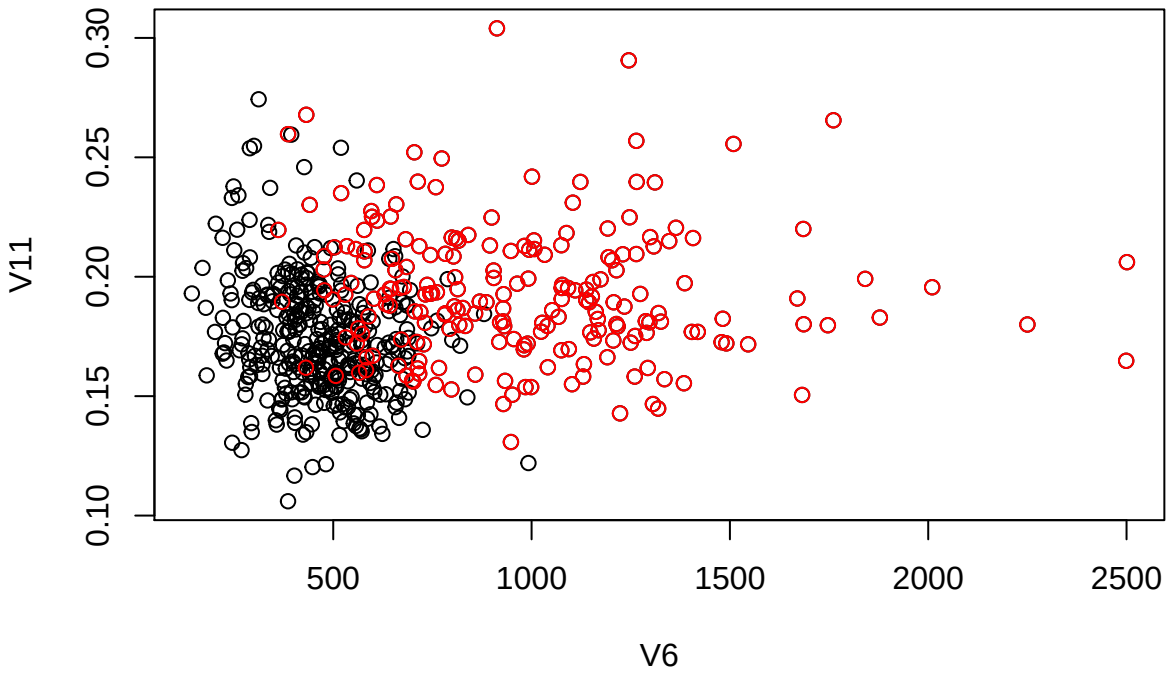

```
datanew <- wdbc[, c('V2' ,'V6' ,'V9')]
plot(datanew[,2:3])
points(datanew[datanew$V2=='M',2:3],col="red")
```



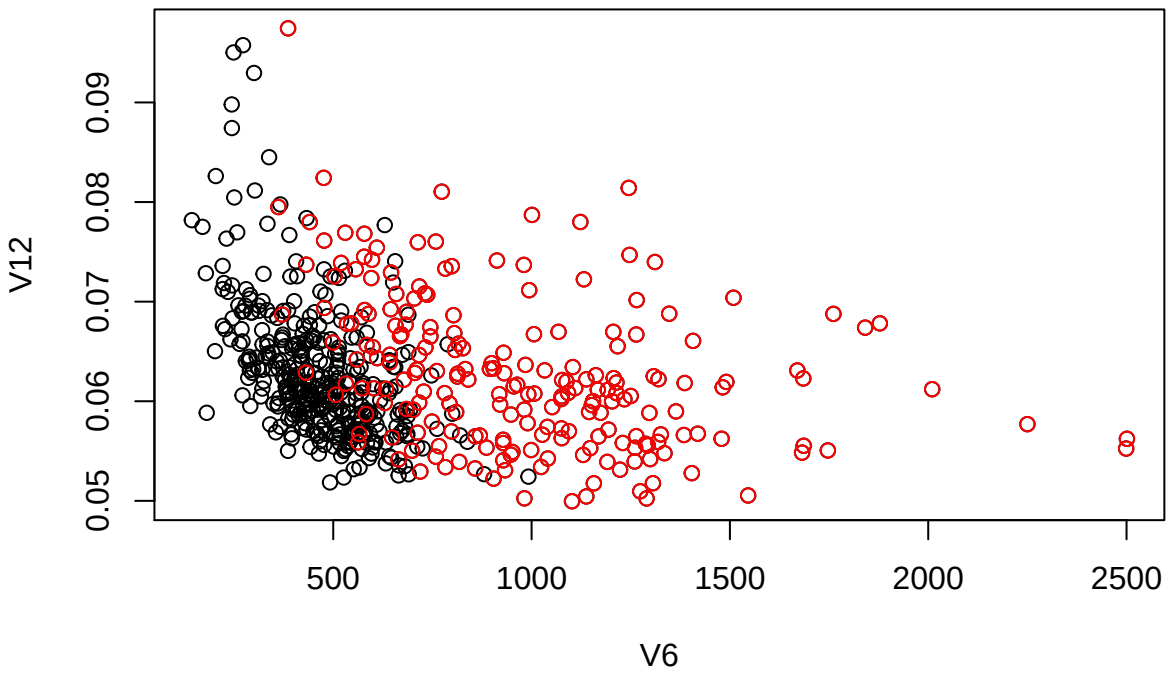

```
datanew <- wdbc[, c('V2' ,'V6' ,'V10')]
plot(datanew[,2:3])
