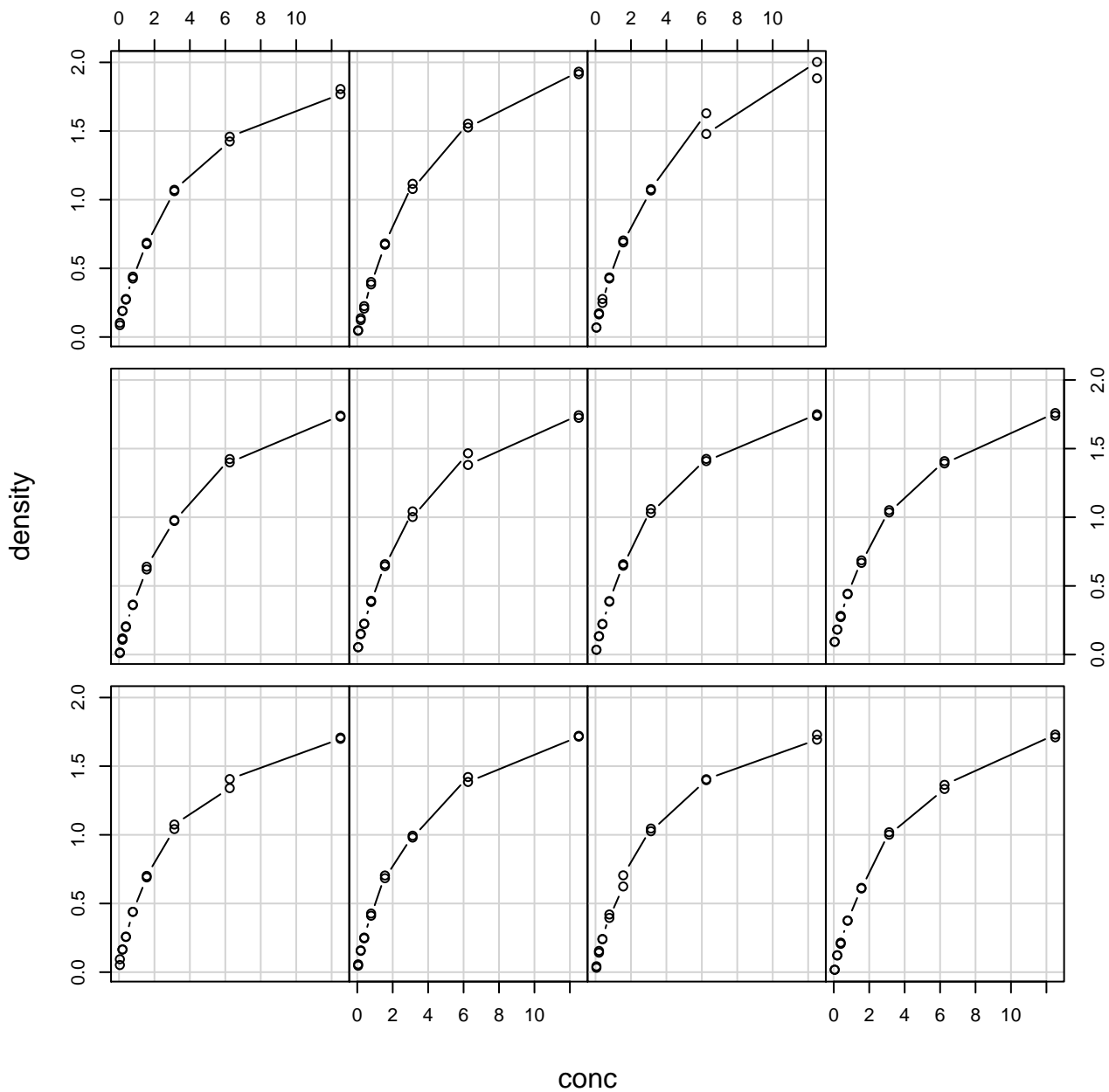
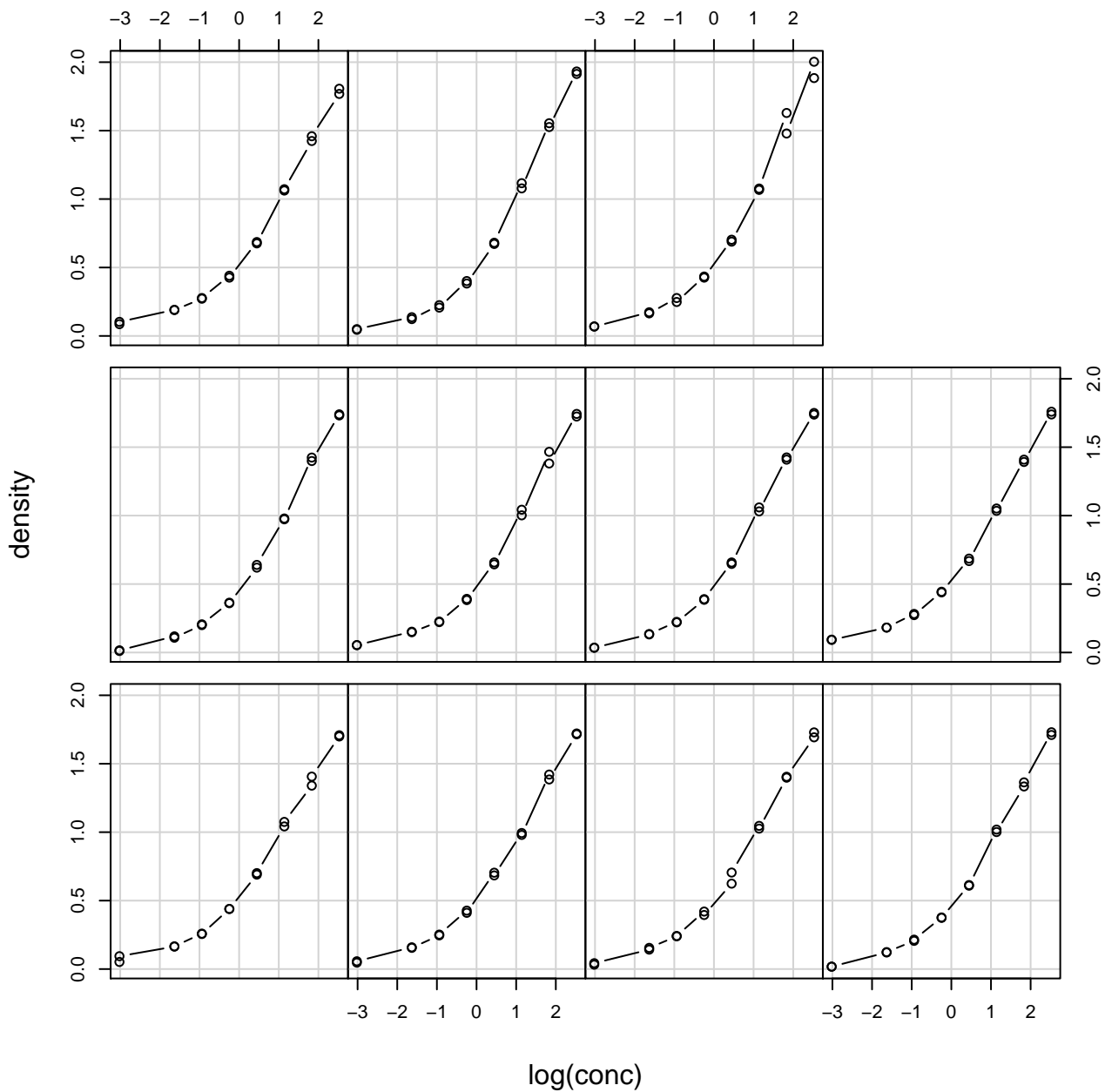


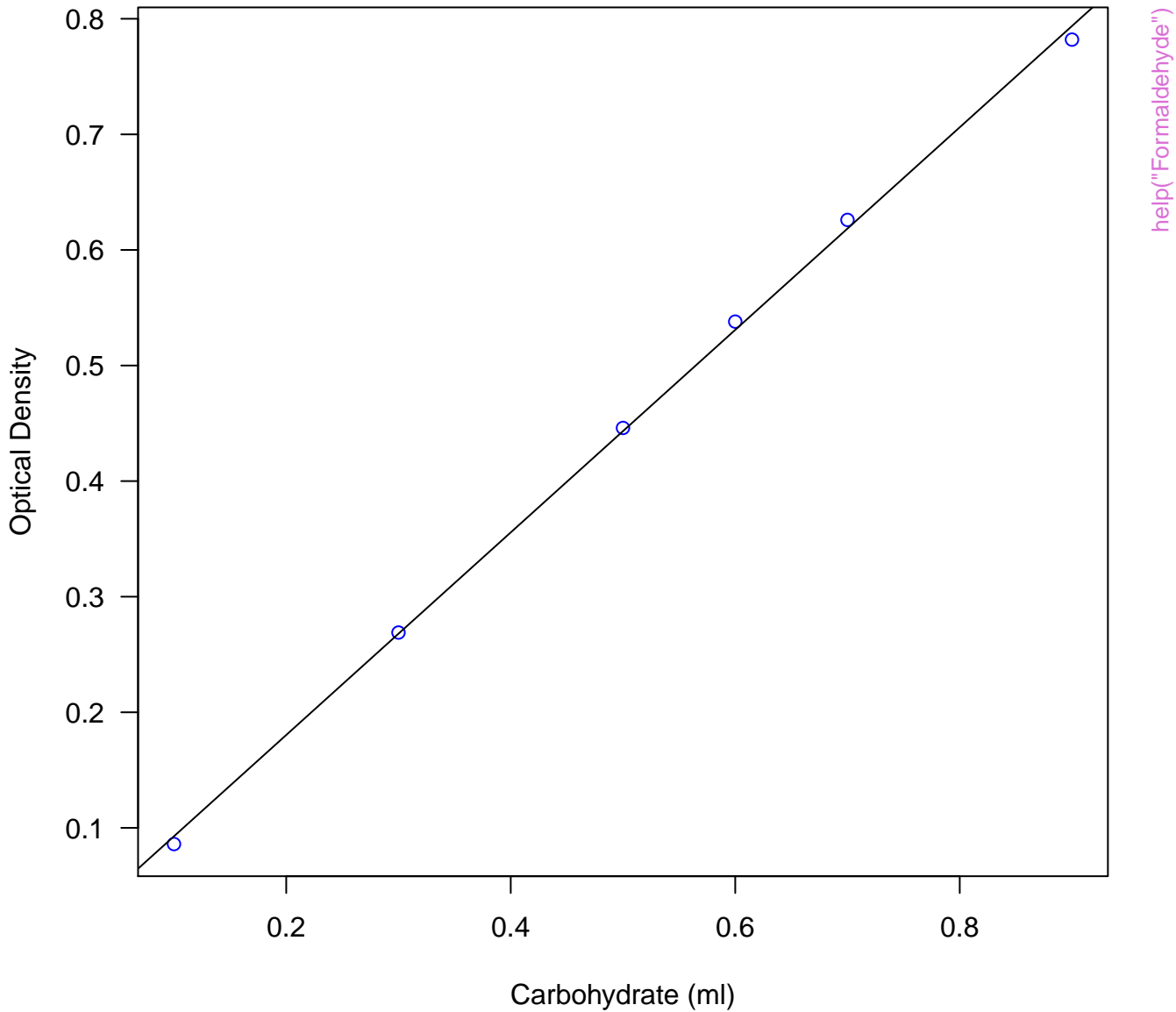
Given : Run



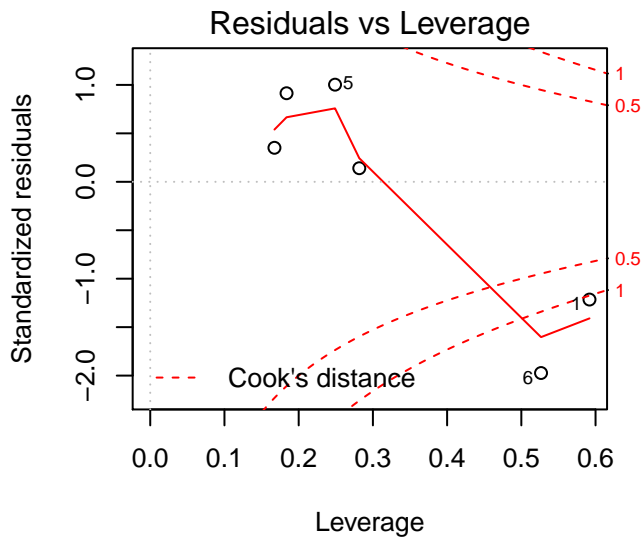
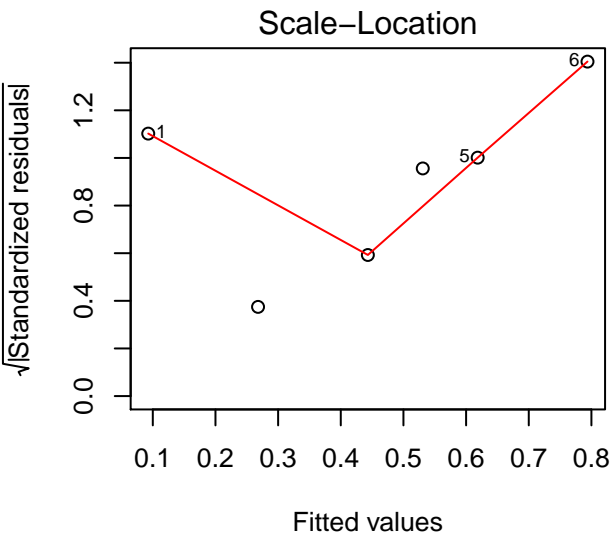
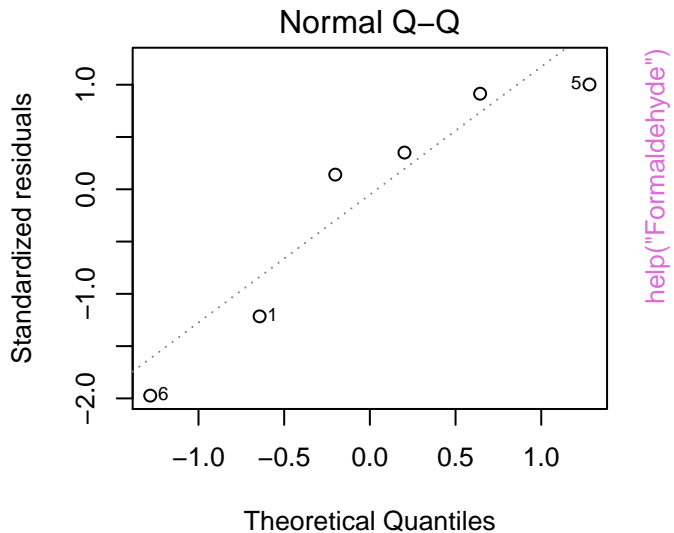
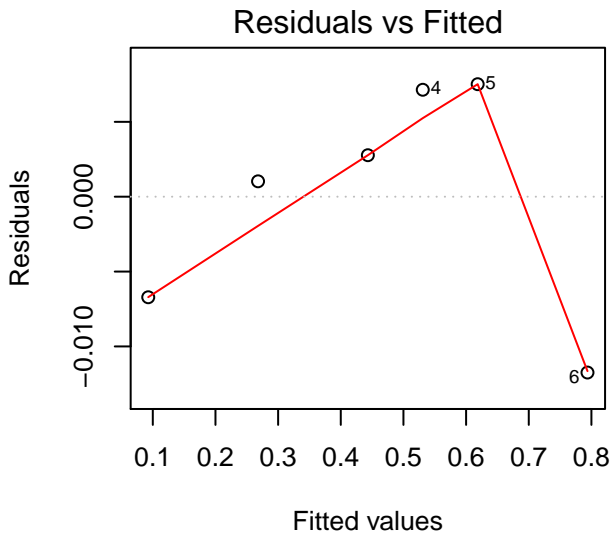
Given : Run



