

```

#GUIA 24

#ANLISIS DE VARIANZA

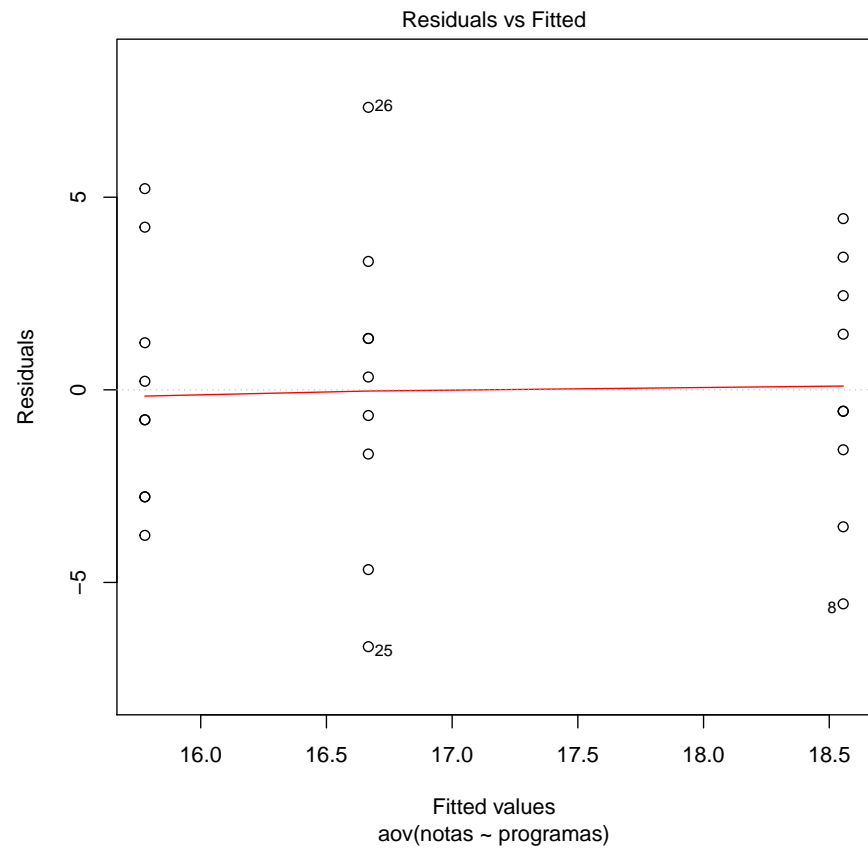
#Ejemplo 1

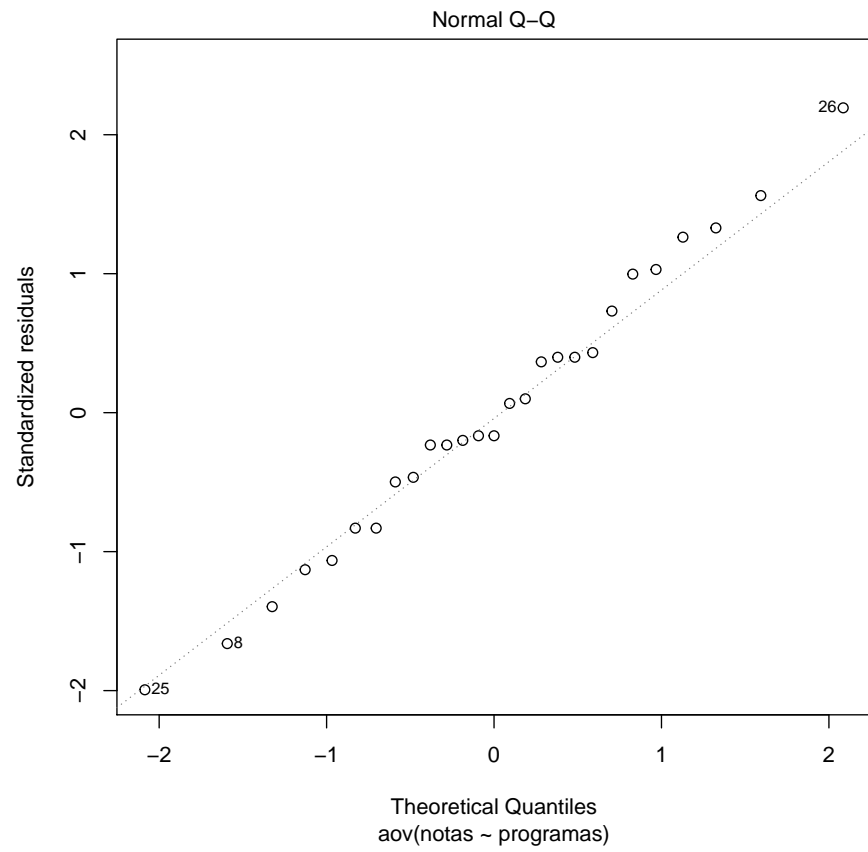
notas <- c(20,18,18,23,22,17,15,13,21,15,20,13,12,16,17,21,15,
          13,12,15,18,20,18,17,10,24,16)
programas <- gl(n=3, k=9, labels=c("P1", "P2", "P3"))
datos <- data.frame(notas = notas, programas = programas);datos

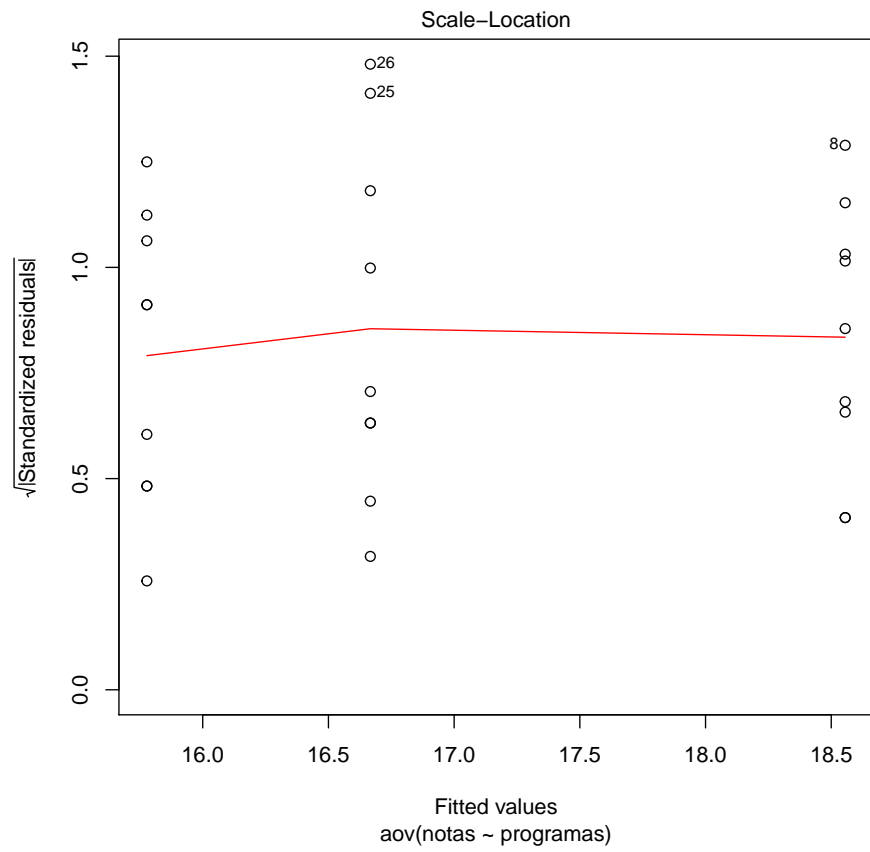
##      notas programas
## 1      20          P1
## 2      18          P1
## 3      18          P1
## 4      23          P1
## 5      22          P1
## 6      17          P1
## 7      15          P1
## 8      13          P1
## 