points(datanew[datanew$V2=='M',2:3],col="red")
```



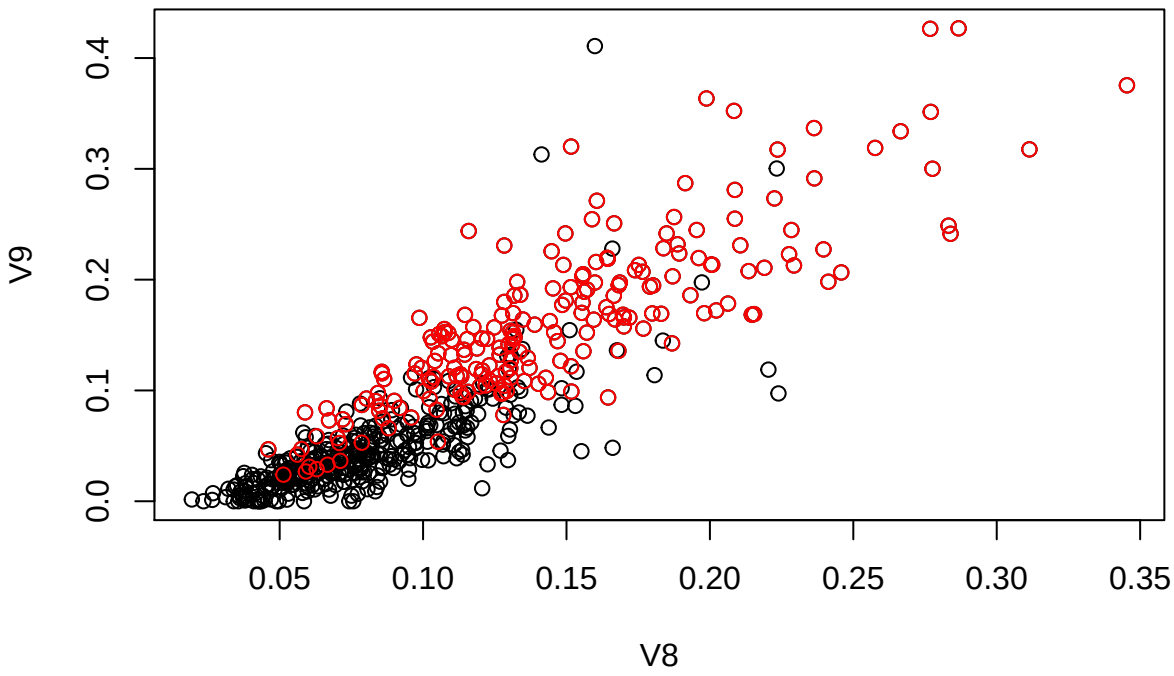

```
datanew <- wdbc[, c('V2' ,'V6' ,'V11')]
plot(datanew[,2:3])
points(datanew[datanew$V2=='M',2:3],col="red")
```



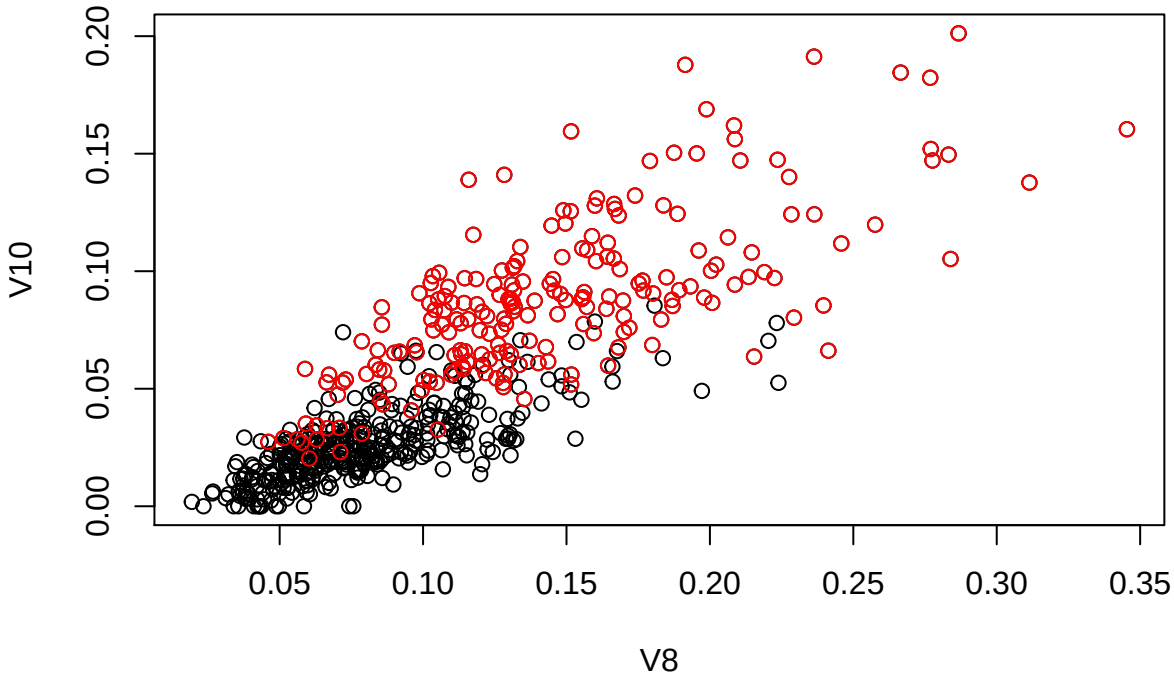

```
datanew <- wdbc[, c('V2' ,'V6' ,'V12')]
