04_Correlacion.R

Usuario

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```
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# 25/Septiembre/2023
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# Importar ----------------------------------------------------------------

setwd("C:/Genaro Met.ES/Met_ES/Scripts")
Canopy <- read.csv("canopy.csv", header = T)
Canopy$Forest <- as.factor(Canopy$Forest)


# Gráfica -----------------------------------------------------------------

plot(Canopy$Cnpy, Canopy$GLI)
```
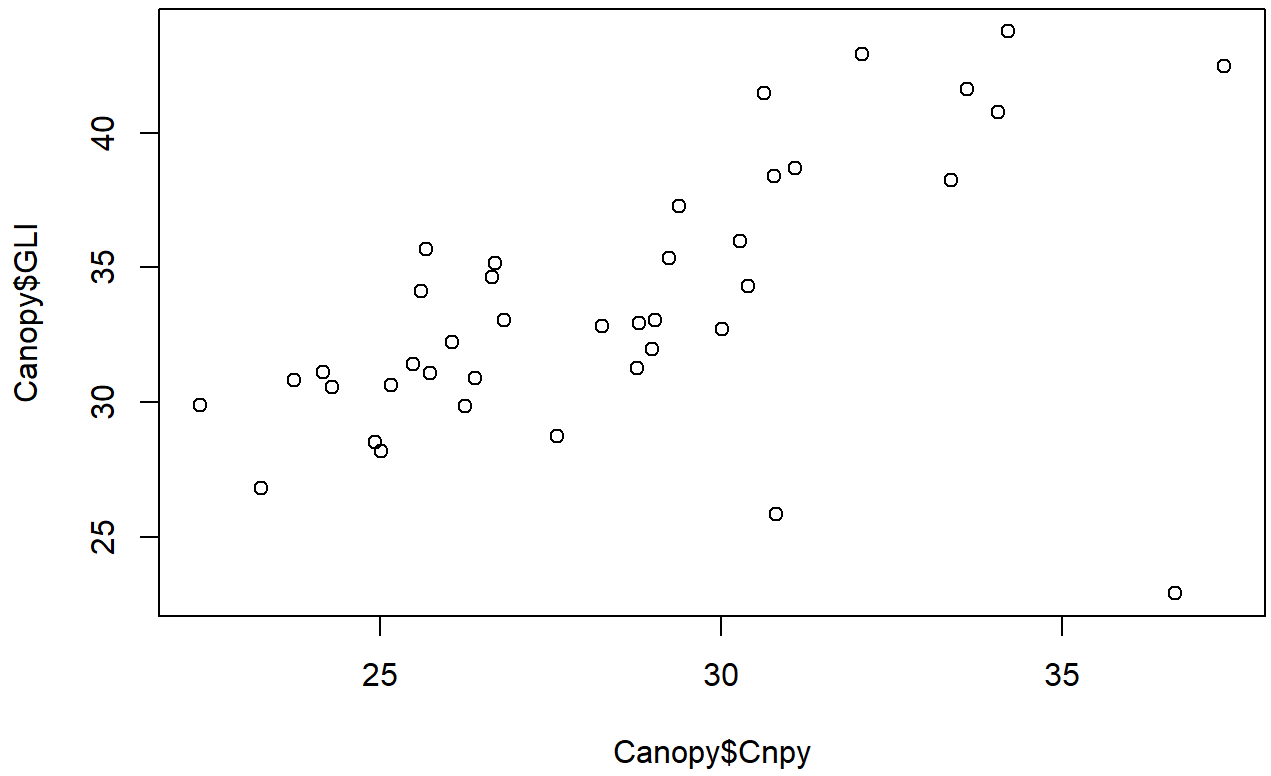
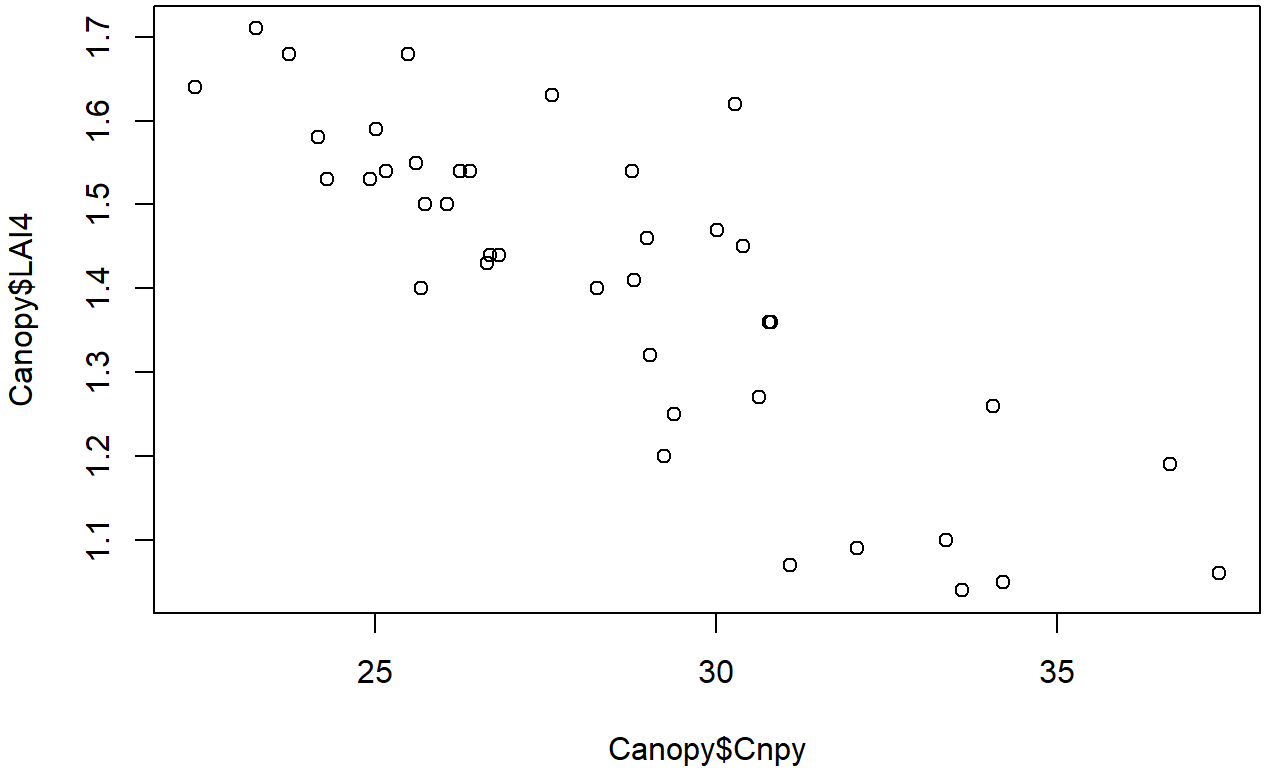
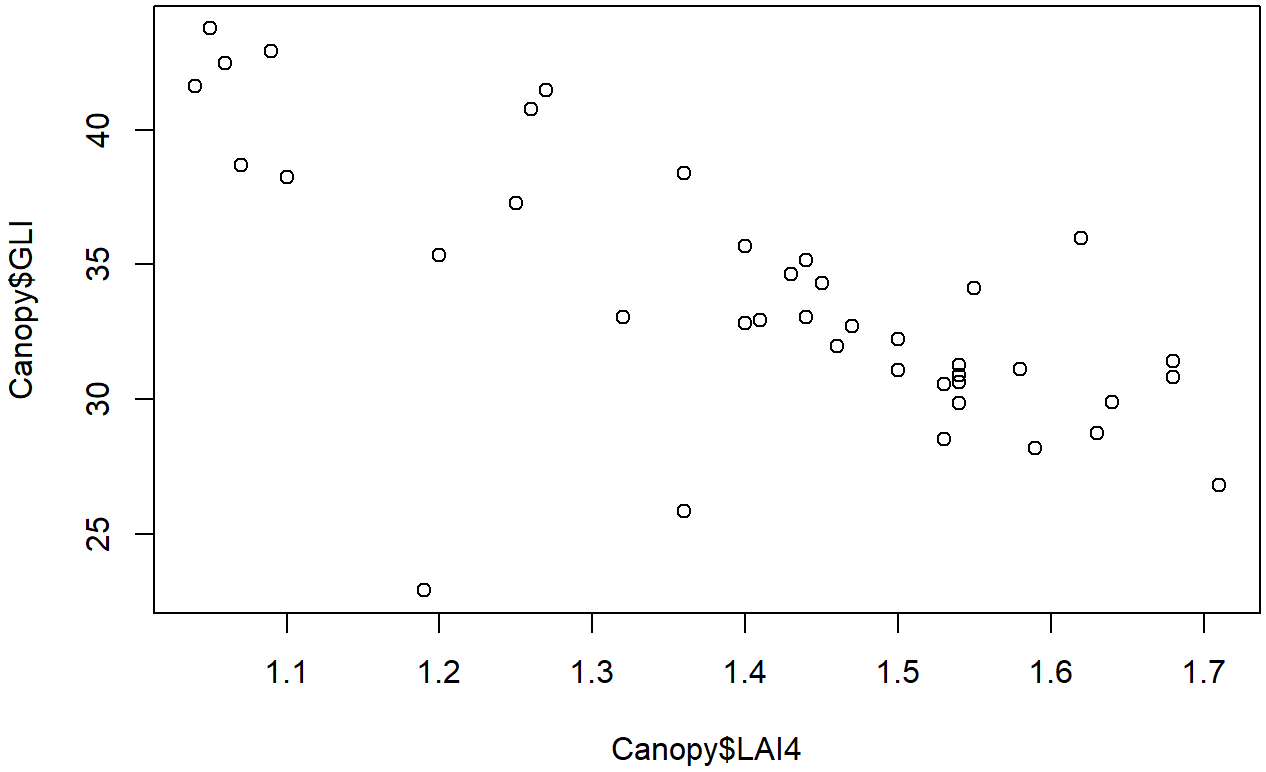



