04_prueba_p_una_muestra. R

Correlación

Usuario

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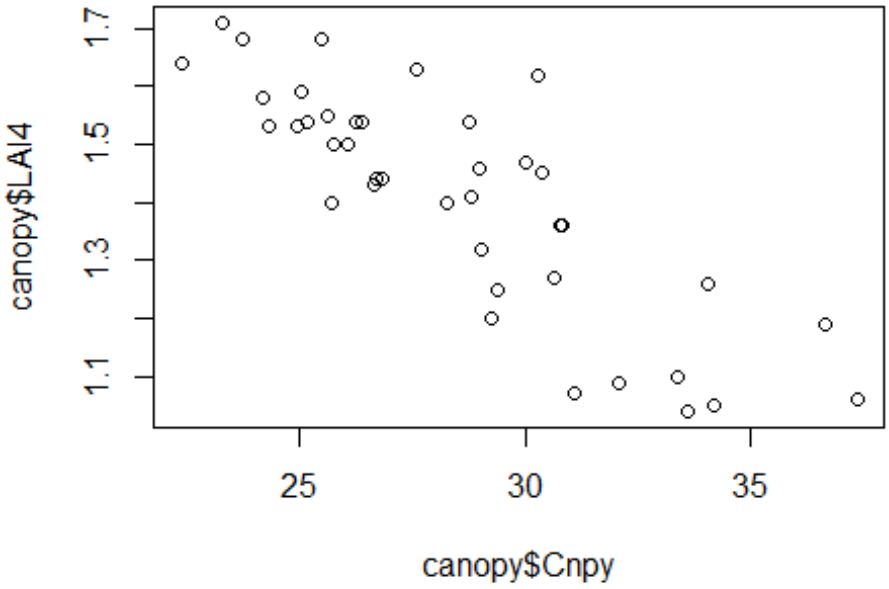
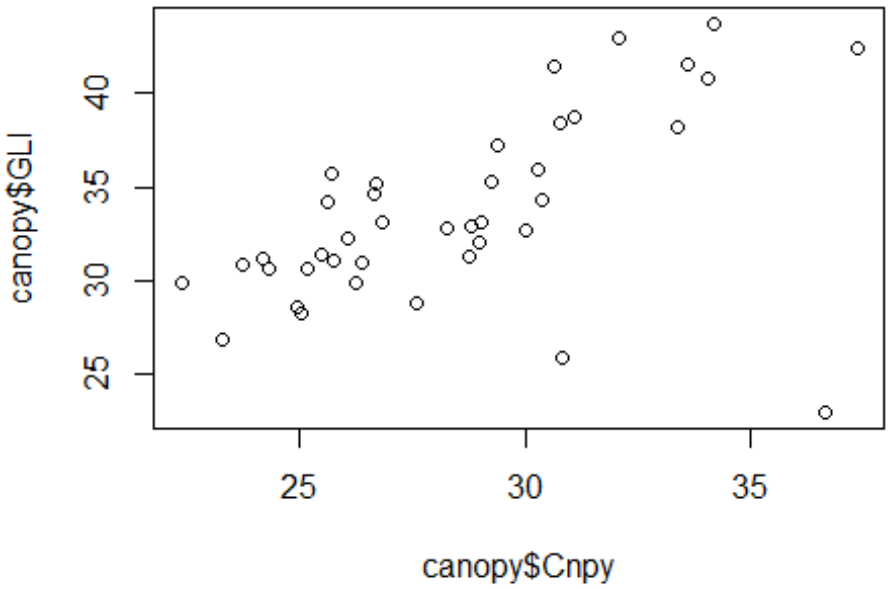
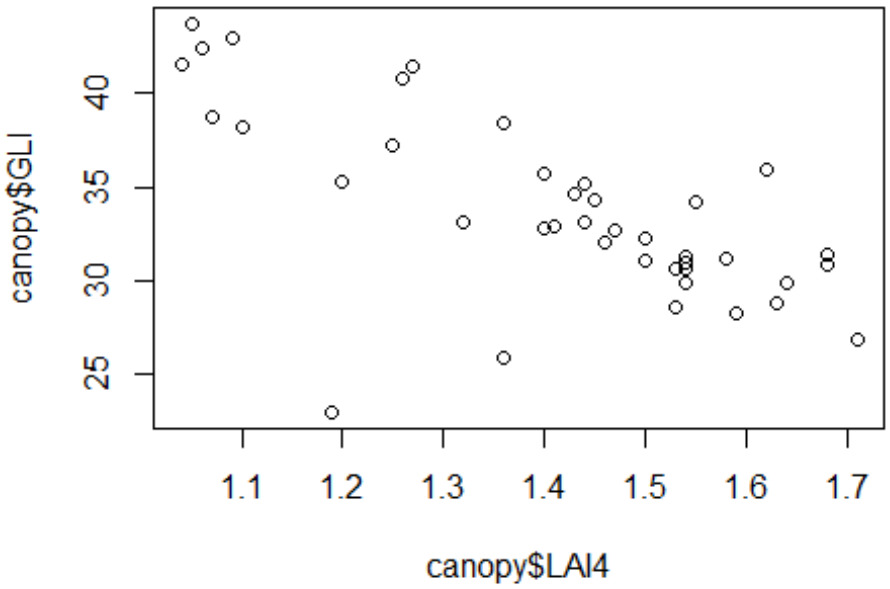
```
# Luz Elena Rodriguez Pequeño
# 18/09/2023
# Matricula: 2070472
#correlación

# Importar ----------------------------------------------------------------
--



setwd("C:/Repositorio_LR/Met_ES/codigos")

canopy <- read.csv("canopy.csv" , header = T)
canopy$Forest <- as.factor(canopy$Forest)


# Grafica -----------------------------------------------------------------
--

plot(canopy$Cnpy, canopy$LAI4)
```




```
#Aplicacion negativa entre cnpy vs LAI4
plot(canopy$Cnpy, canopy$GLI)
```