plot(datanew[,2:3])
points(datanew[datanew$V2=='M',2:3],col="red")
```



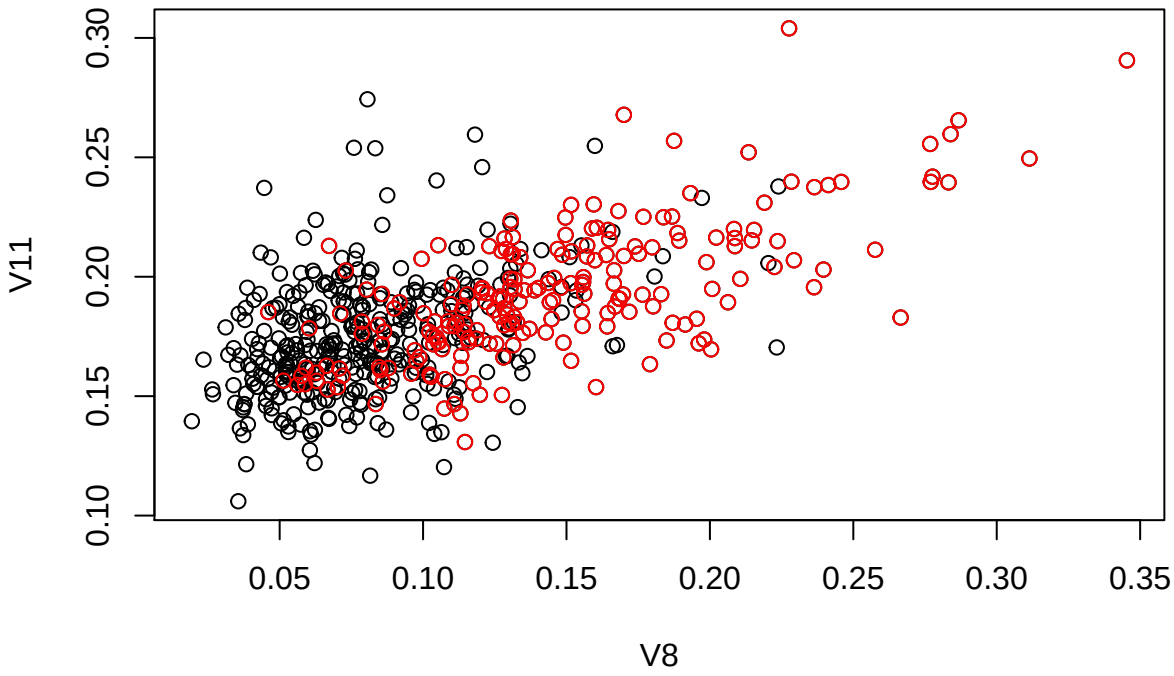

```
datanew <- wdbc[, c('V2' ,'V8' ,'V9')]
plot(datanew[,2:3])
points(datanew[datanew$V2=='M',2:3],col="red")
```



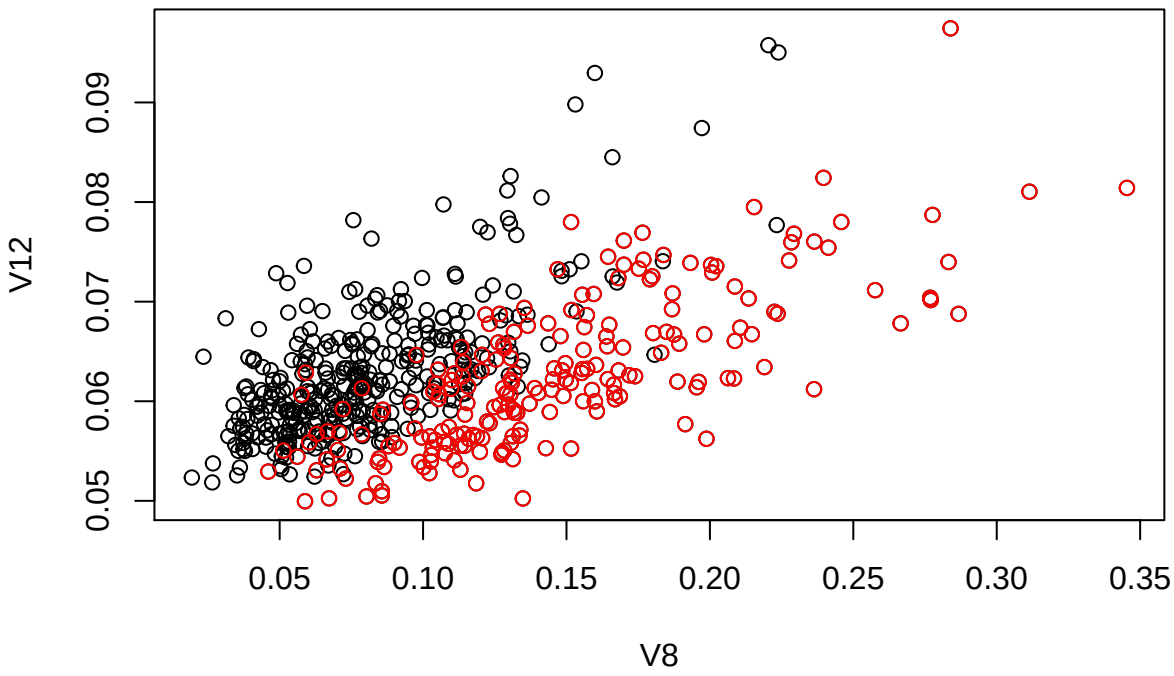