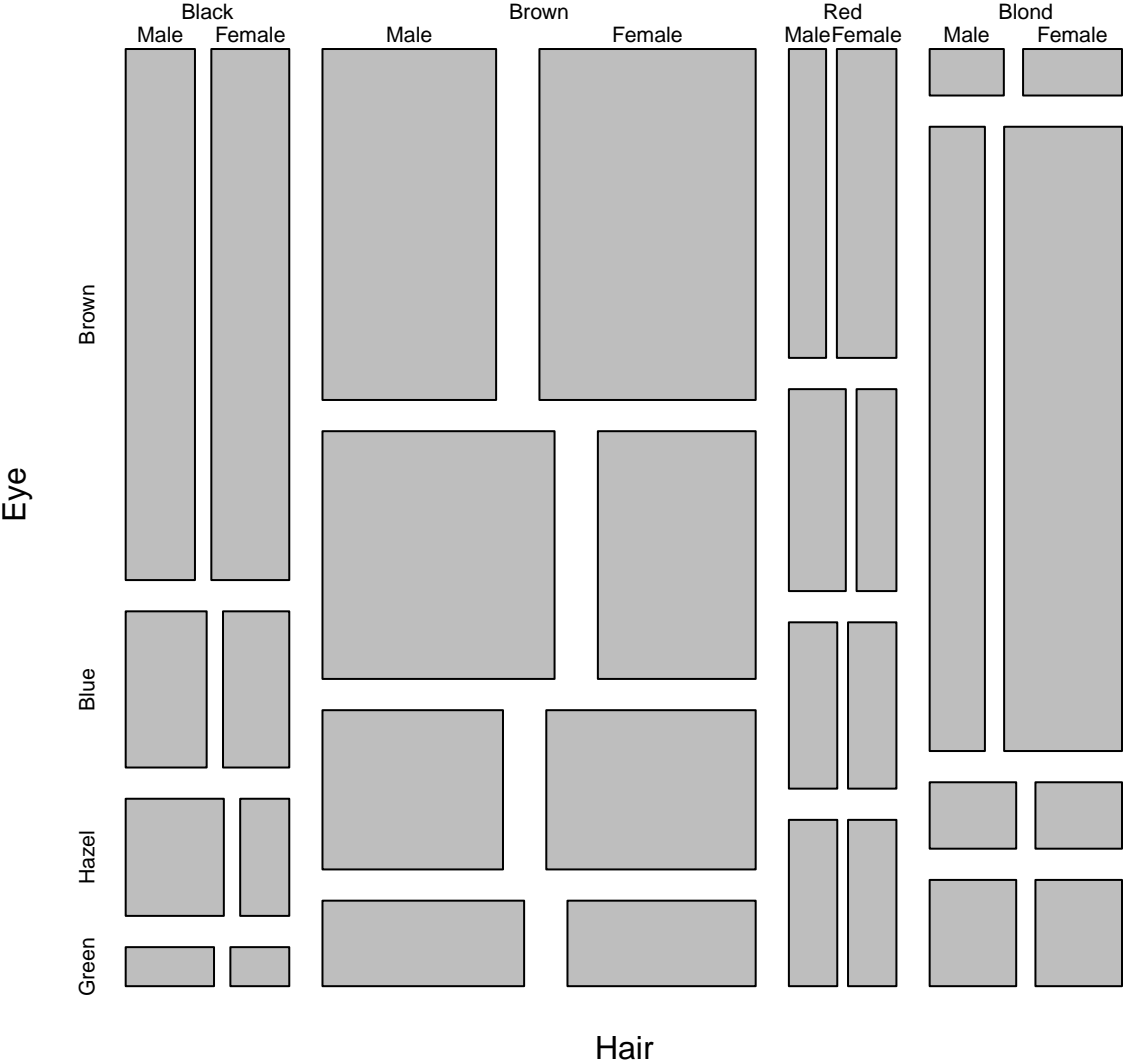
Formaldehyde data



$$\text{lm}(\text{optden} \sim \text{carb})$$

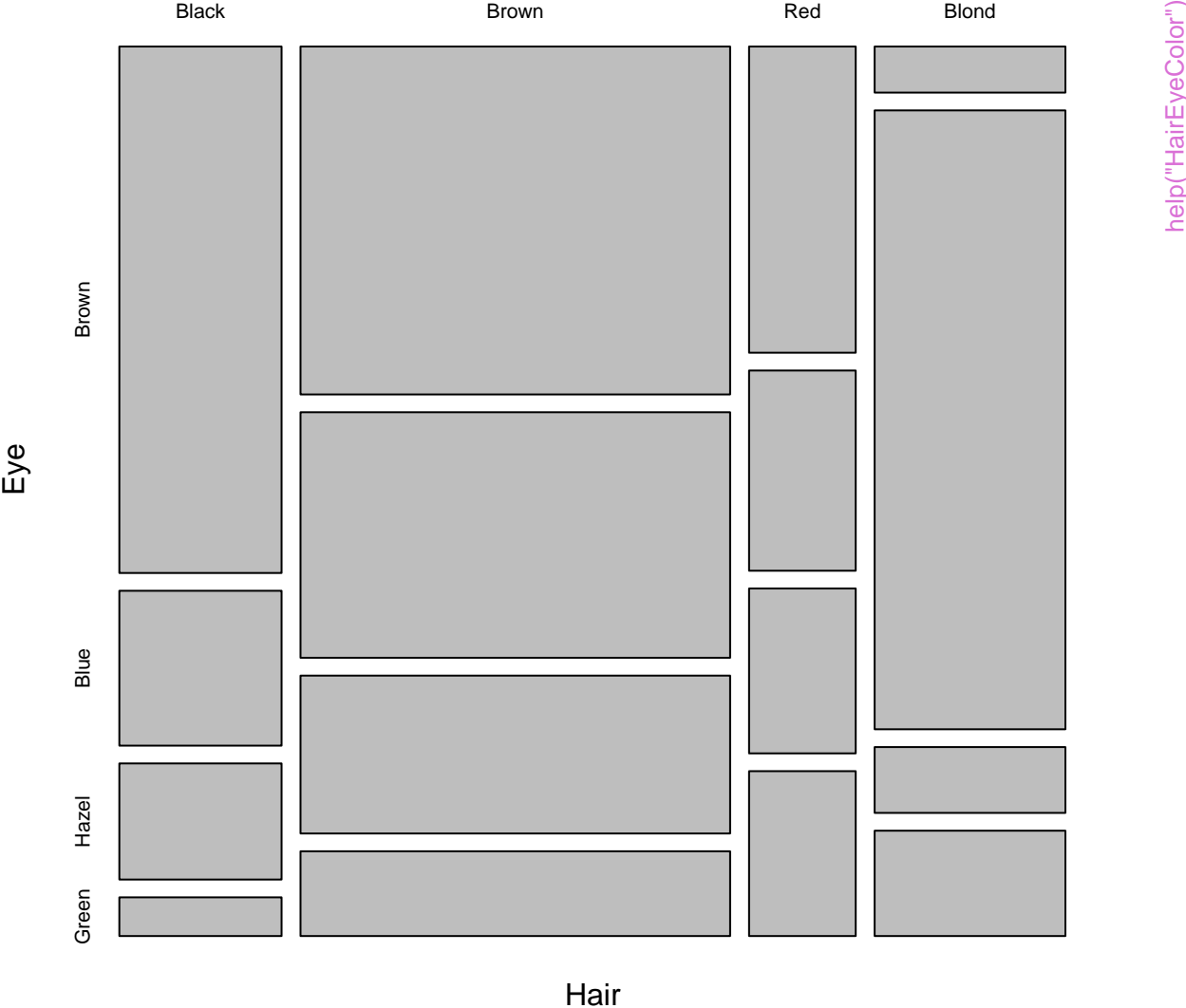


HairEyeColor

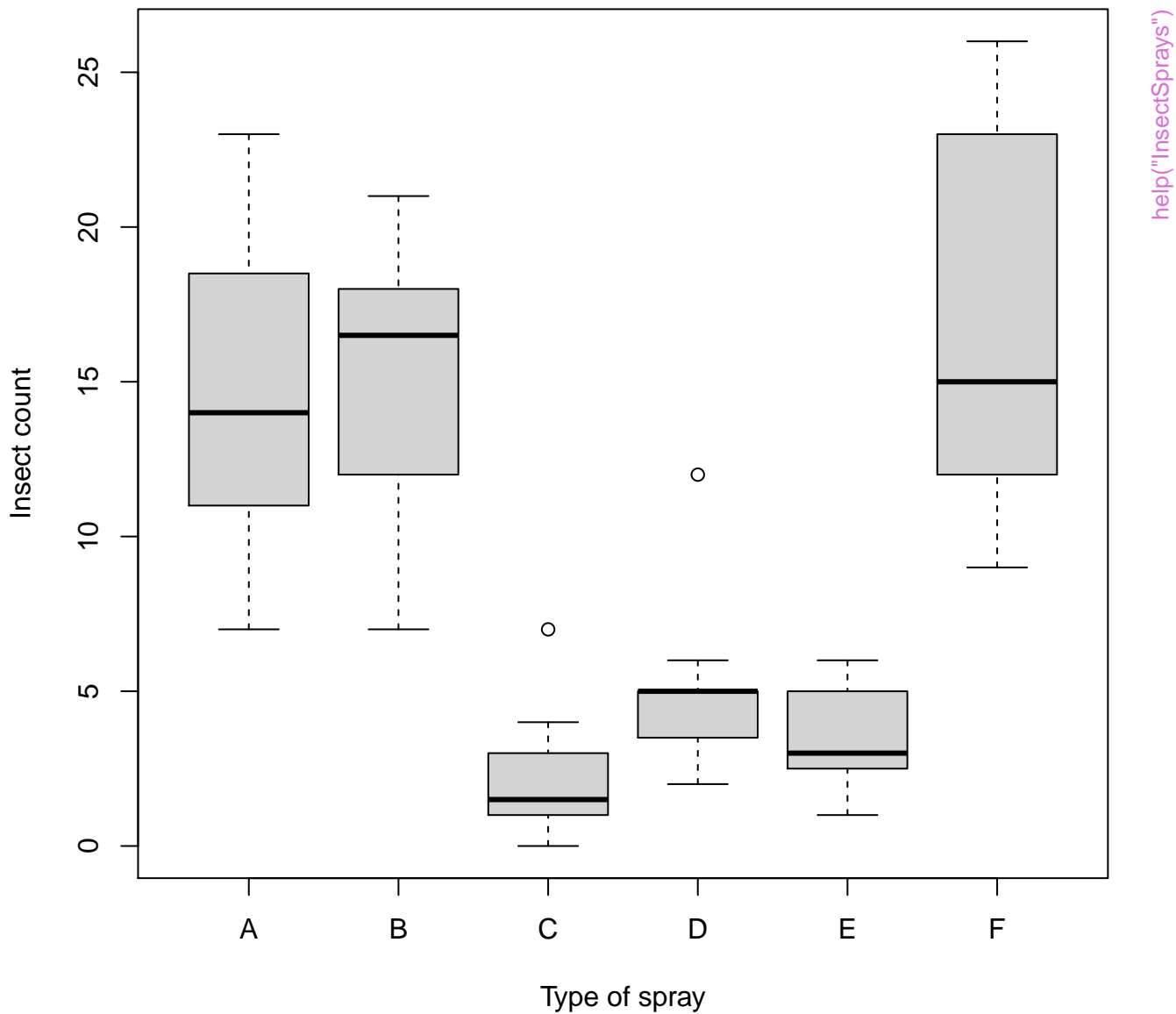


help("HairEyeColor")

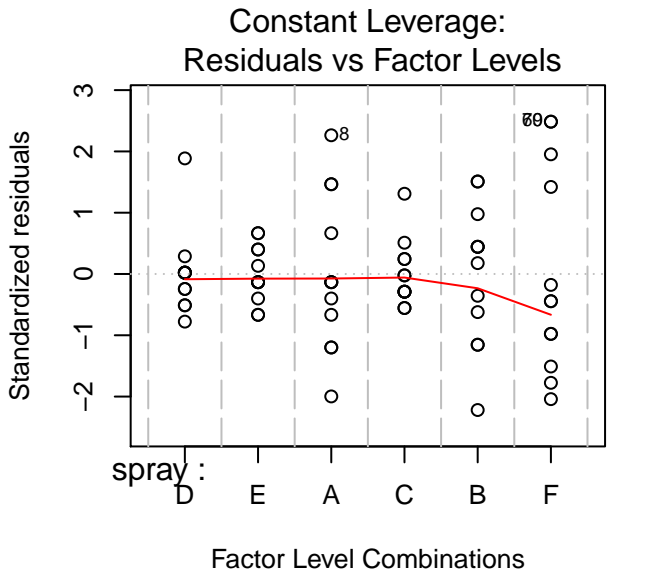
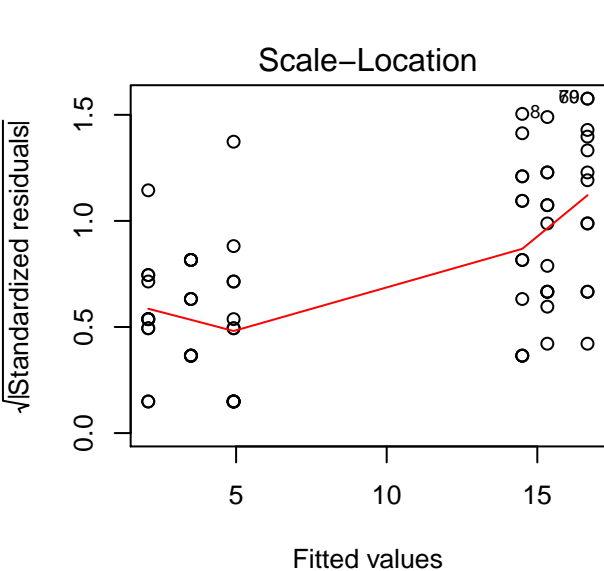
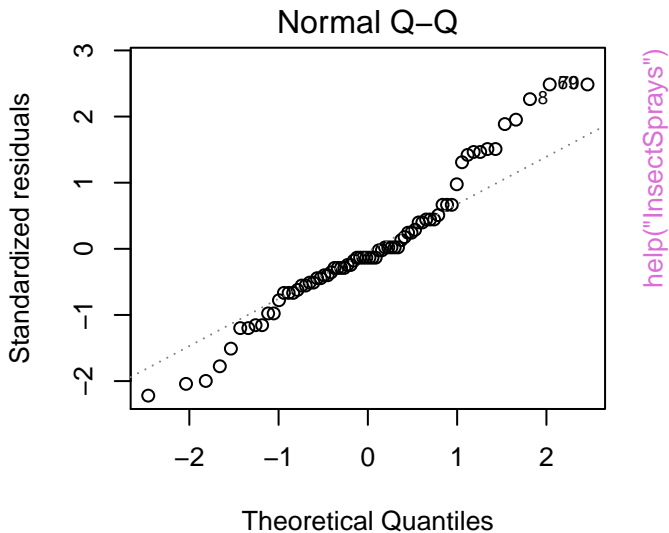
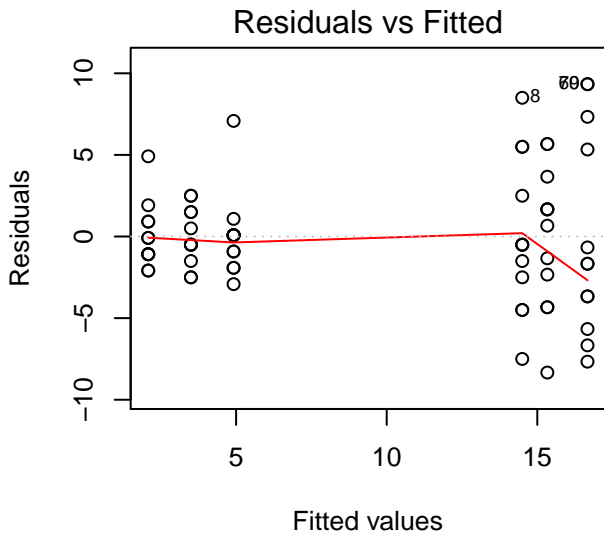
Relation between hair and eye color



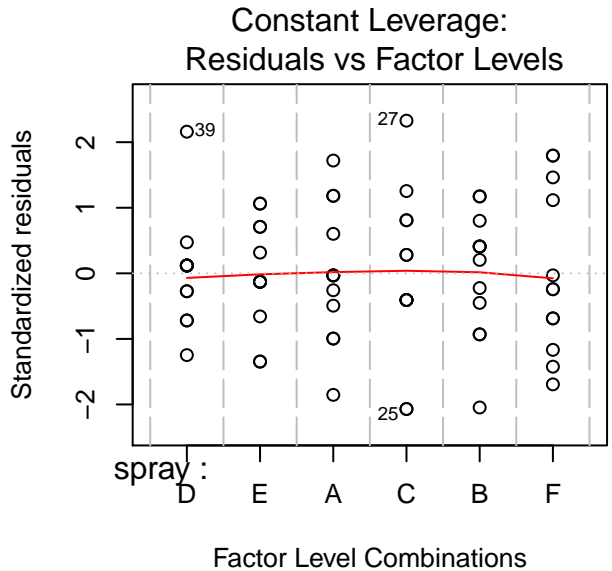
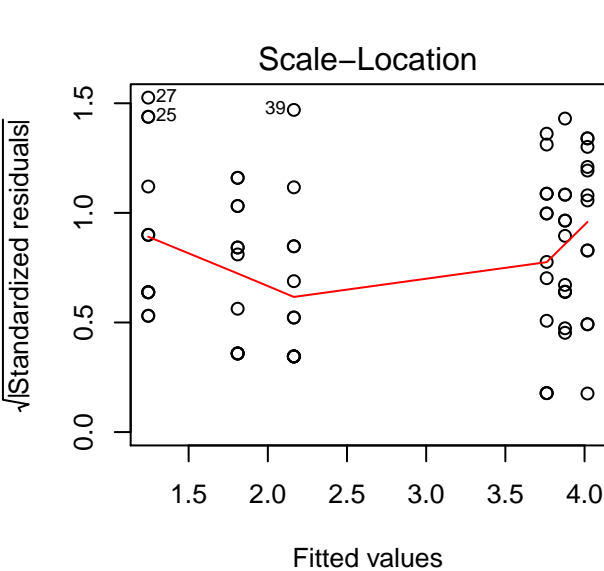
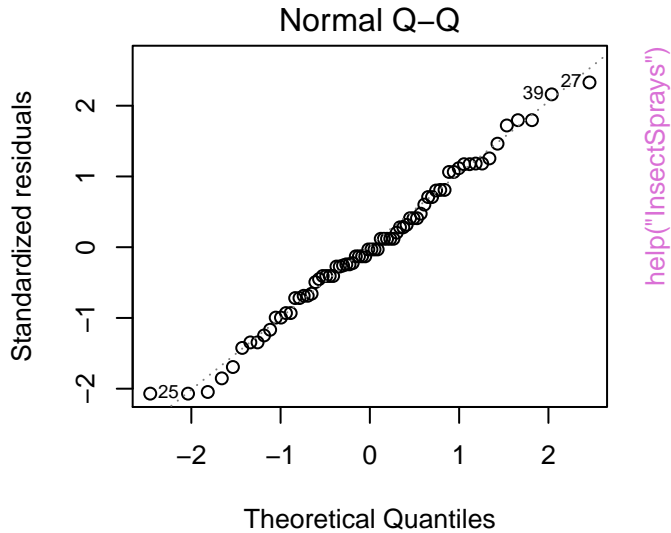
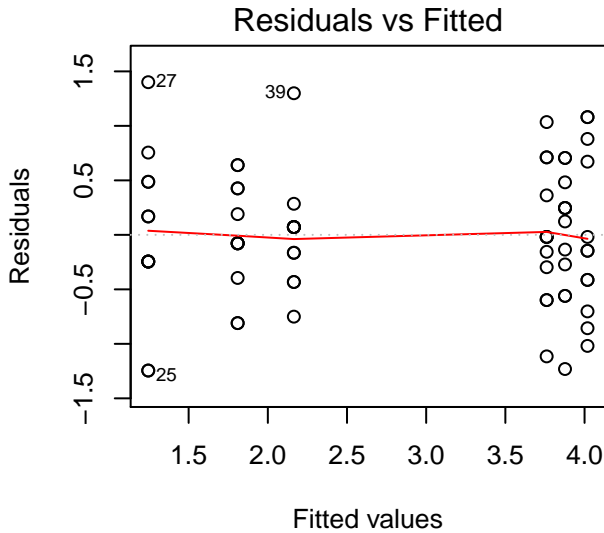
InsectSprays data



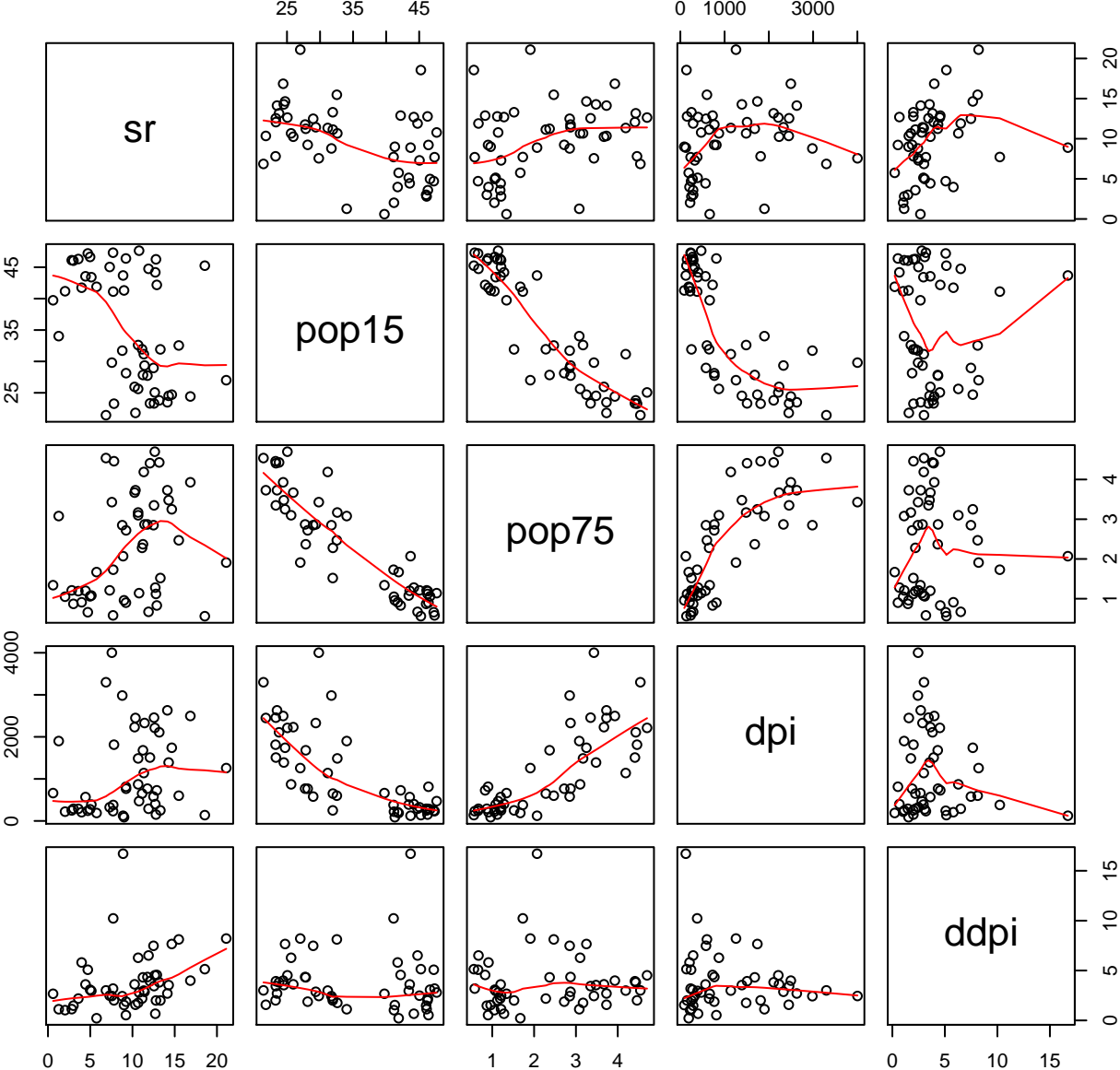
aov(count ~ spray)



aov(sqrt(count) ~ spray)