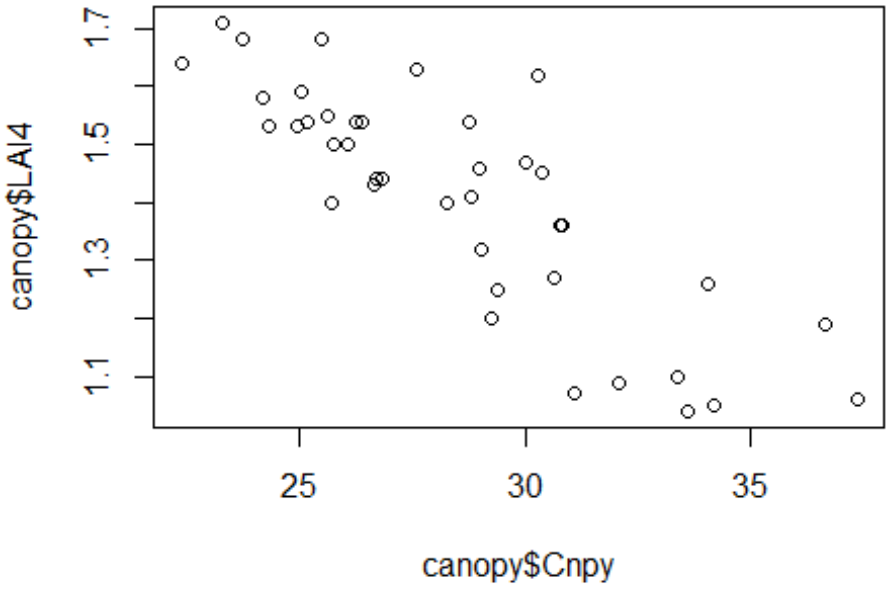
```r
#Asociacion positiva cnpy vs GLI (luz que llega al suelo)
plot(canopy$LAI4, canopy$GLI)
```




```r
#Asociacion negativa entre LAI4 VS GLI

cor.test(canopy$Cnpy, canopy$LAI4)
```

```
##
##  Pearson's product-moment correlation
##
## data:  canopy$Cnpy and canopy$LAI4
## t = -9.2962, df = 38, p-value = 2.493e-11
## alternative hypothesis: true correlation is not equal to 0
## 95 percent confidence interval:
##  -0.9089473 -0.7049143
## sample estimates:
##       cor
## -0.833416
```

```r
# Personalizar gracfica  ----------------------------------------------
--

plot(canopy$Cnpy, canopy$LAI4)
```




```
     xlab = "Apertura dosel (%)"
     ylab = "Area Foliar"
```