```
datanew <- wdbc[, c('V2' ,'V8' ,'V10')]
plot(datanew[,2:3])
points(datanew[datanew$V2=='M',2:3],col="red")
```



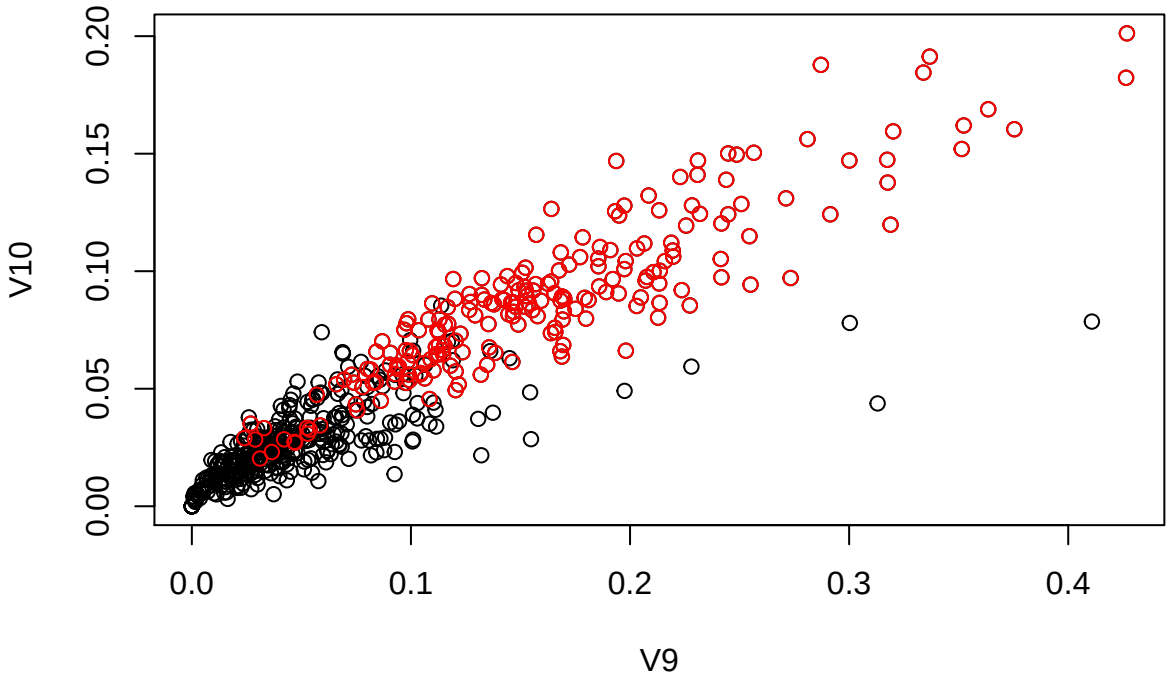

```
datanew <- wdbc[, c('V2' ,'V8' ,'V11')]
plot(datanew[,2:3])
points(datanew[datanew$V2=='M',2:3],col="red")