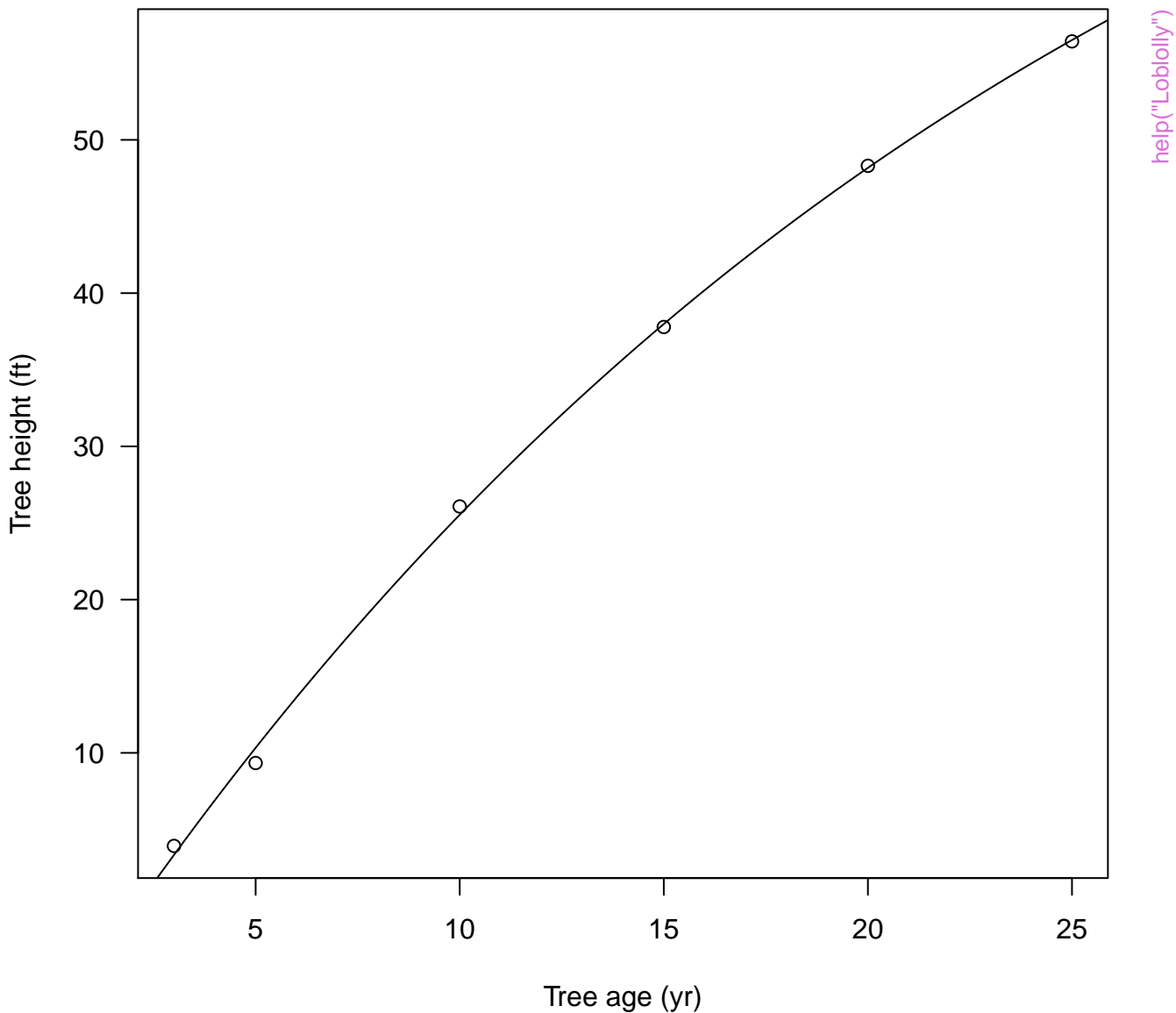


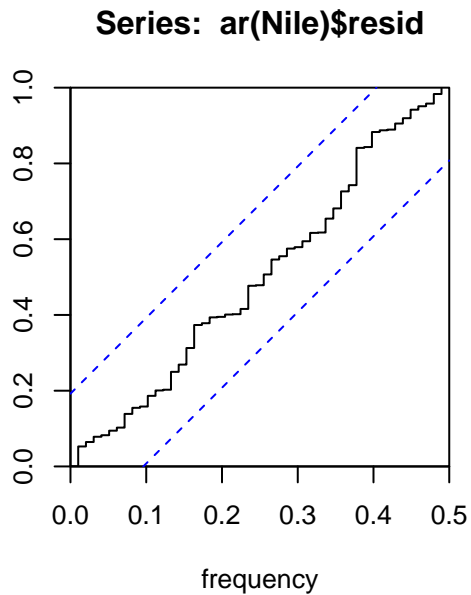
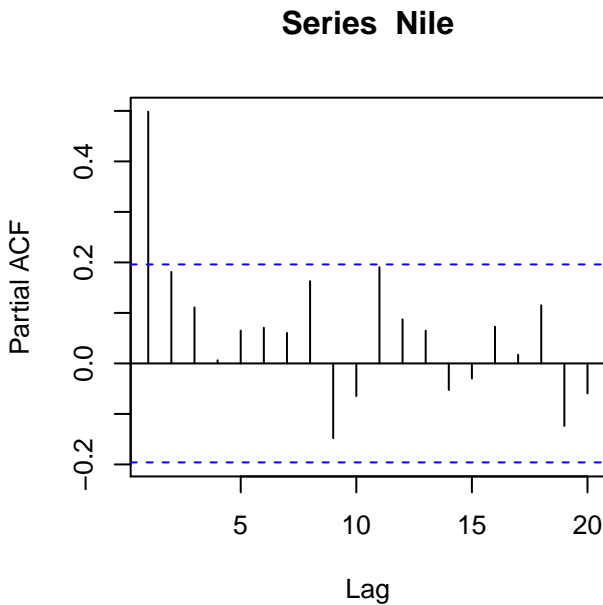
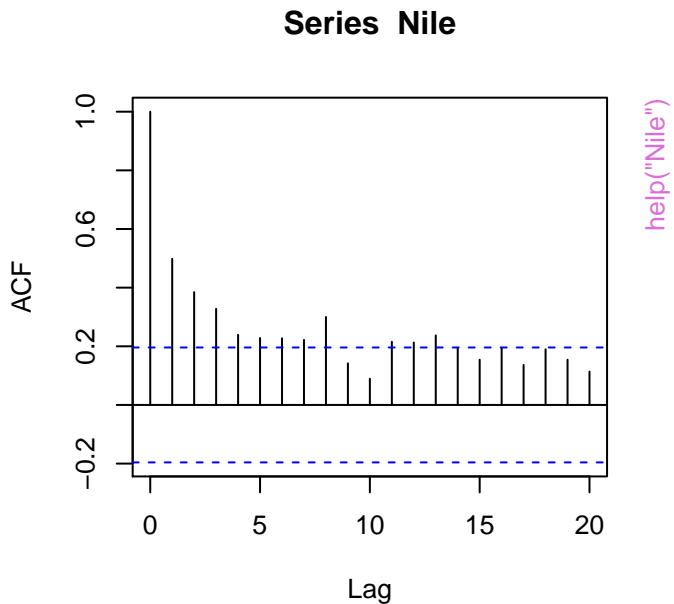
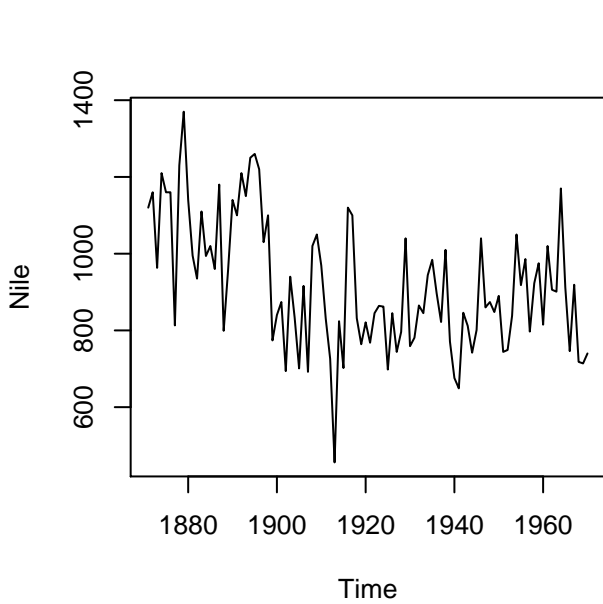
LifeCycleSavings data

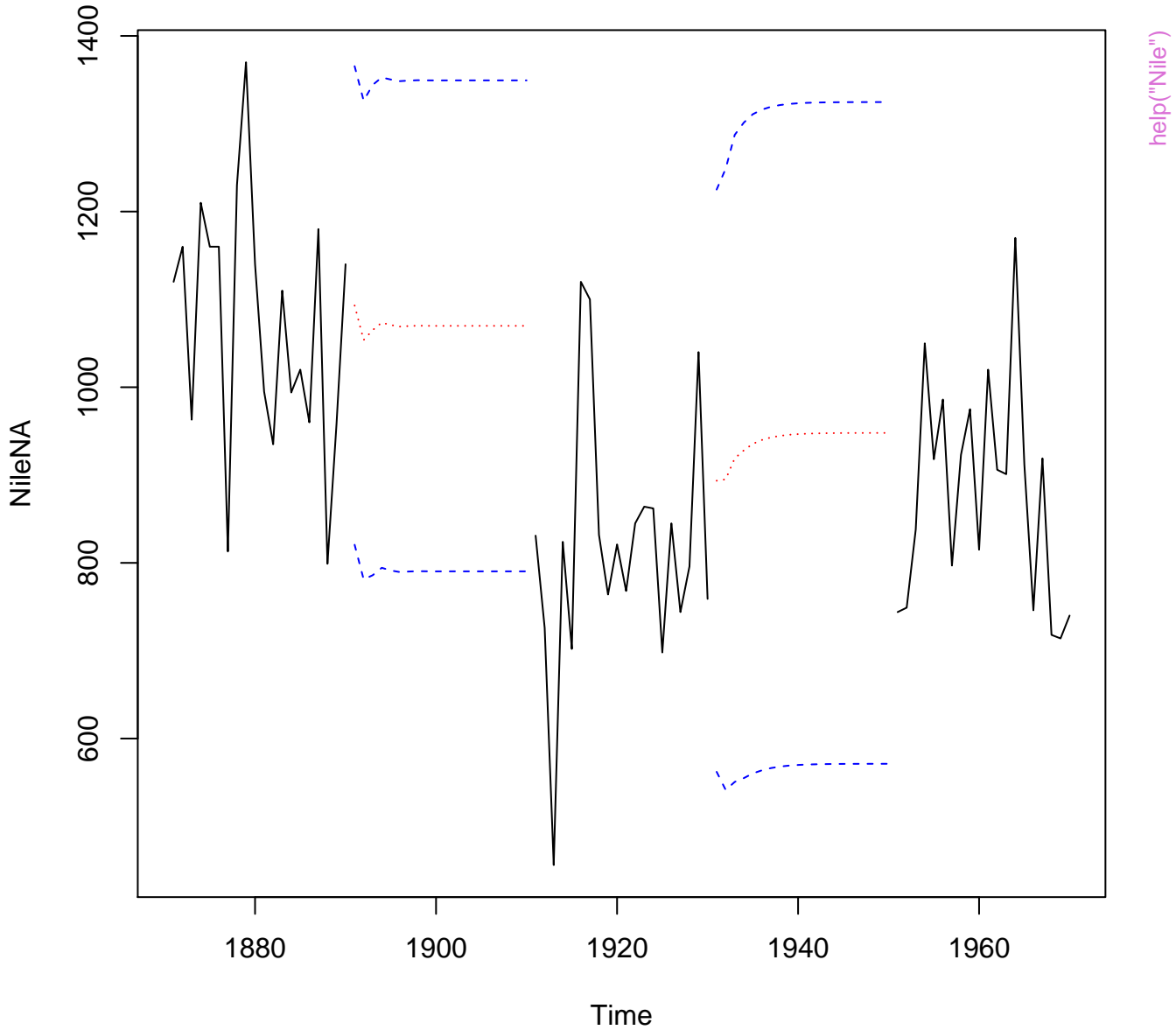


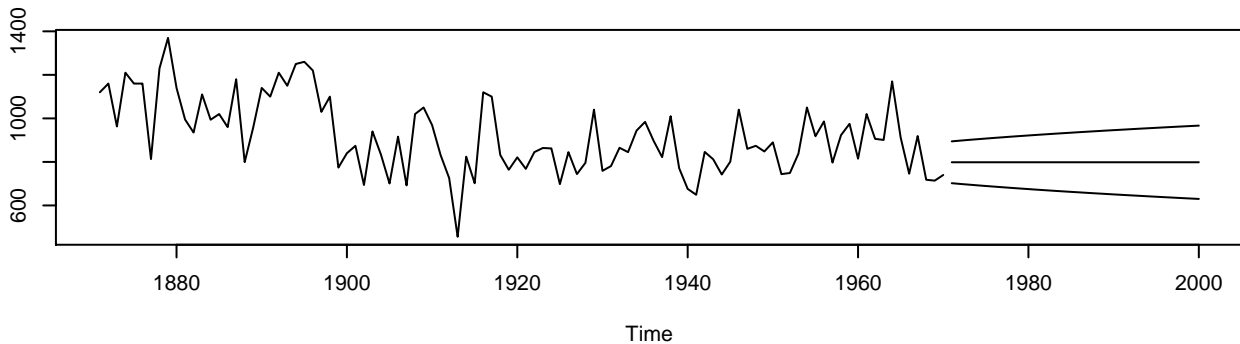
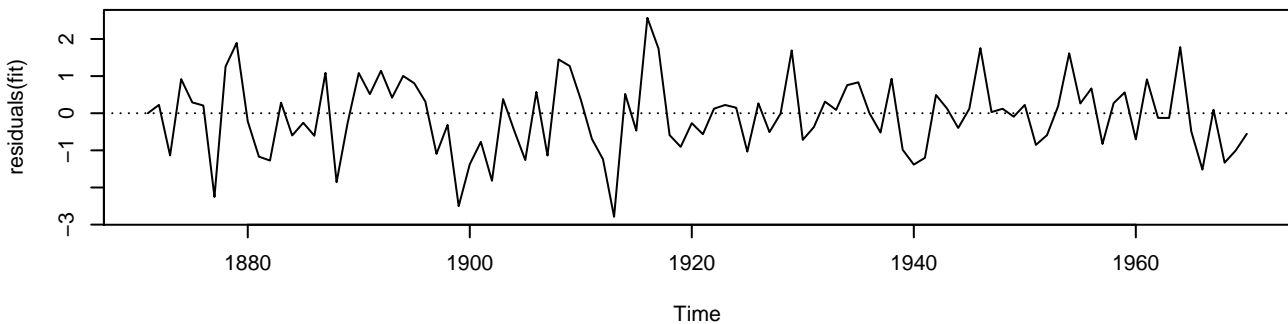
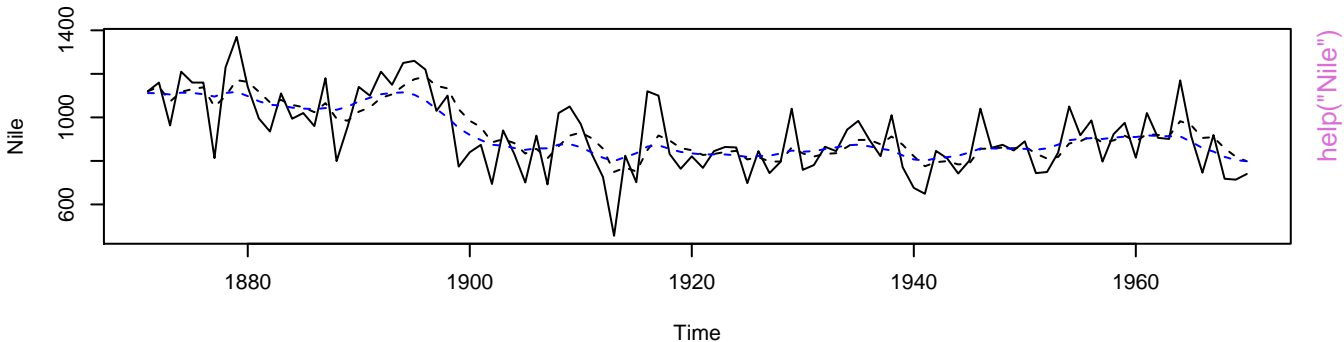
help("LifeCycleSavings")

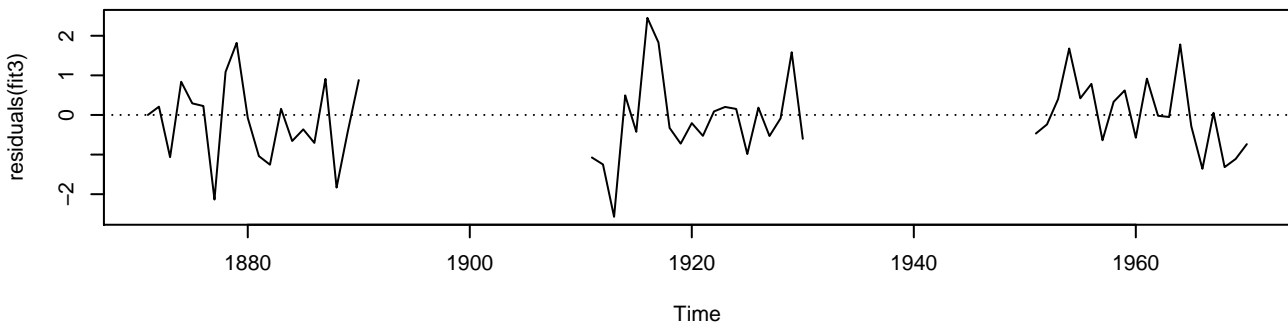
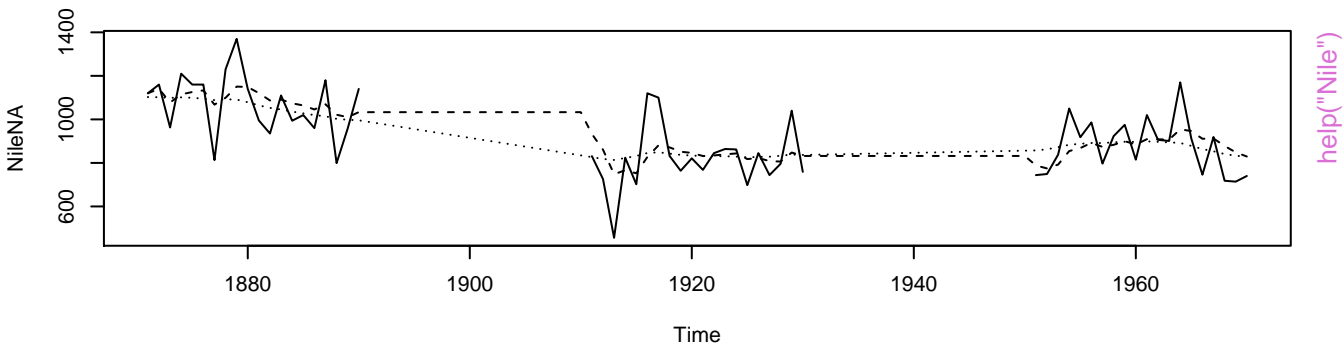
Loblolly data and fitted curve (Seed 329 only)