9      21          P1
## 10     15          P2
## 11     20          P2
## 12     13          P2
## 13     12          P2
## 14     16          P2
## 15     17          P2
## 16     21          P2
## 17     15          P2
## 18     13          P2
## 19     12          P3
## 20     15          P3
## 21     18          P3
## 22     20          P3
## 23     18          P3
## 24     17          P3
## 25     10          P3
## 26     24          P3
## 27     16          P3

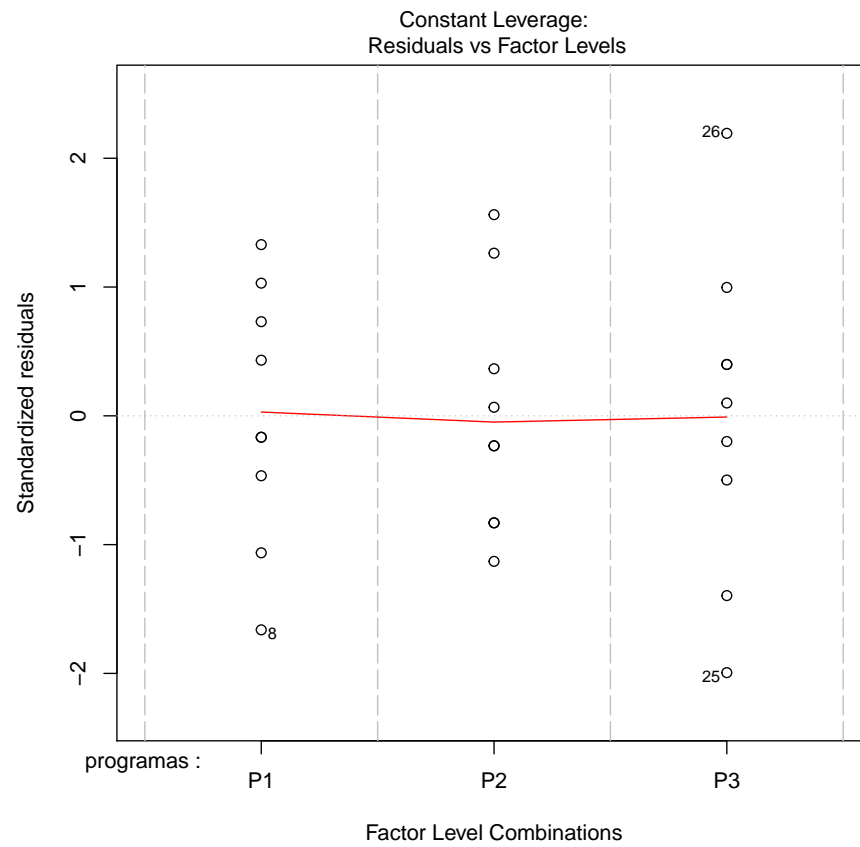
mod1 <- aov(notas ~ programas, data = datos)
plot(mod1)

```









```
#Ejemplo 2
#(No esta la base de datos)
```