```



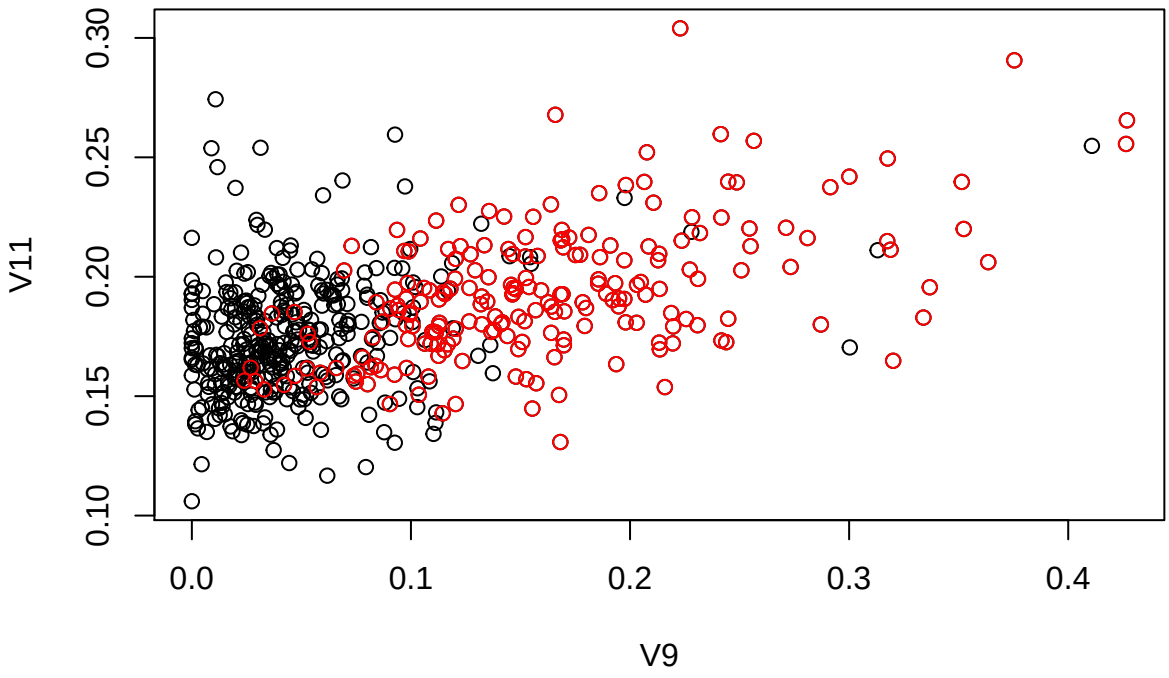

```
datanew <- wdbc[, c('V2' ,'V8' ,'V12')]
plot(datanew[,2:3])
points(datanew[datanew$V2=='M',2:3],col="red")
```



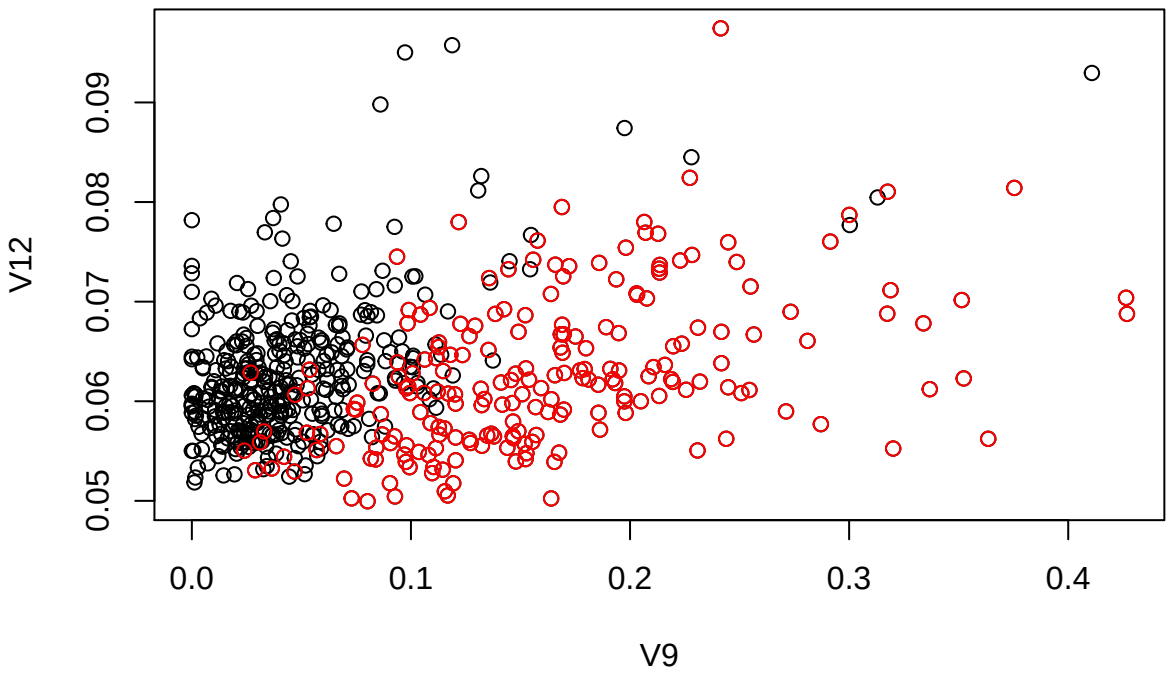

```
datanew <- wdbc[, c('V2' ,'V9' ,'V10')]
plot(datanew[,2:3])