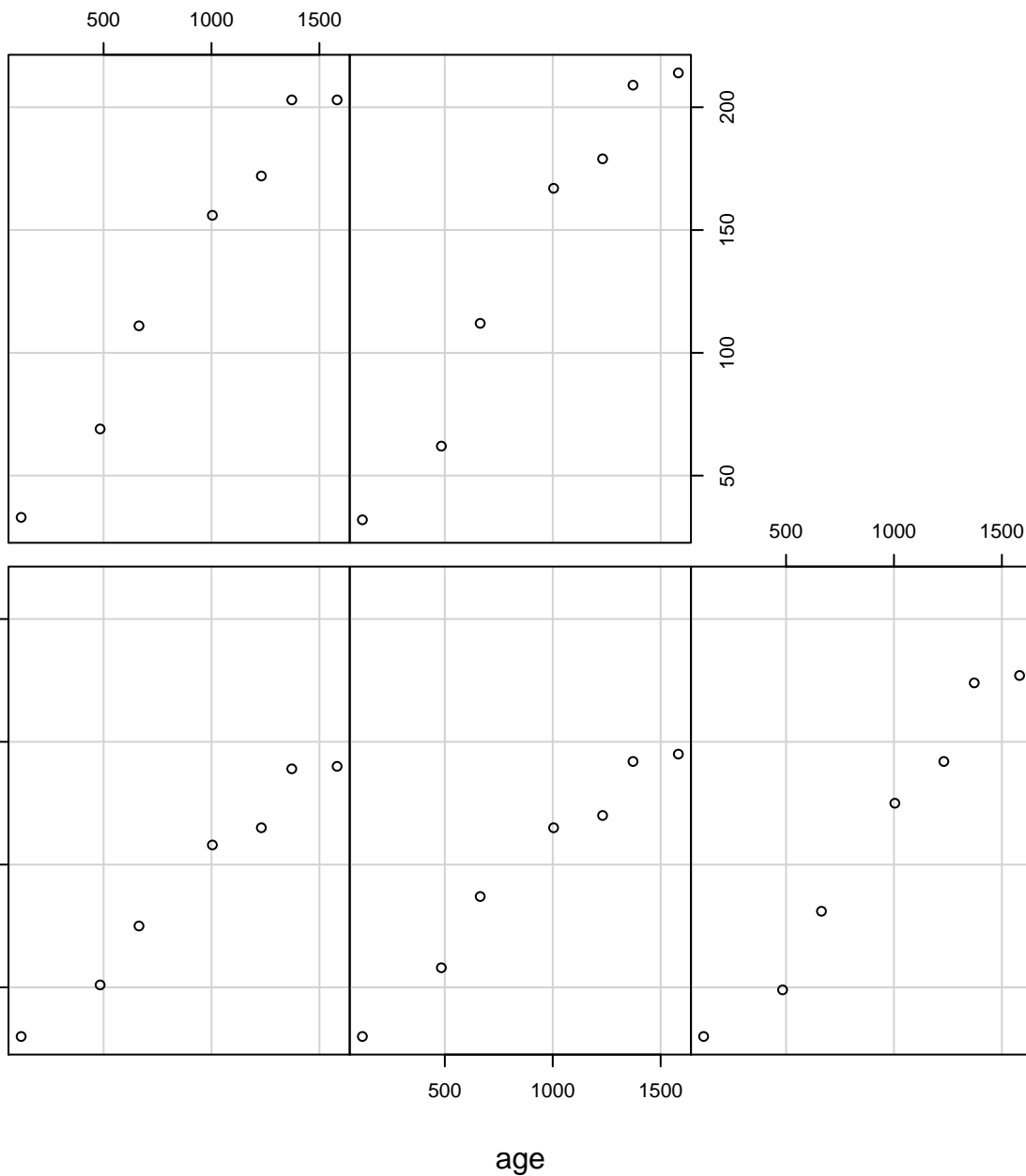




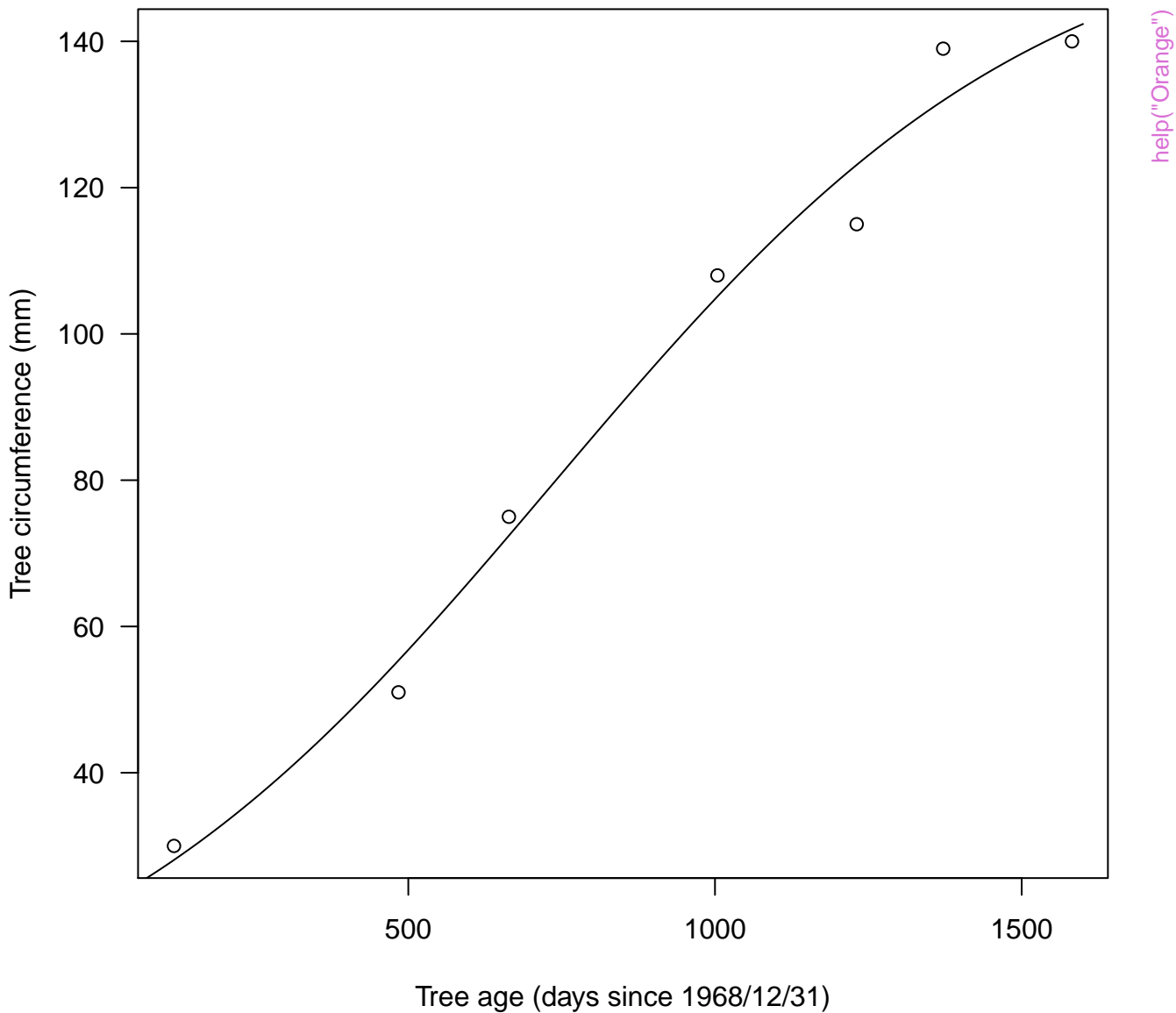




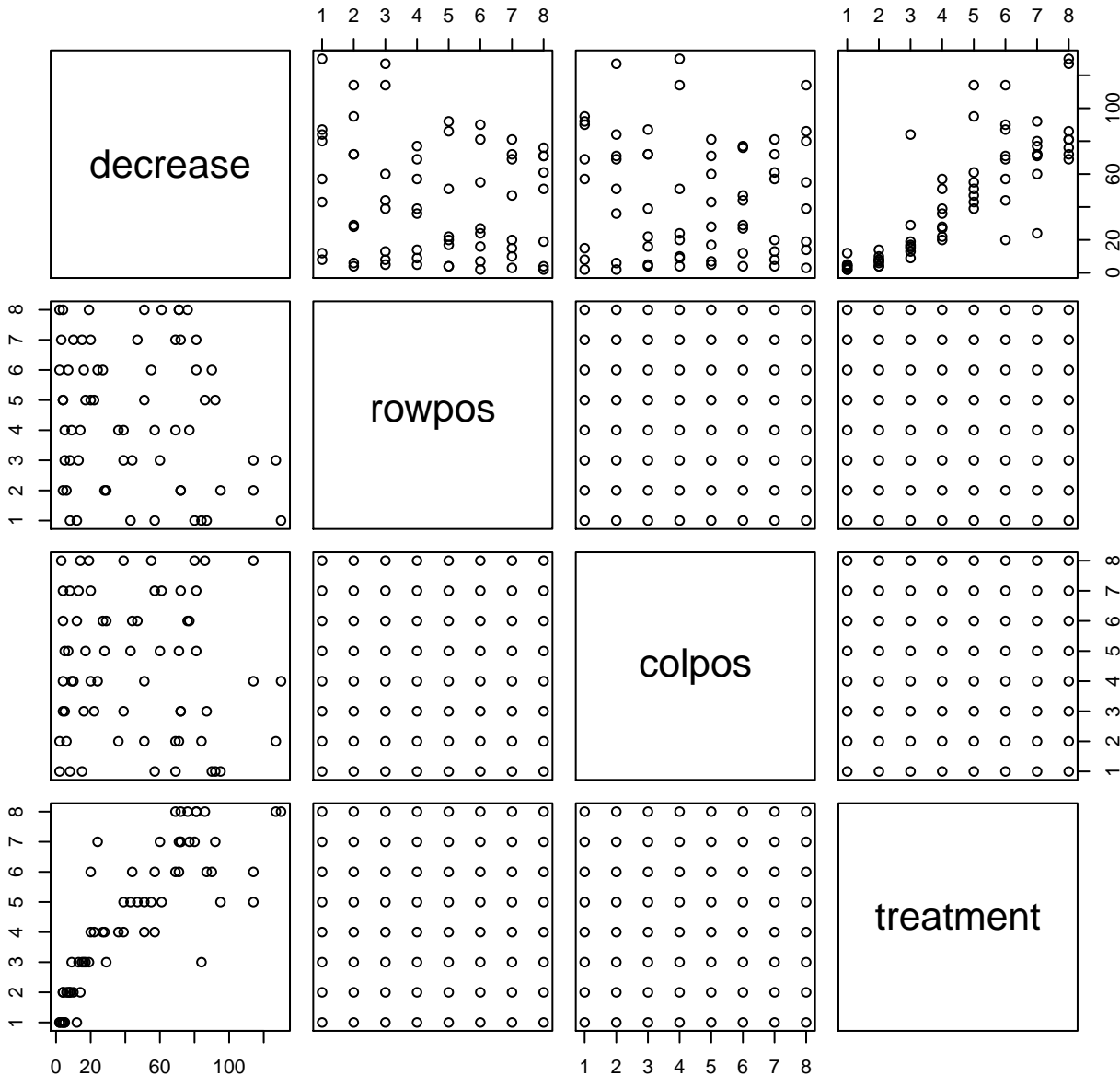
Given : Tree



Orange tree data and fitted model (Tree 3 only)

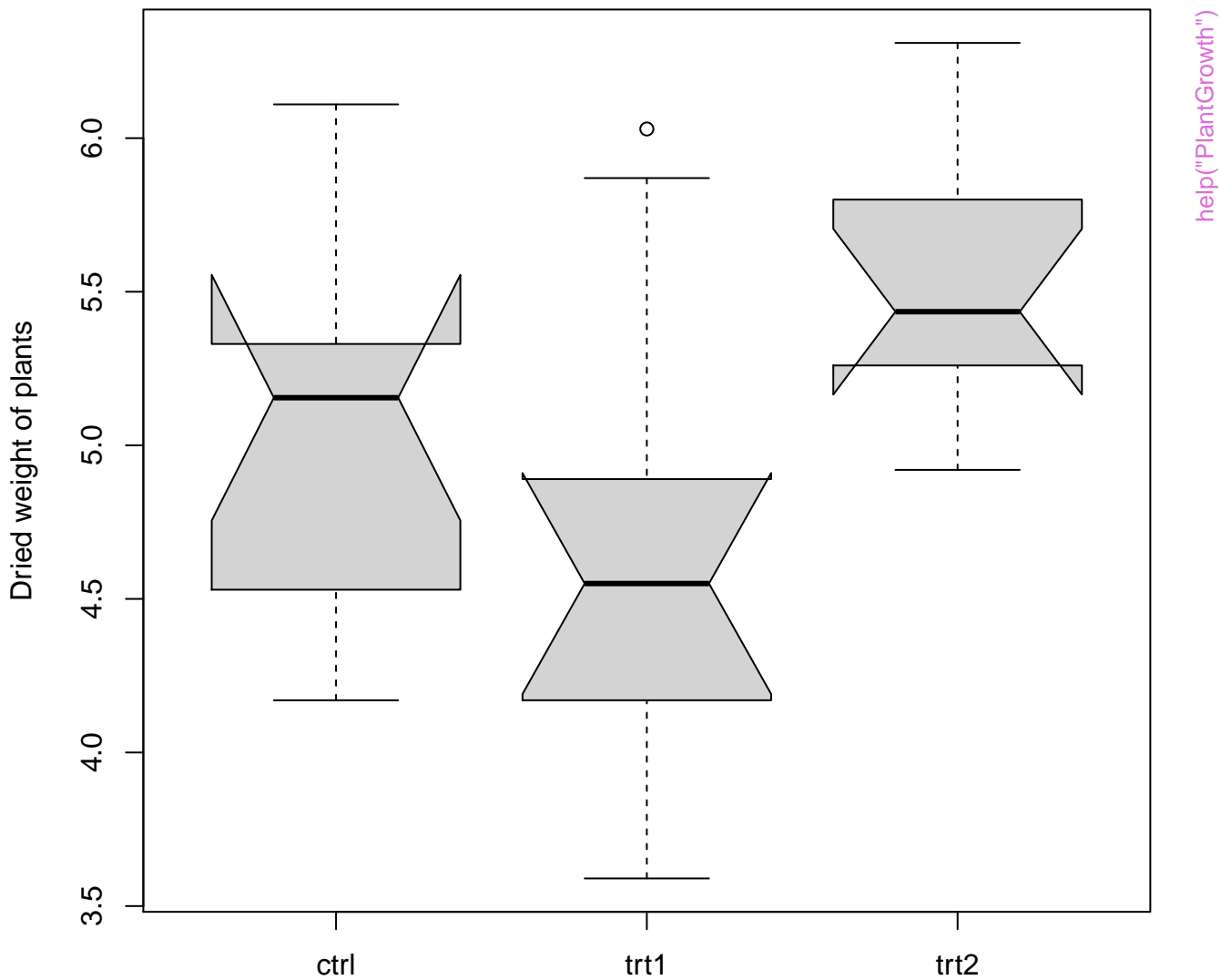


OrchardSprays data

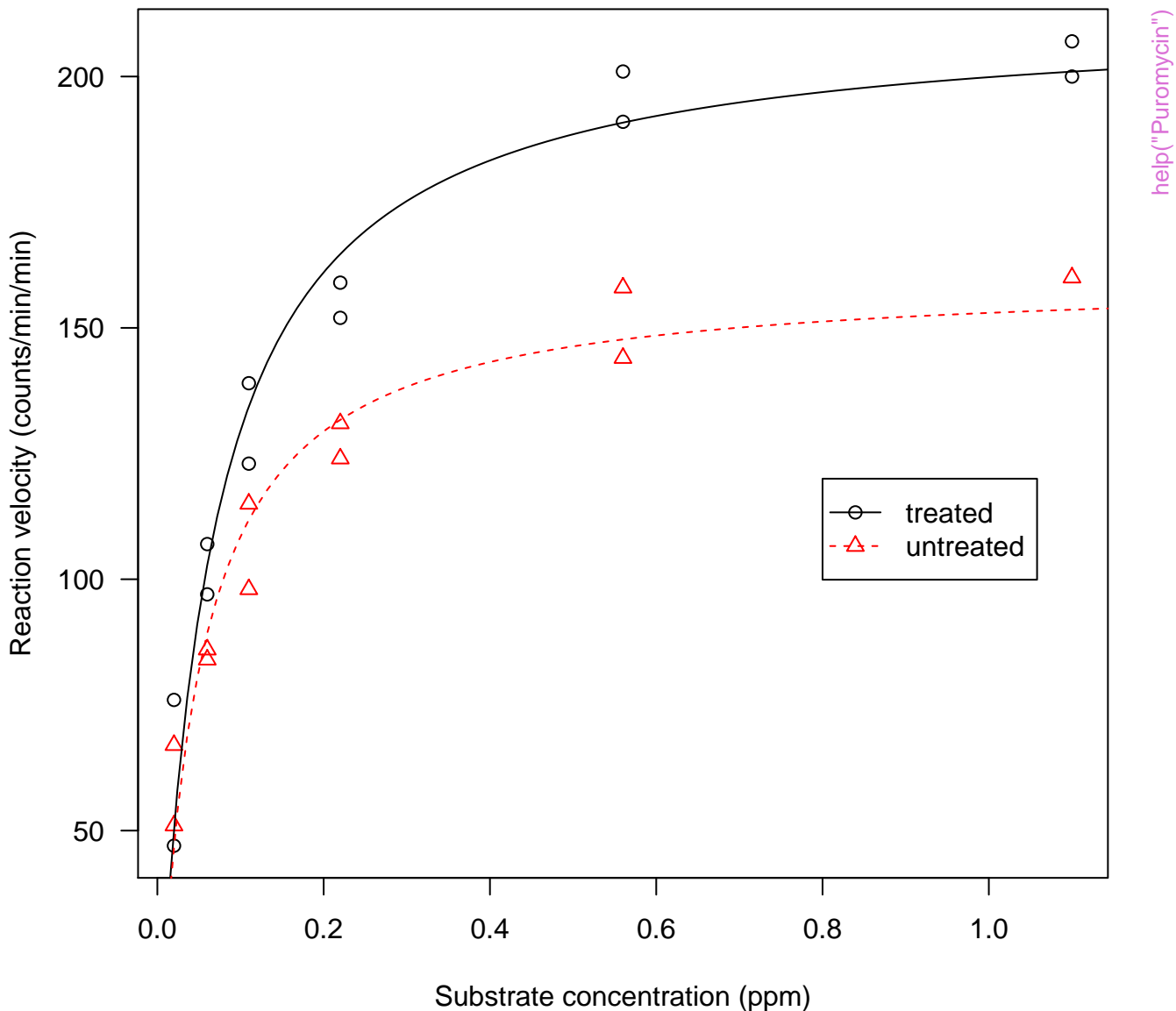


help("OrchardSprays")