```
# Asociacion positiva

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



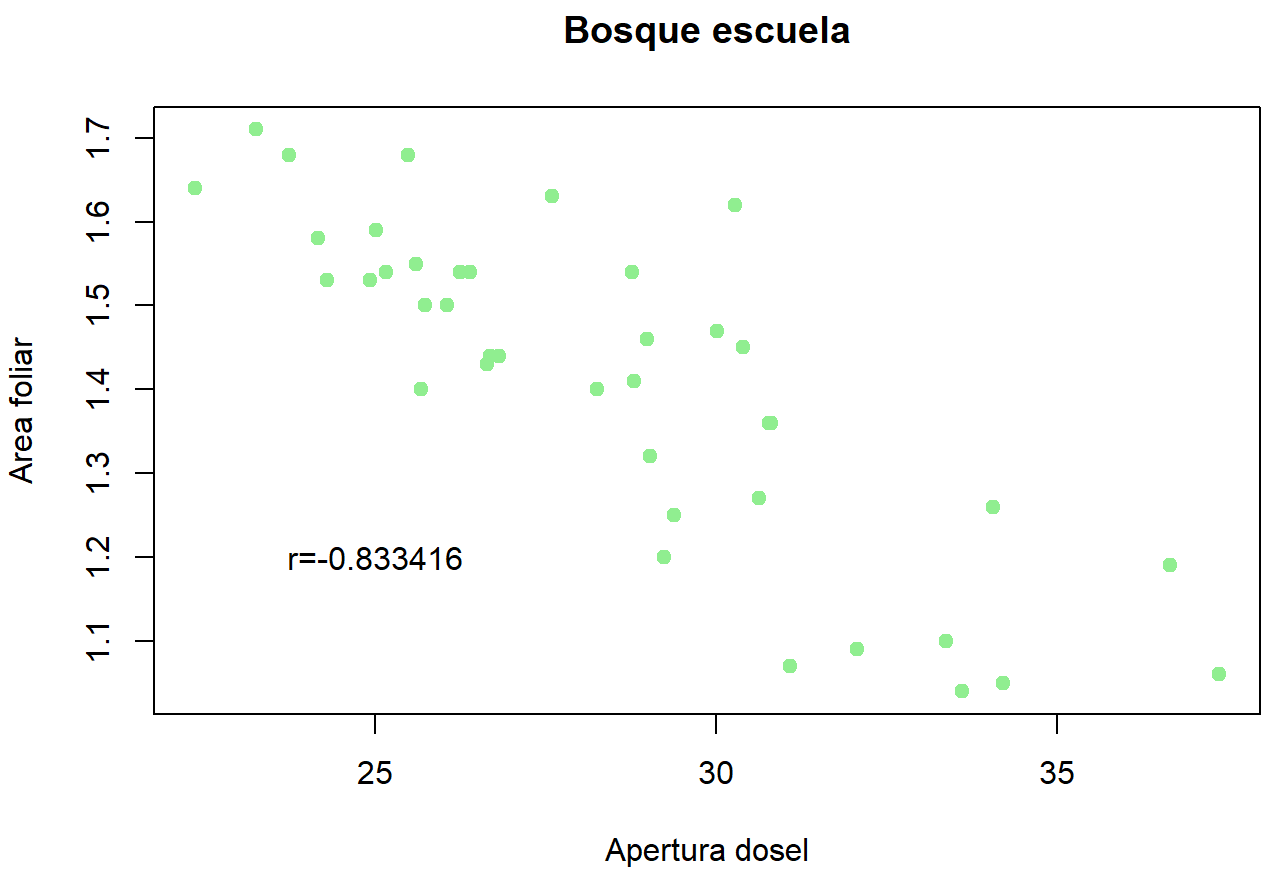

```
# Asociacion negativa

plot(Canopy$LAI4, Canopy$GLI)
```




```
# Asociacion negativa


# Personalizar ------------------------------------------------------------

plot(Canopy$Cnpy, Canopy$LAI4, xlab = "Apertura dosel", ylab = "Area foliar",main = "Bosque escu
ela",
     col="lightgreen", pch=19)
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
```

```
text(25,1.2, "r=-0.833416")
```


Bosque escuela
Area foliar
1.1
1.2
1.3
1.4
1.5
1.6
1.7
r=-0.833416
25
30
35
Apertura dosel