points(datanew[datanew$V2=='M',2:3],col="red")
```



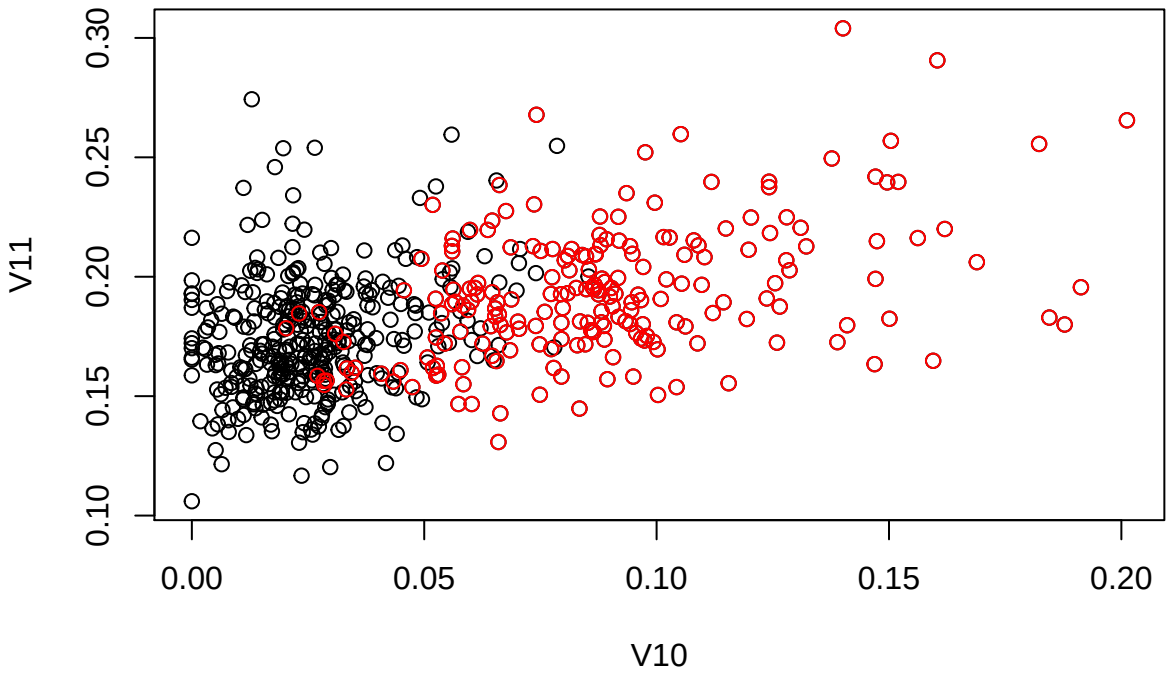

```
datanew <- wdbc[, c('V2' ,'V9' ,'V11')]
plot(datanew[,2:3])
points(datanew[datanew$V2=='M',2:3],col="red")
```



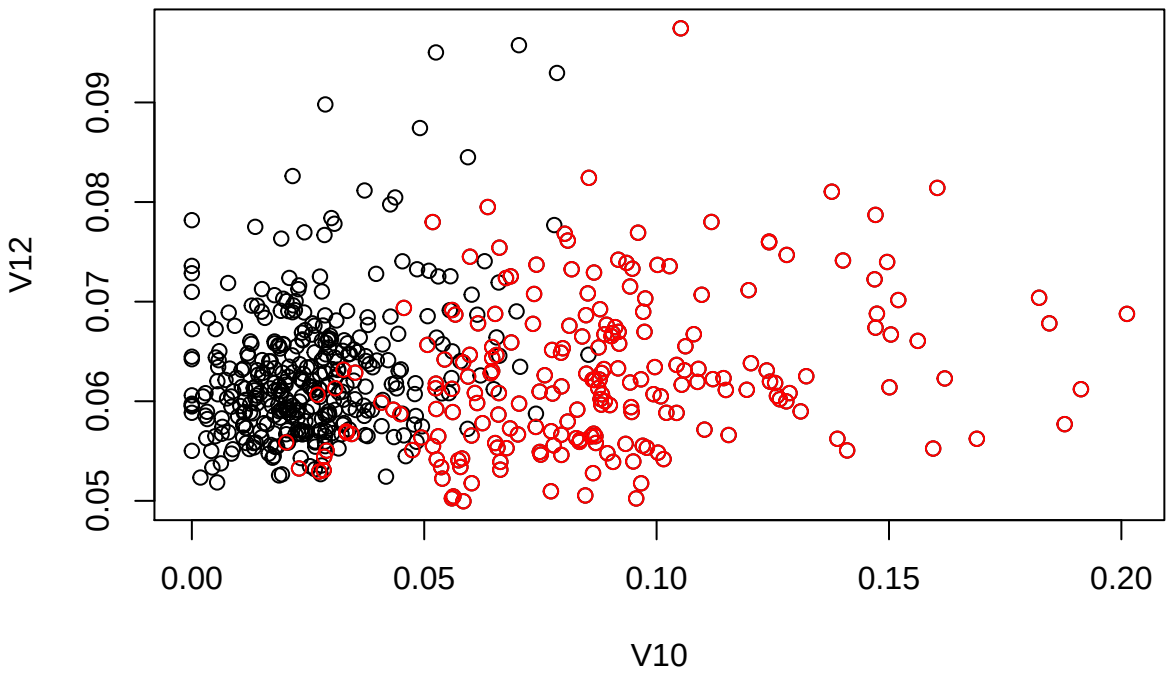

```