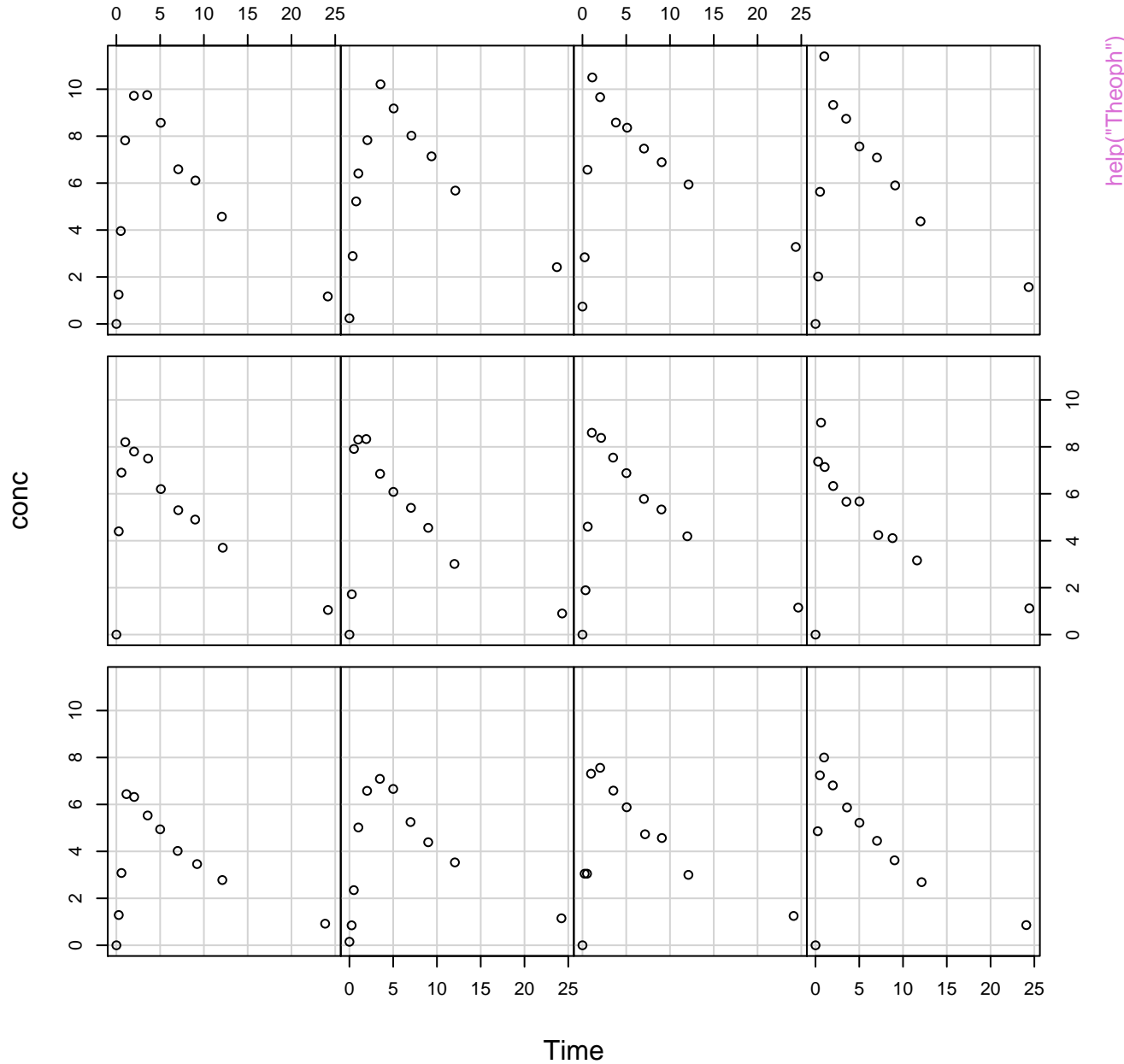
PlantGrowth data



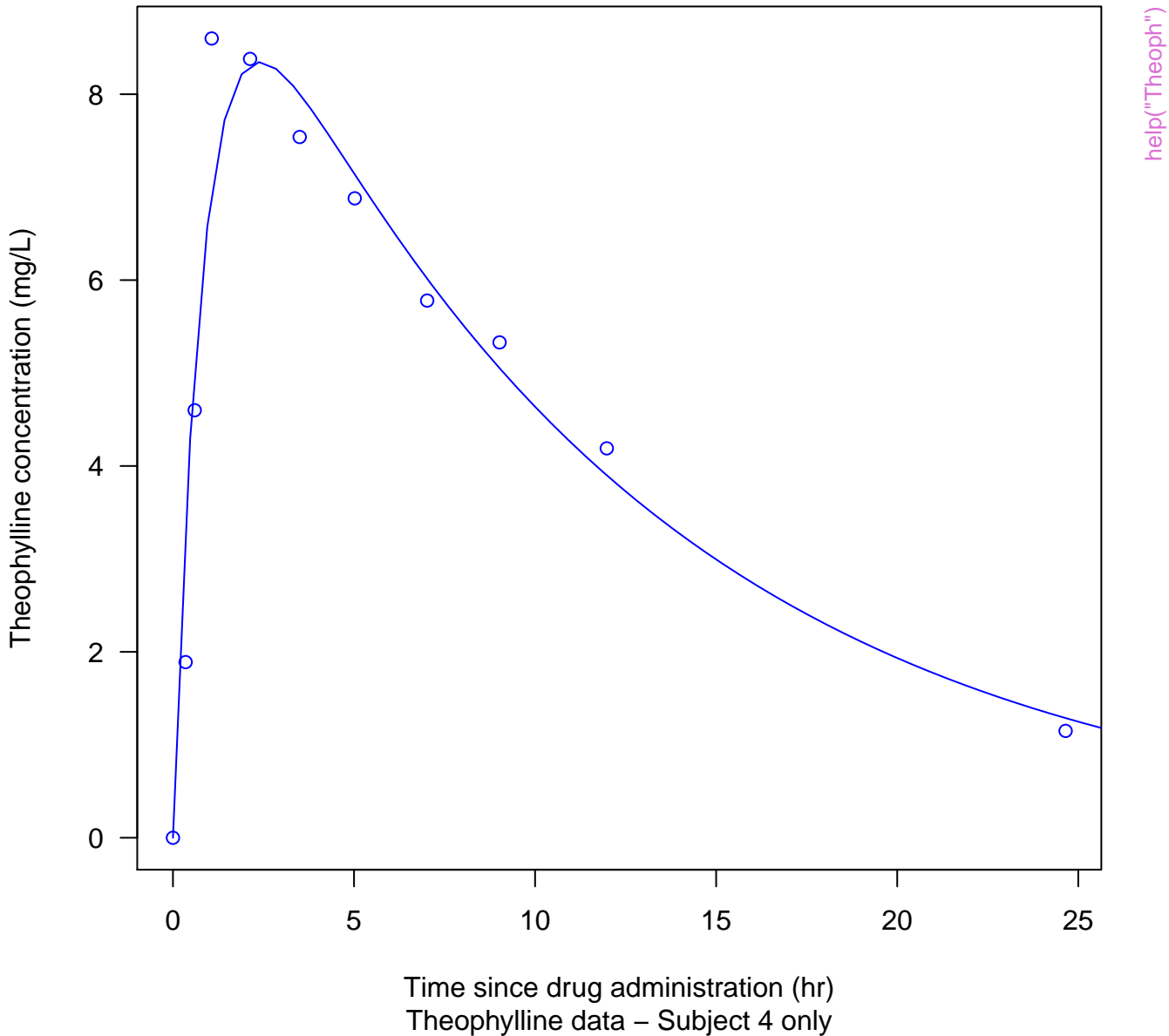
Puromycin data and fitted Michaelis–Menten curves



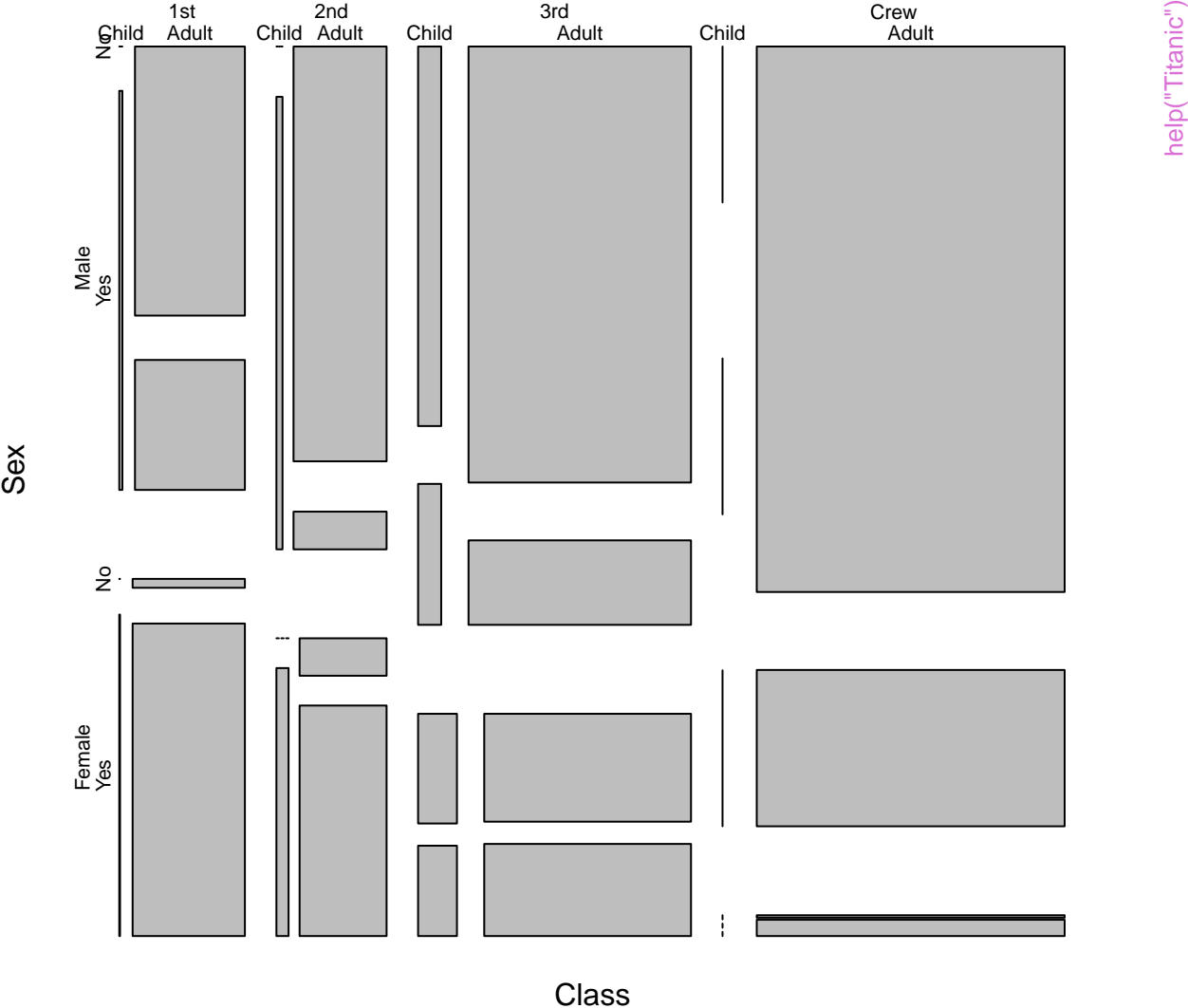
Given : Subject



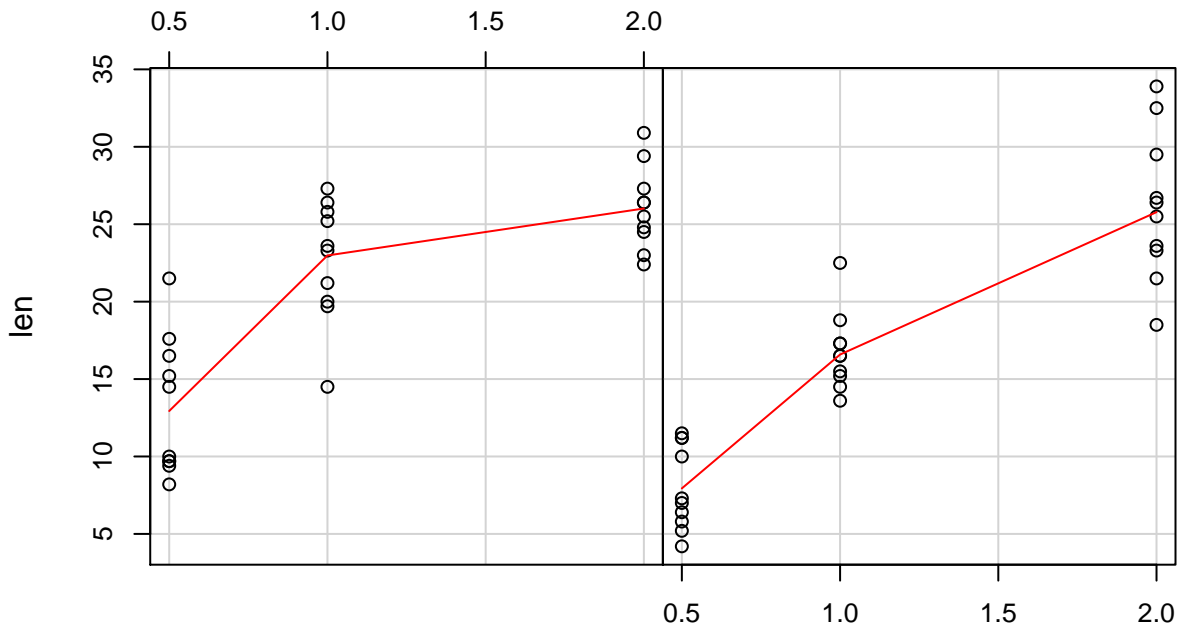
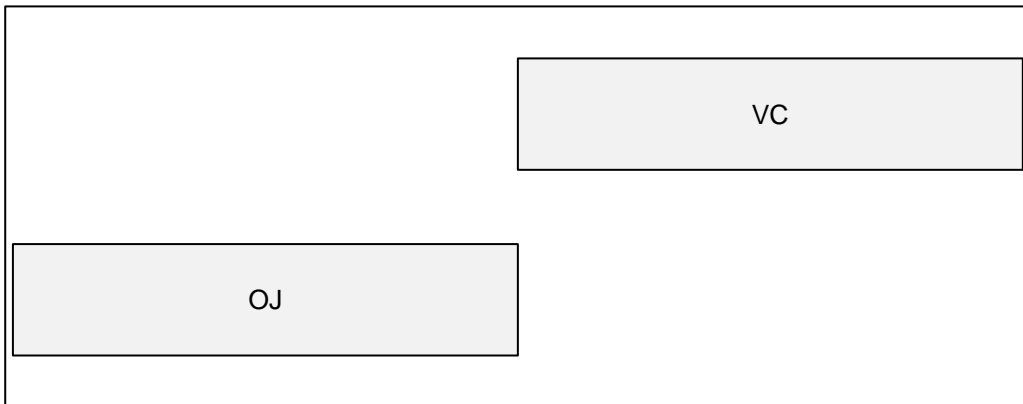
Observed concentrations and fitted model



Survival on the Titanic



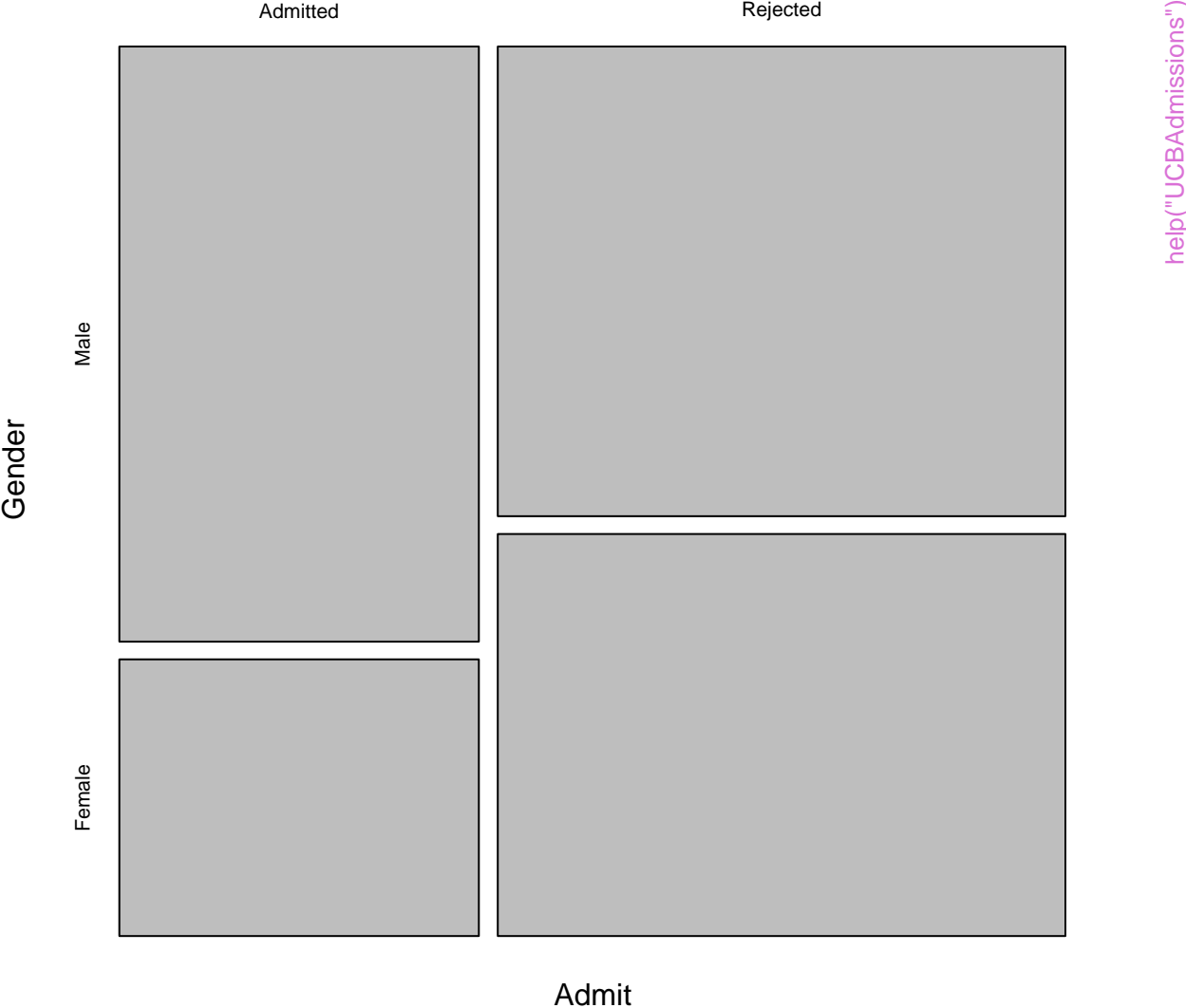
Given : supp



ToothGrowth data: length vs dose, given type of supplement

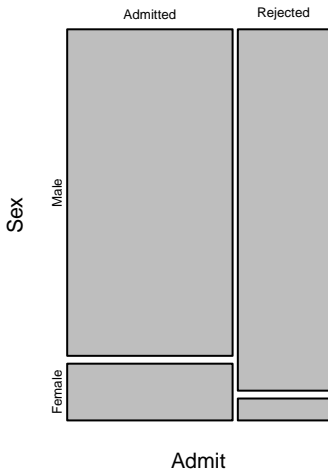
help("ToothGrowth")

