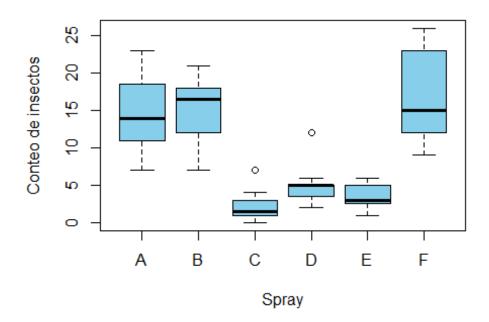
Script_InsectSprays_-R.R

Usuario

2025-05-30

Conteo de insectos por tipo de spray



```
tapply(InsectSprays$count, InsectSprays$spray, length)
## A B C D E F
## 12 12 12 12 12 12
bartlett.test(InsectSprays$count ~ InsectSprays$spray)
##
##
   Bartlett test of homogeneity of variances
##
## data: InsectSprays$count by InsectSprays$spray
## Bartlett's K-squared = 25.96, df = 5, p-value = 9.085e-05
shapiro.test(InsectSprays$count)
##
## Shapiro-Wilk normality test
##
## data: InsectSprays$count
## W = 0.9216, p-value = 0.0002525
InsectSprays$Coun.sqrt <- sqrt(InsectSprays$count)</pre>
 shapiro.test(InsectSprays$Coun.sqrt)
##
##
   Shapiro-Wilk normality test
##
## data: InsectSprays$Coun.sqrt
## W = 0.96728, p-value = 0.05765
InsectSprays.aov <- aov(InsectSprays$Coun.sqrt ~ InsectSprays$spray)</pre>
summary(InsectSprays.aov)
##
                      Df Sum Sq Mean Sq F value Pr(>F)
## InsectSprays$spray 5 88.44 17.688
                                           44.8 <2e-16 ***
## Residuals
                     66 26.06
                                  0.395
## ---
## Signif. codes: 0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
```