datanew <- wdbc[, c('V2' ,'V9' ,'V12')]
plot(datanew[,2:3])
points(datanew[datanew$V2=='M',2:3],col="red")
```



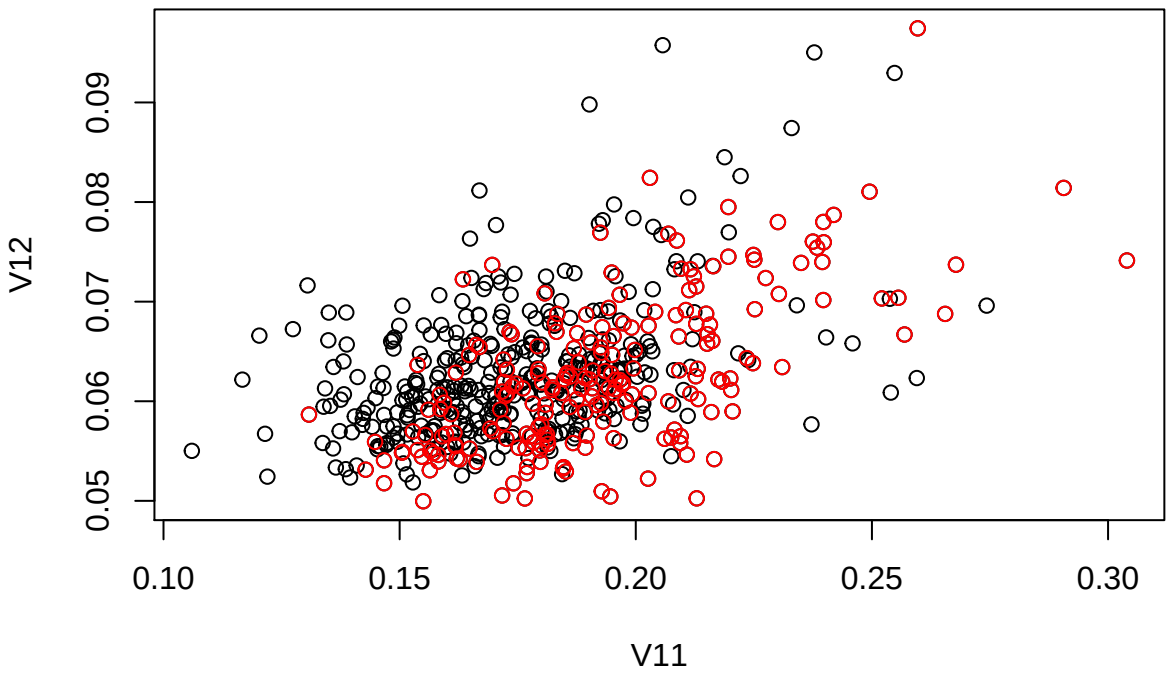

```
datanew <- wdbc[, c('V2' ,'V10' ,'V11')]
plot(datanew[,2:3])
points(datanew[datanew$V2=='M',2:3],col="red")
```




```
datanew <- wdbc[, c('V2' ,'V10' ,'V12')]
plot(datanew[,2:3])
points(datanew[datanew$V2=='M',2:3],col="red")
```




```
datanew <- wdbc[, c('V2' ,'V11' ,'V12')]
plot(datanew[,2:3])
points(datanew[datanew$V2=='M',2:3],col="red")
```


V12
0.05
0.06
0.07
0.08
0.09
0.10
0.15
0.20
0.25
0.30
V11