Student admissions at UC Berkeley

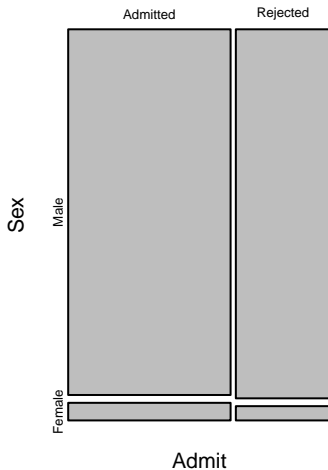


Student admissions at UC Berkeley

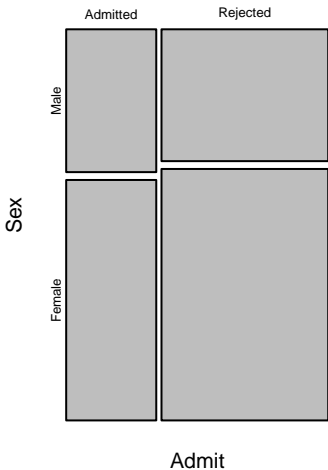
Department A



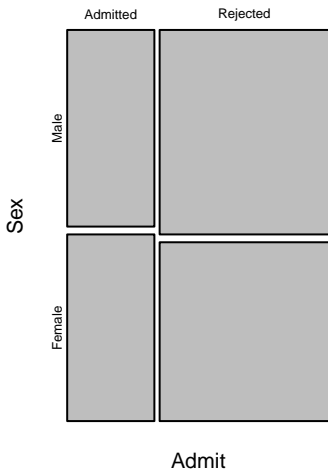
Department B



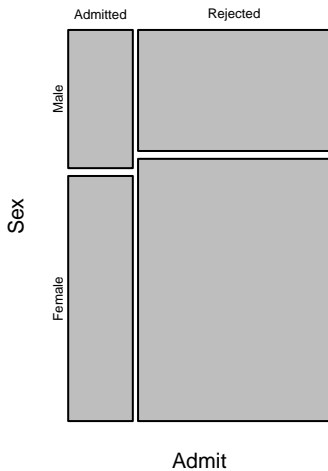
Department C



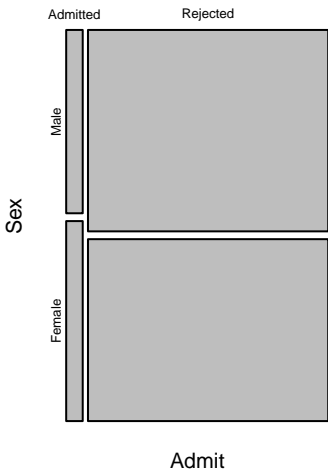
Department D



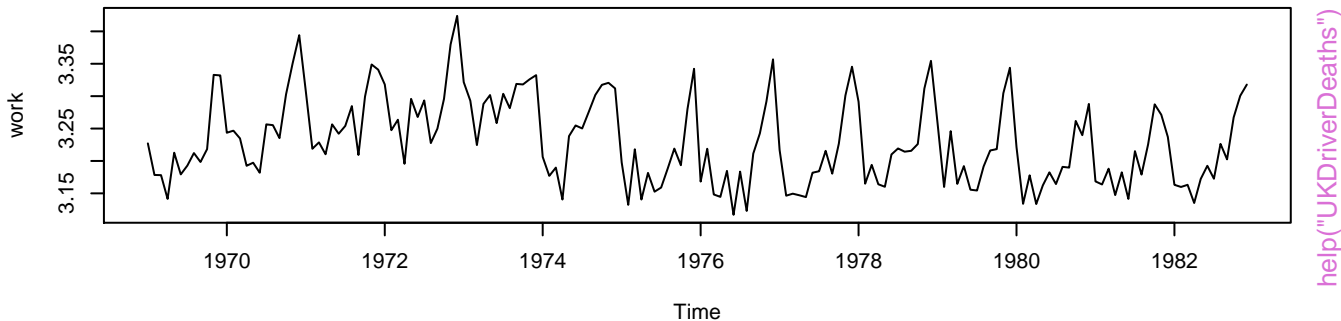
Department E



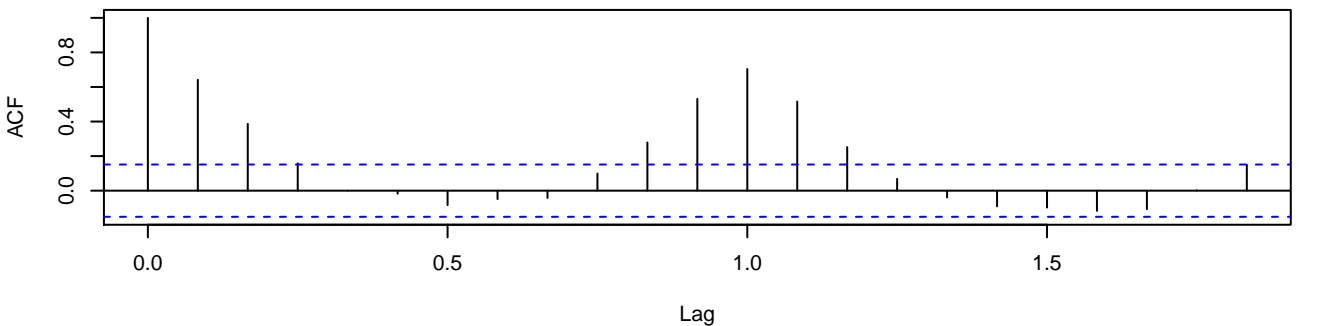
Department F



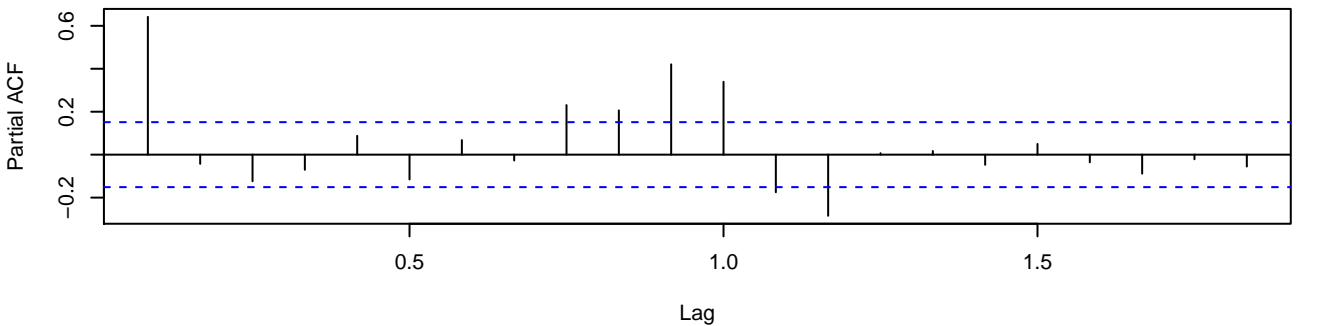
help("UCBAdmissions")

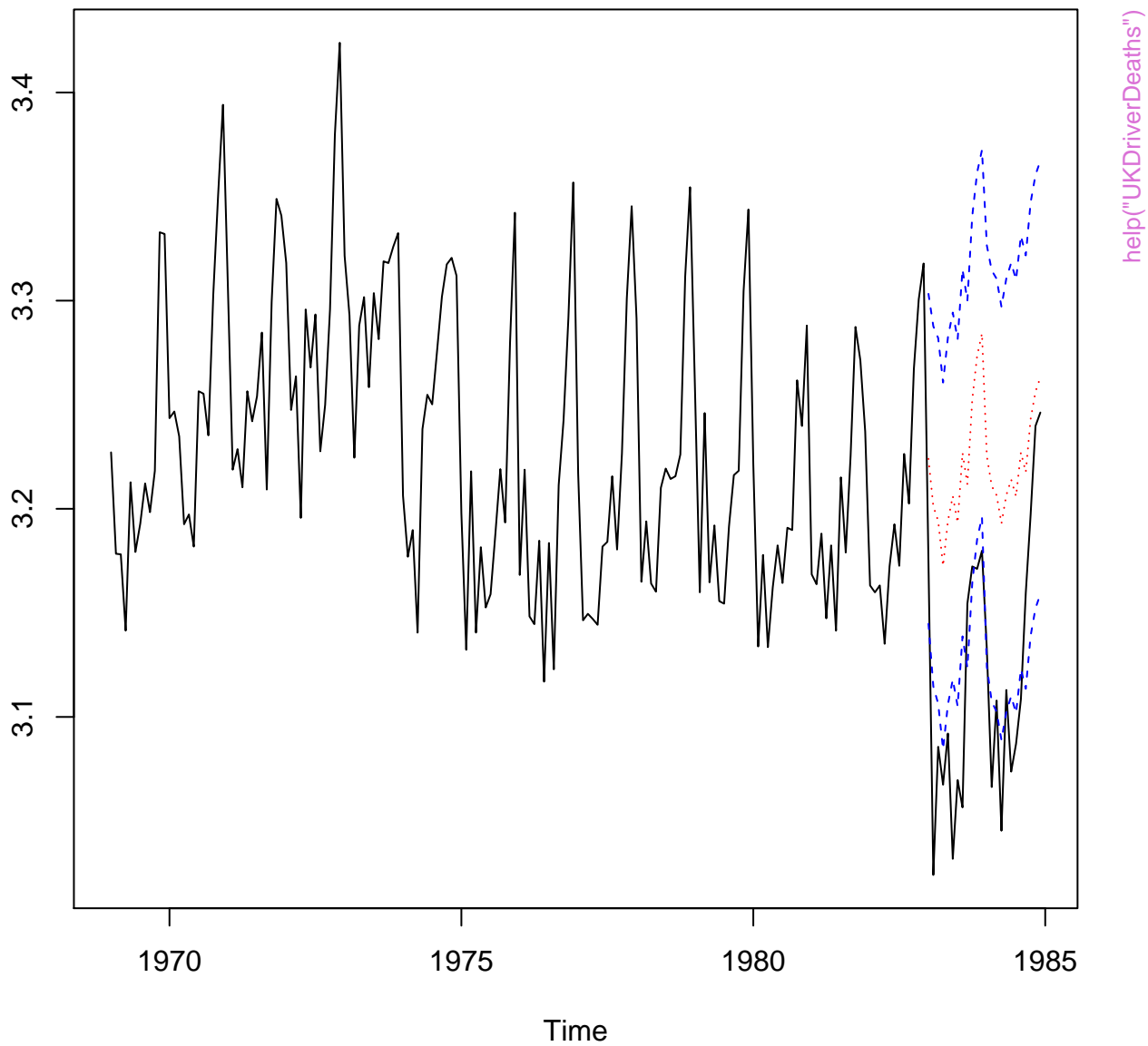


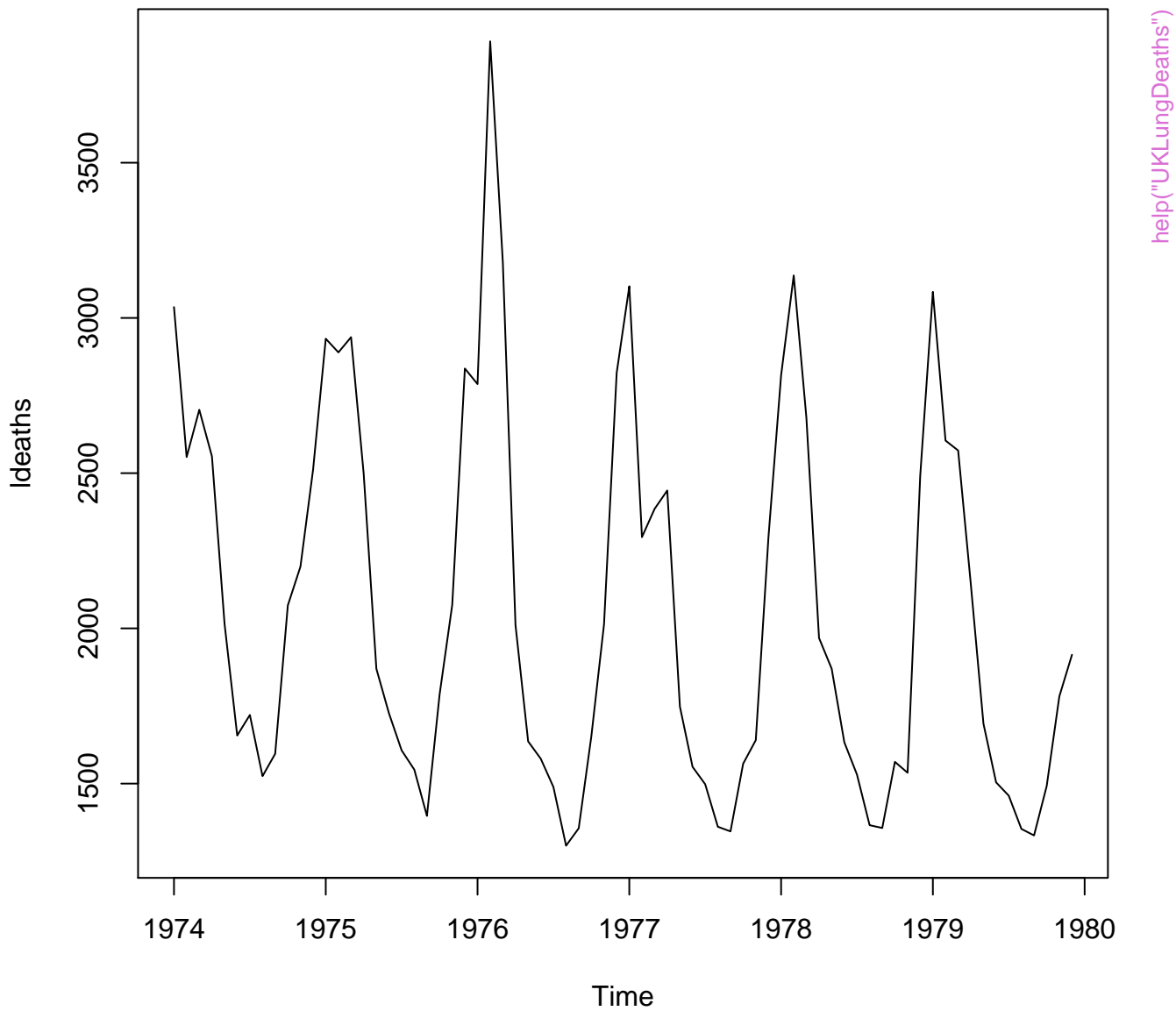
Series work

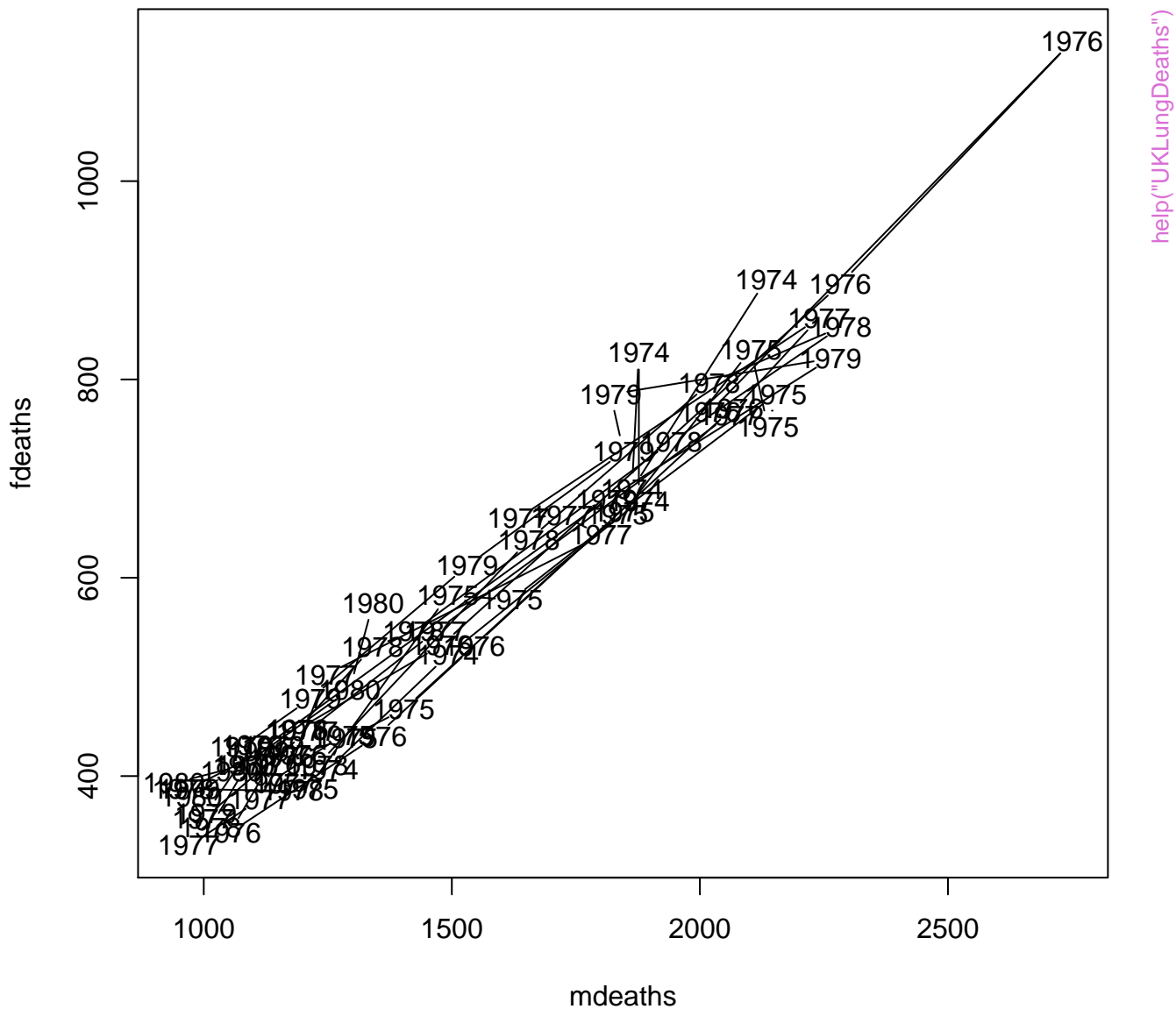


Series work

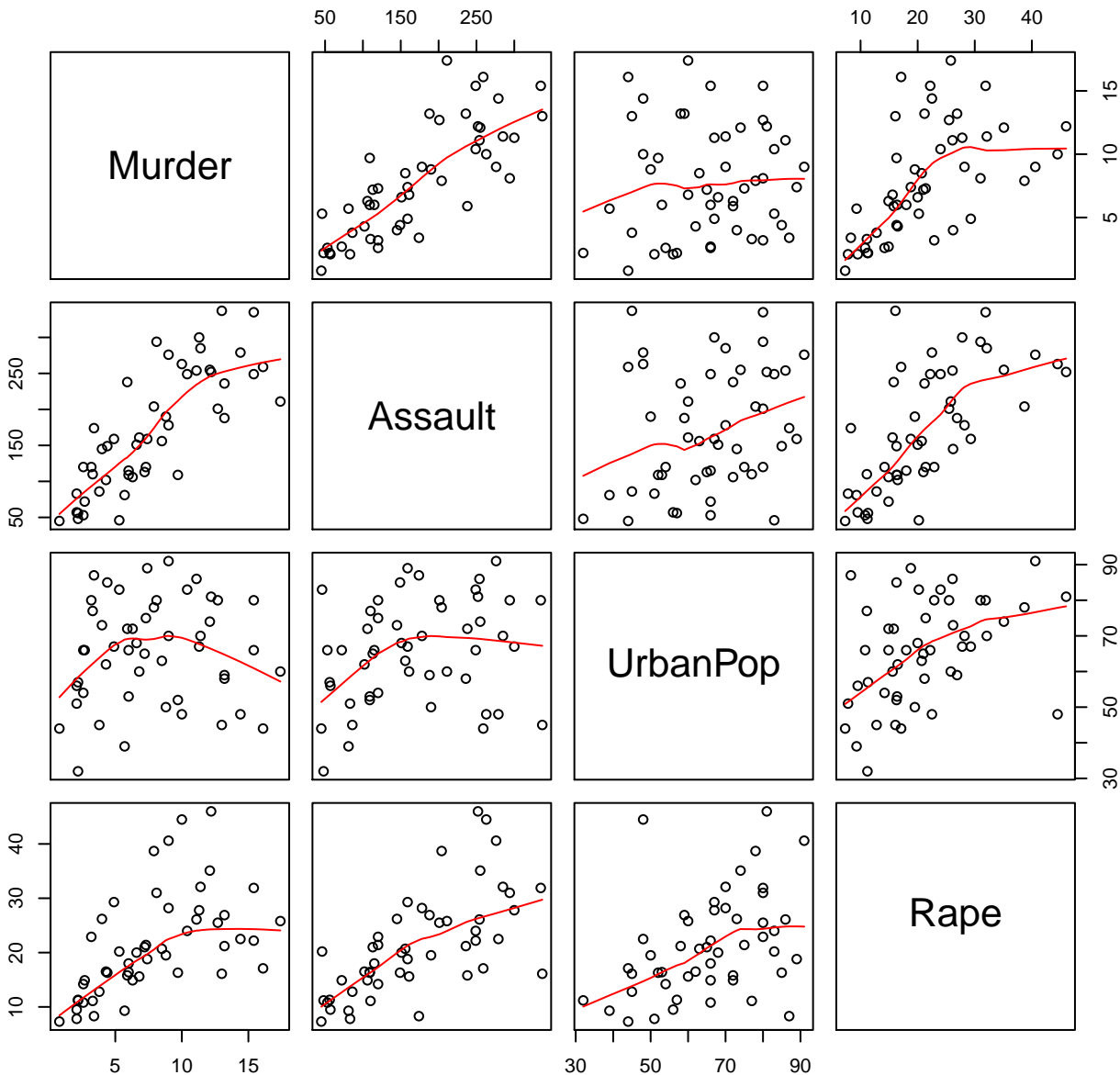






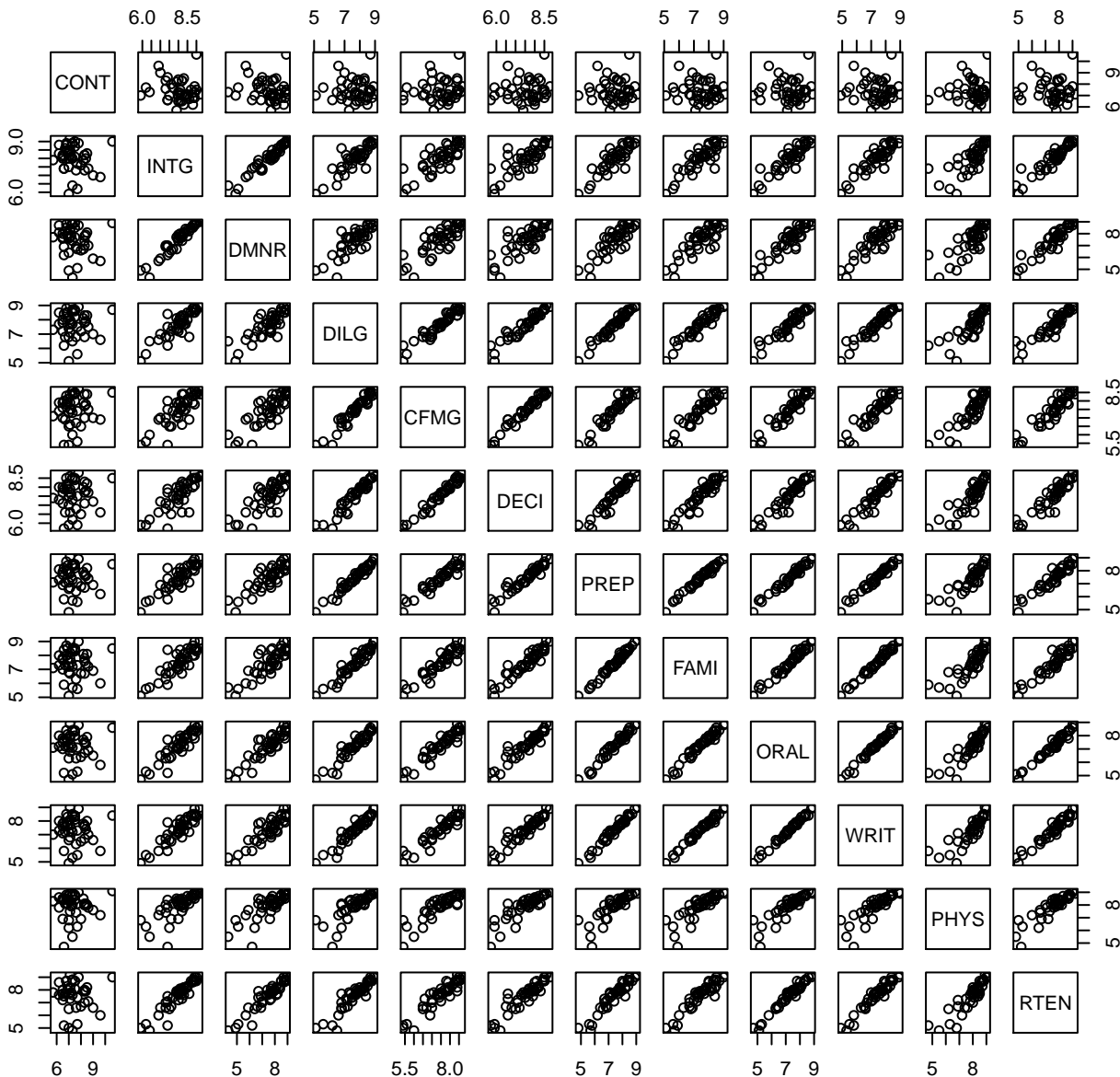


USArrests data



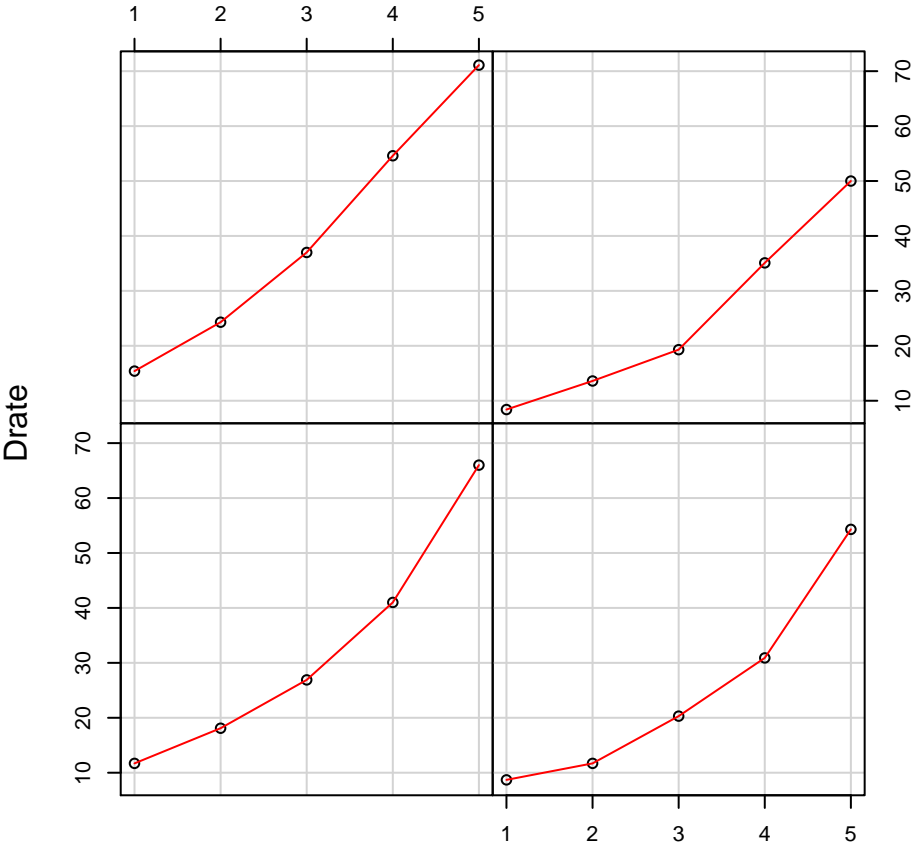
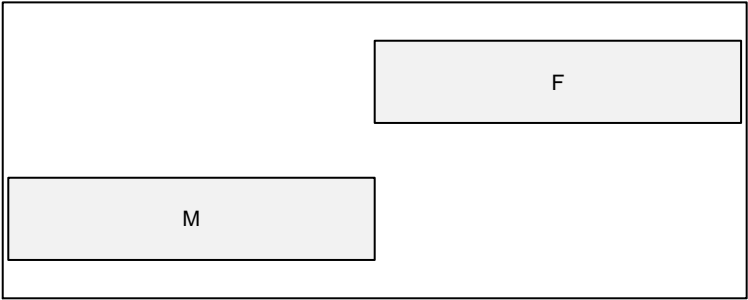
help("USArrests")

USJudgeRatings data

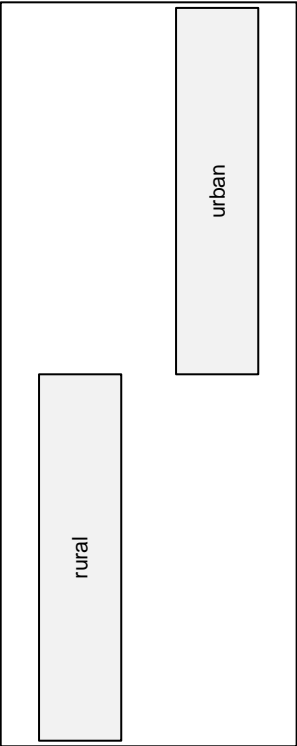


help("USJudgeRatings")

Given : gender



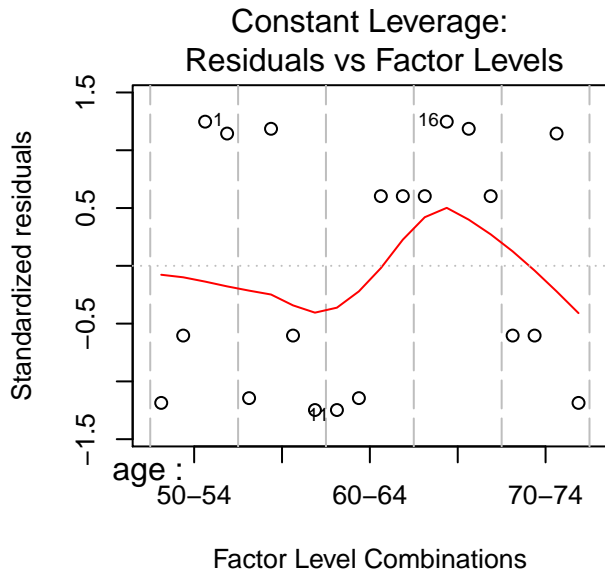
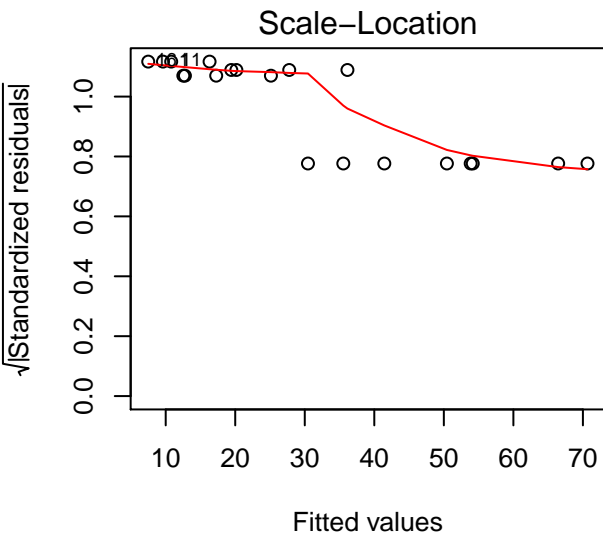
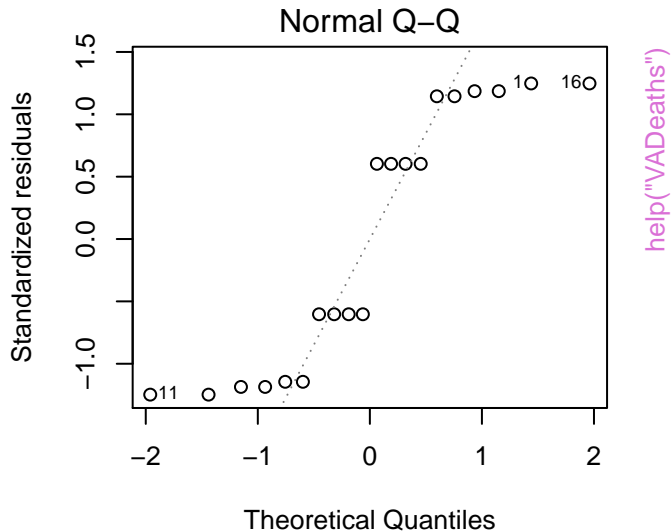
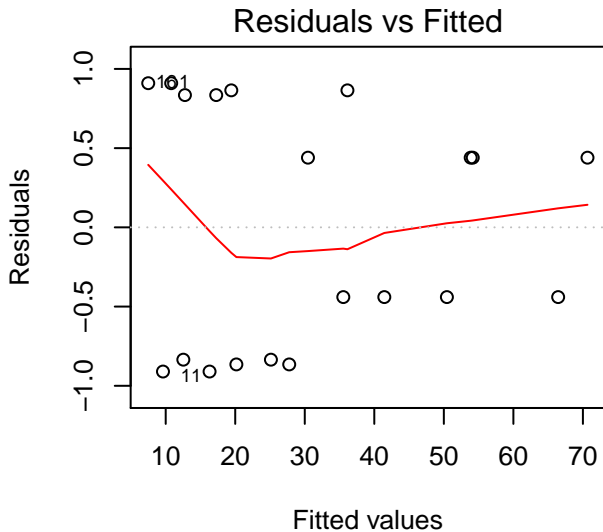
VADeaths data – Given: gender

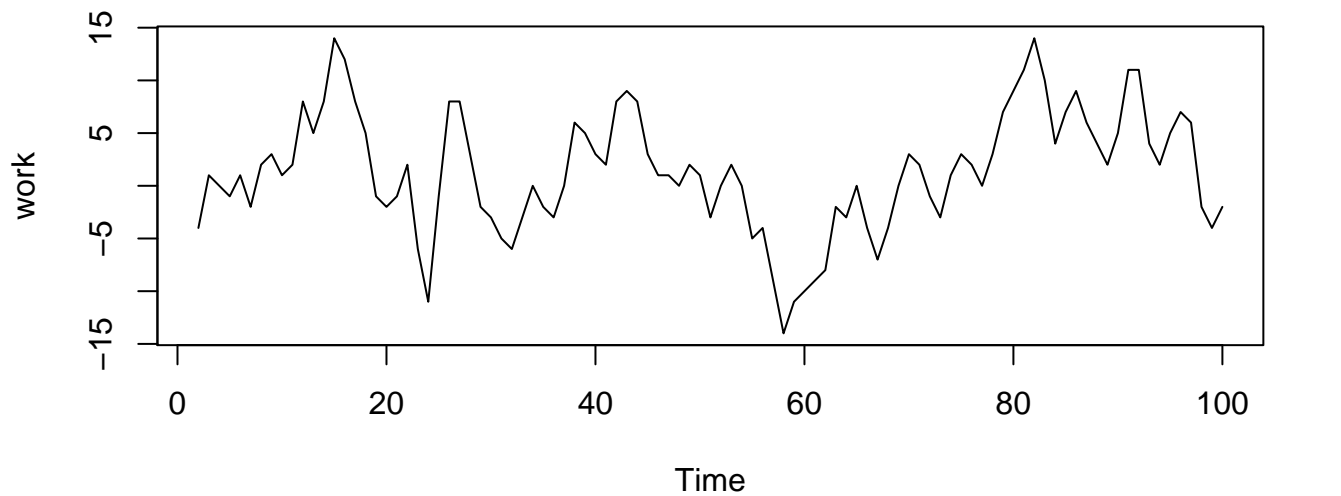
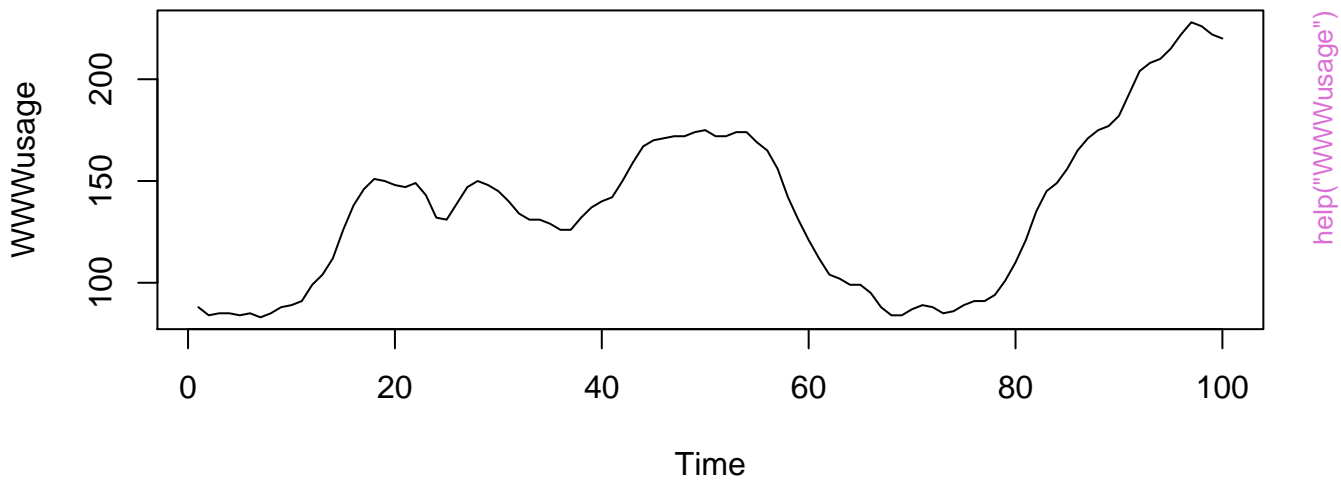


Given : site

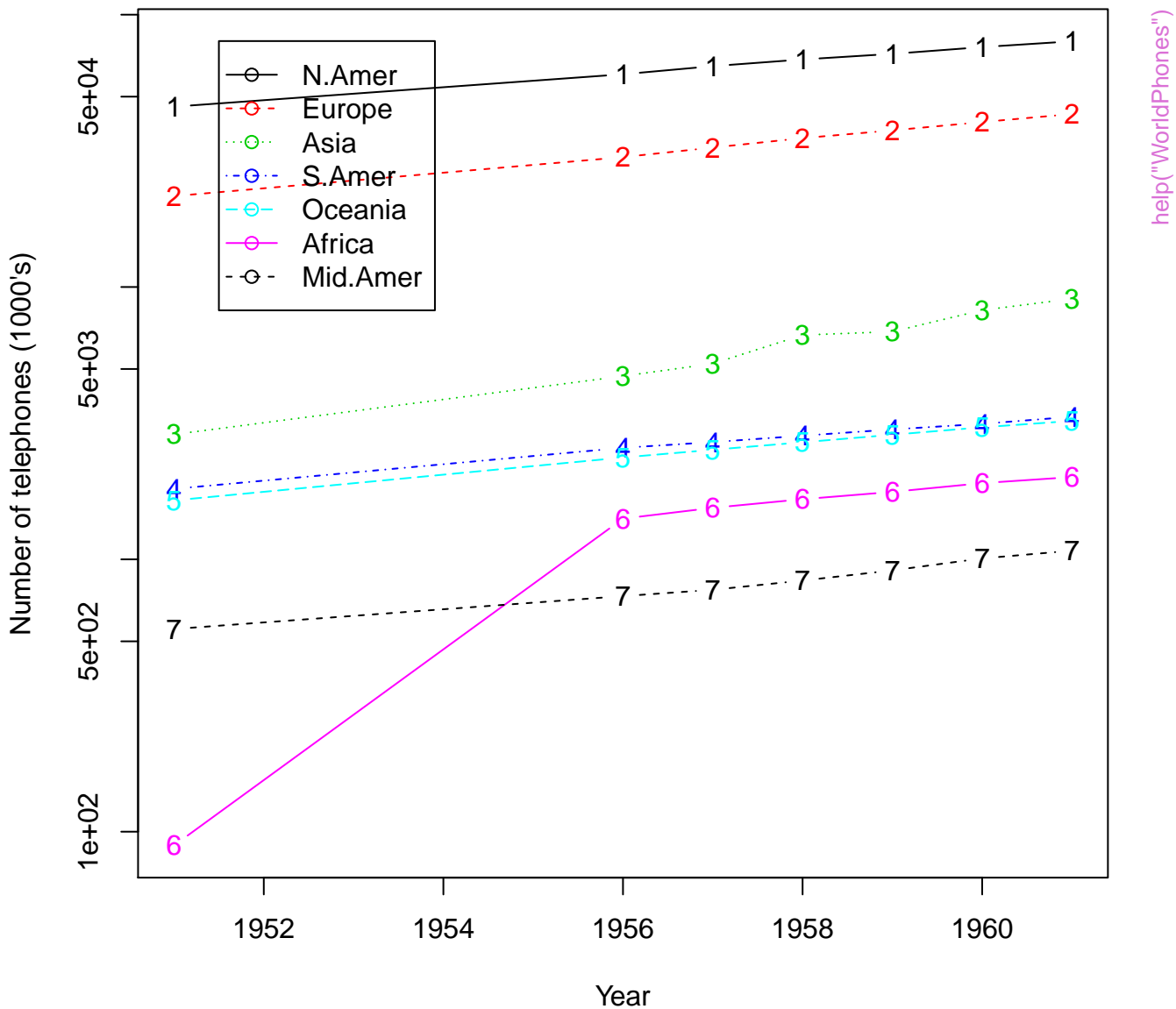
help("VADeaths")

aov(Drate ~ .^2)

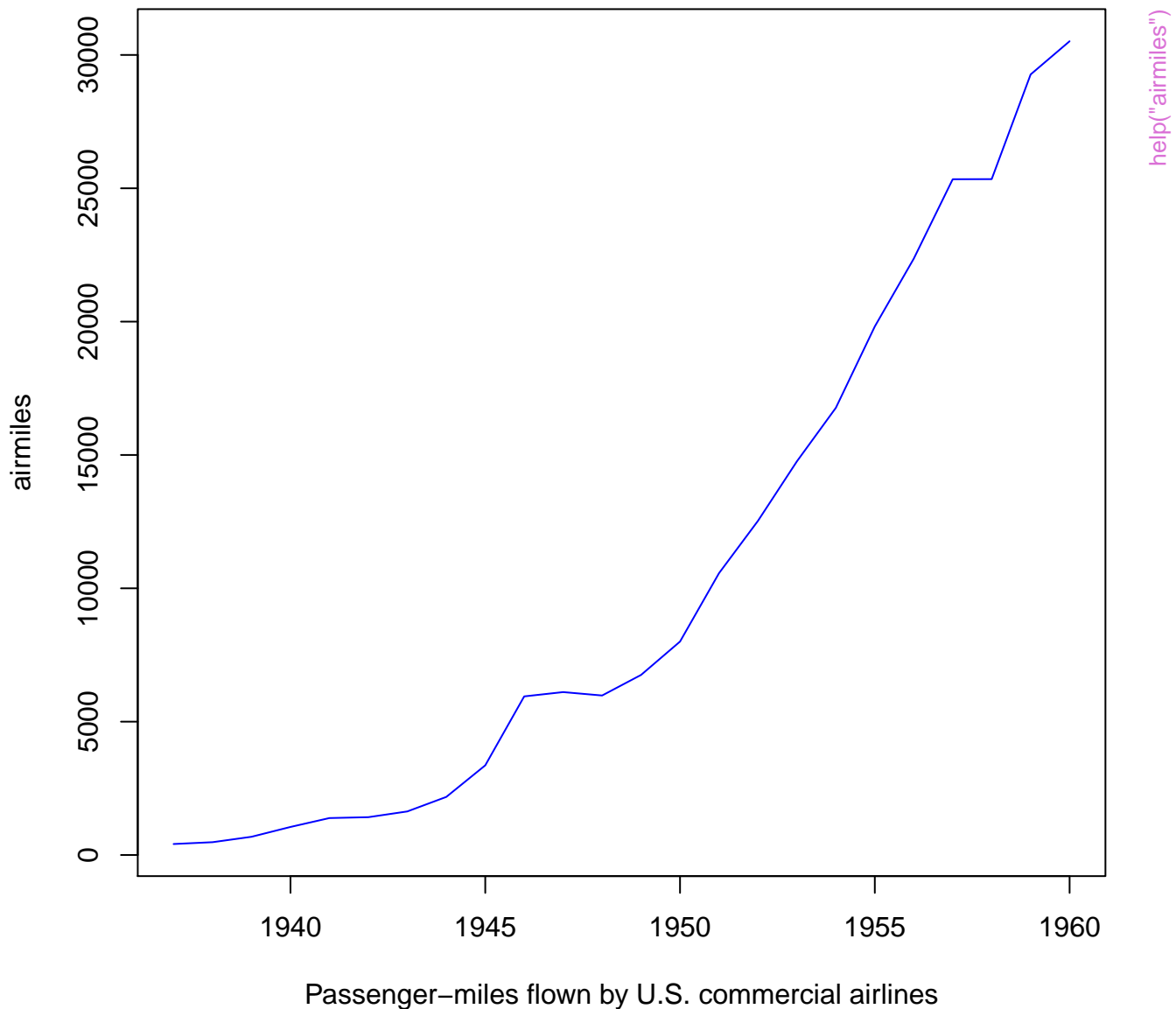




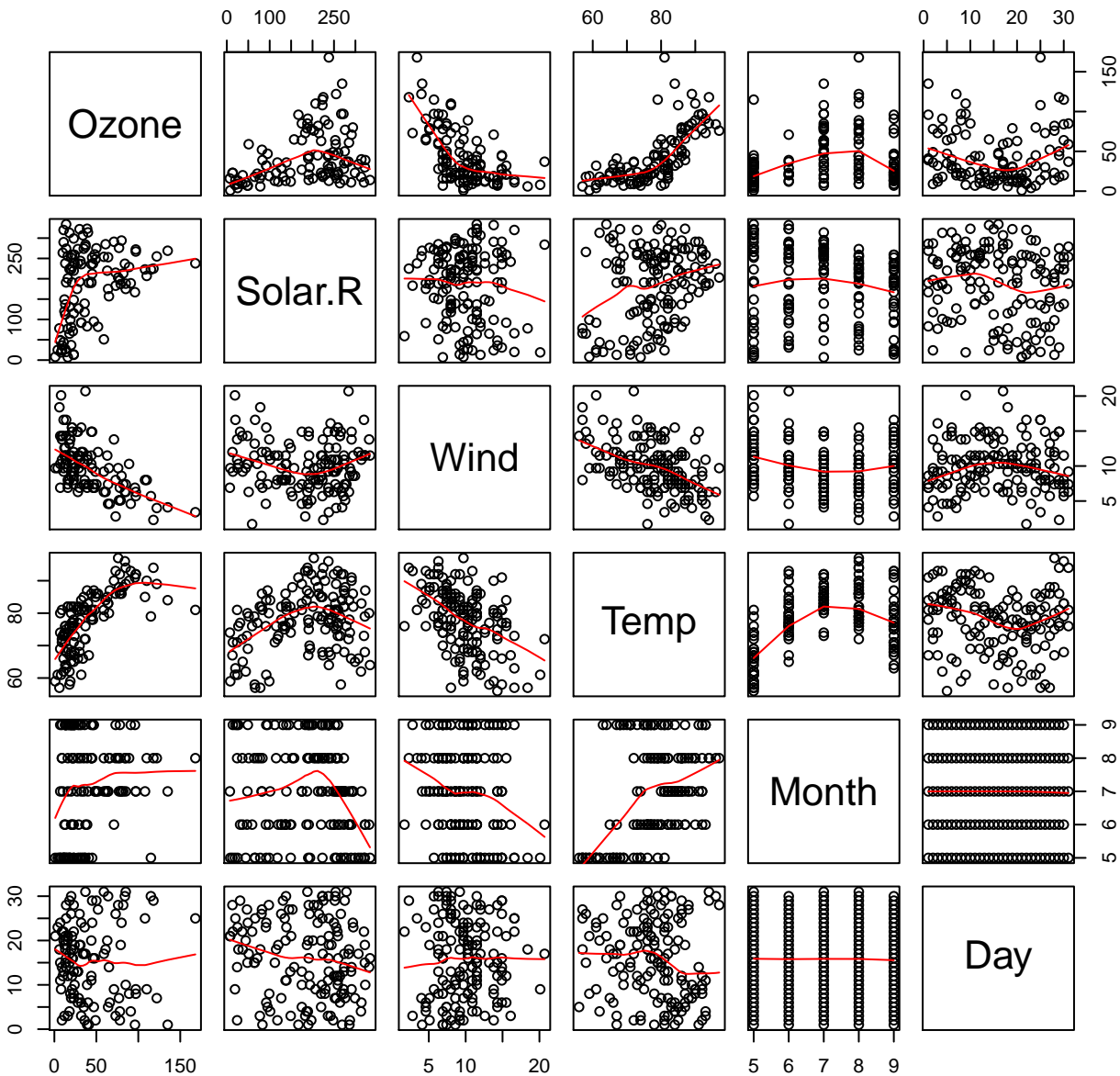
World phones data: log scale for response



airmiles data

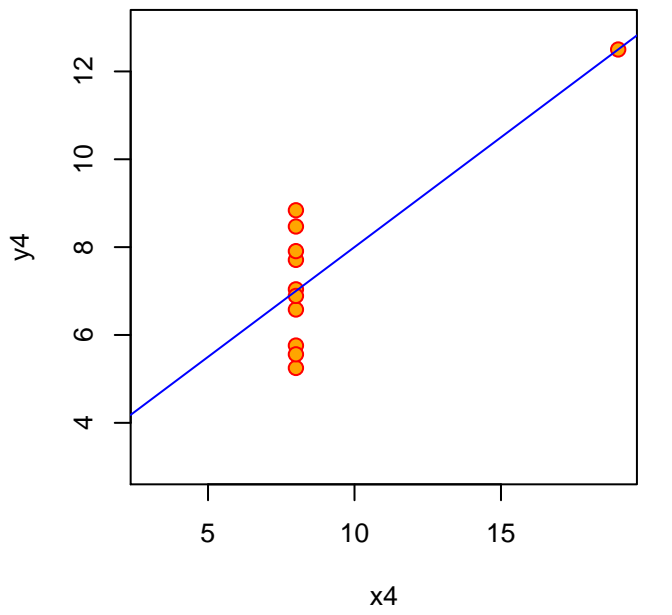
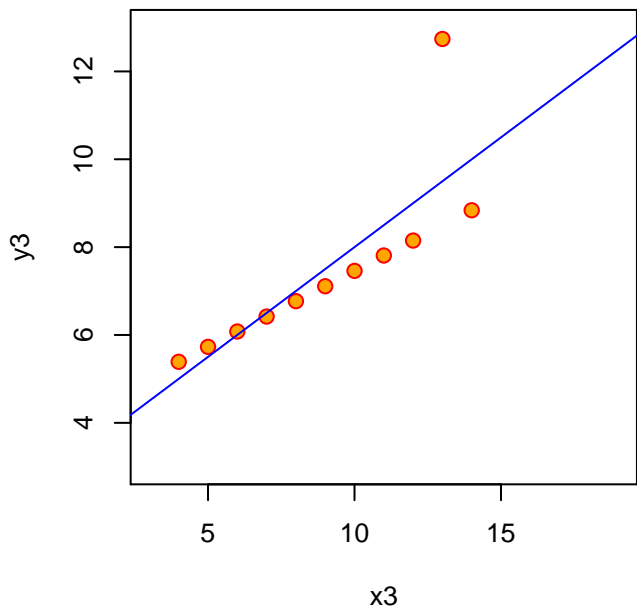
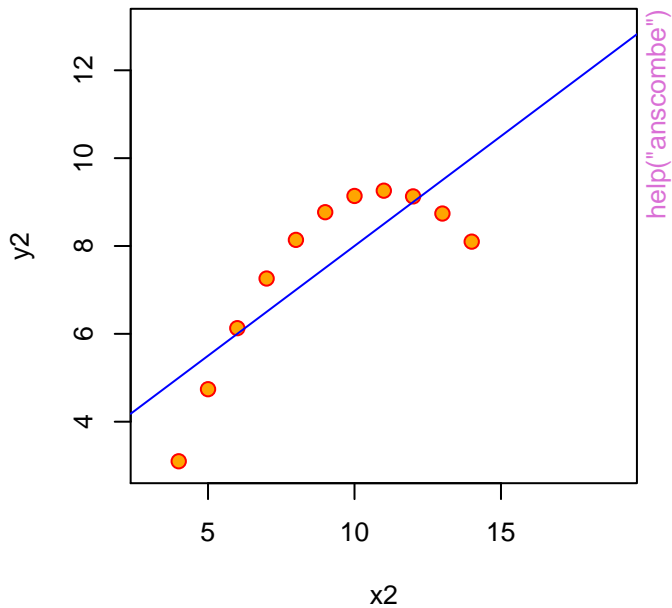
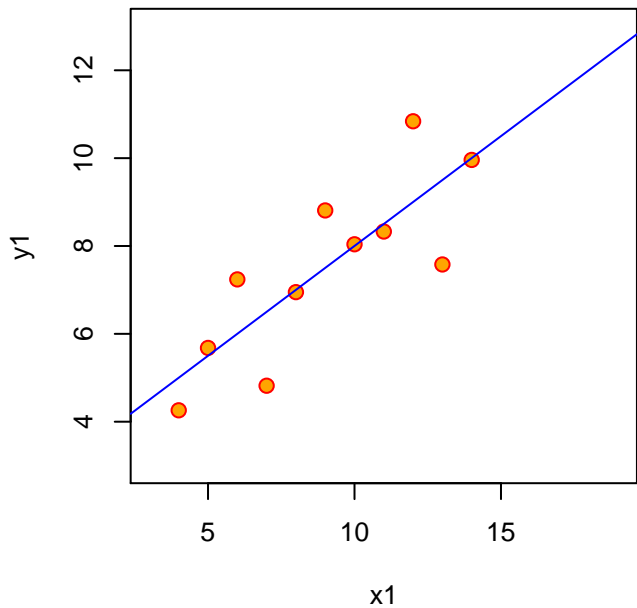


airquality data

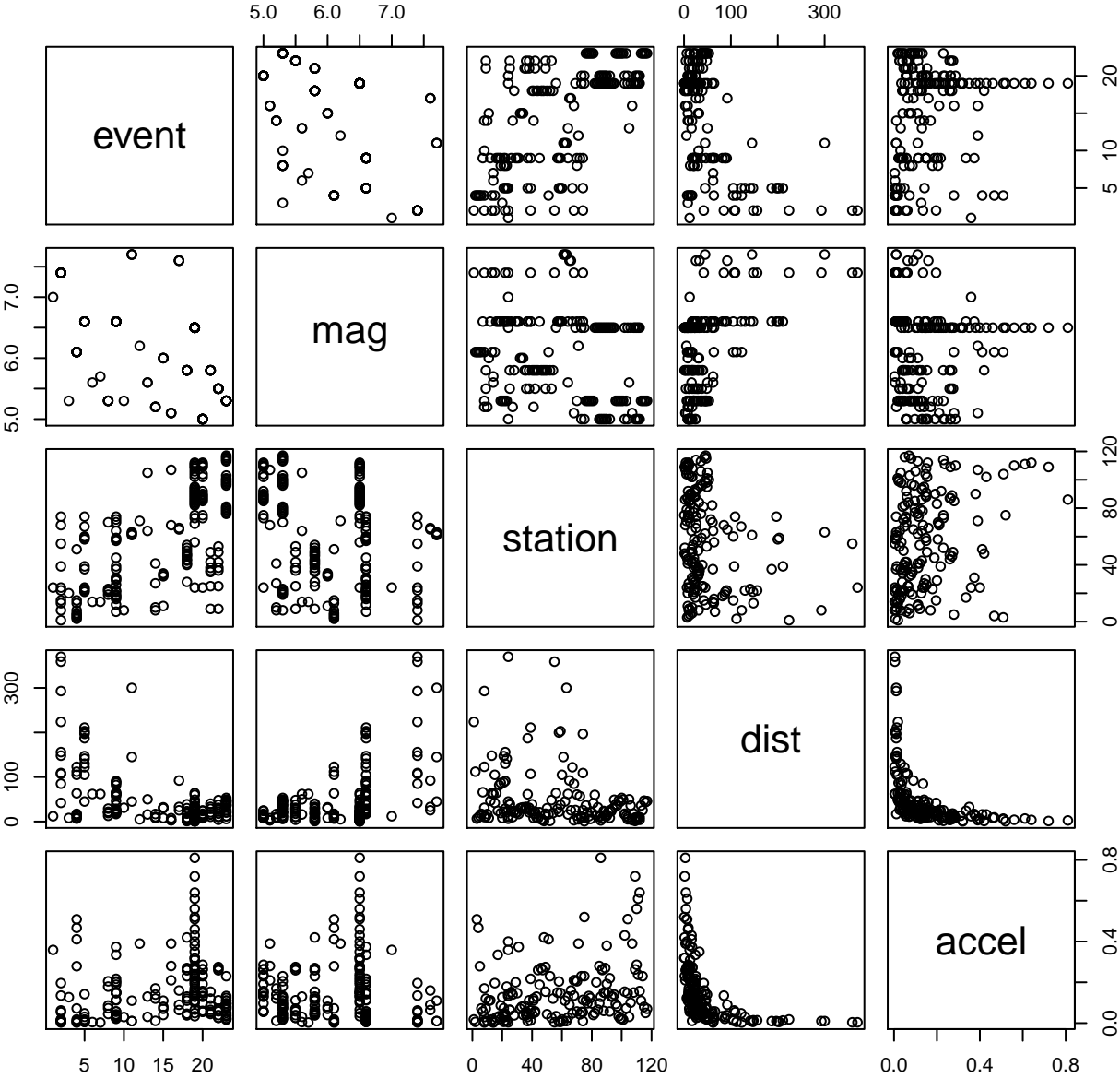


help("airquality")

Anscombe's 4 Regression data sets

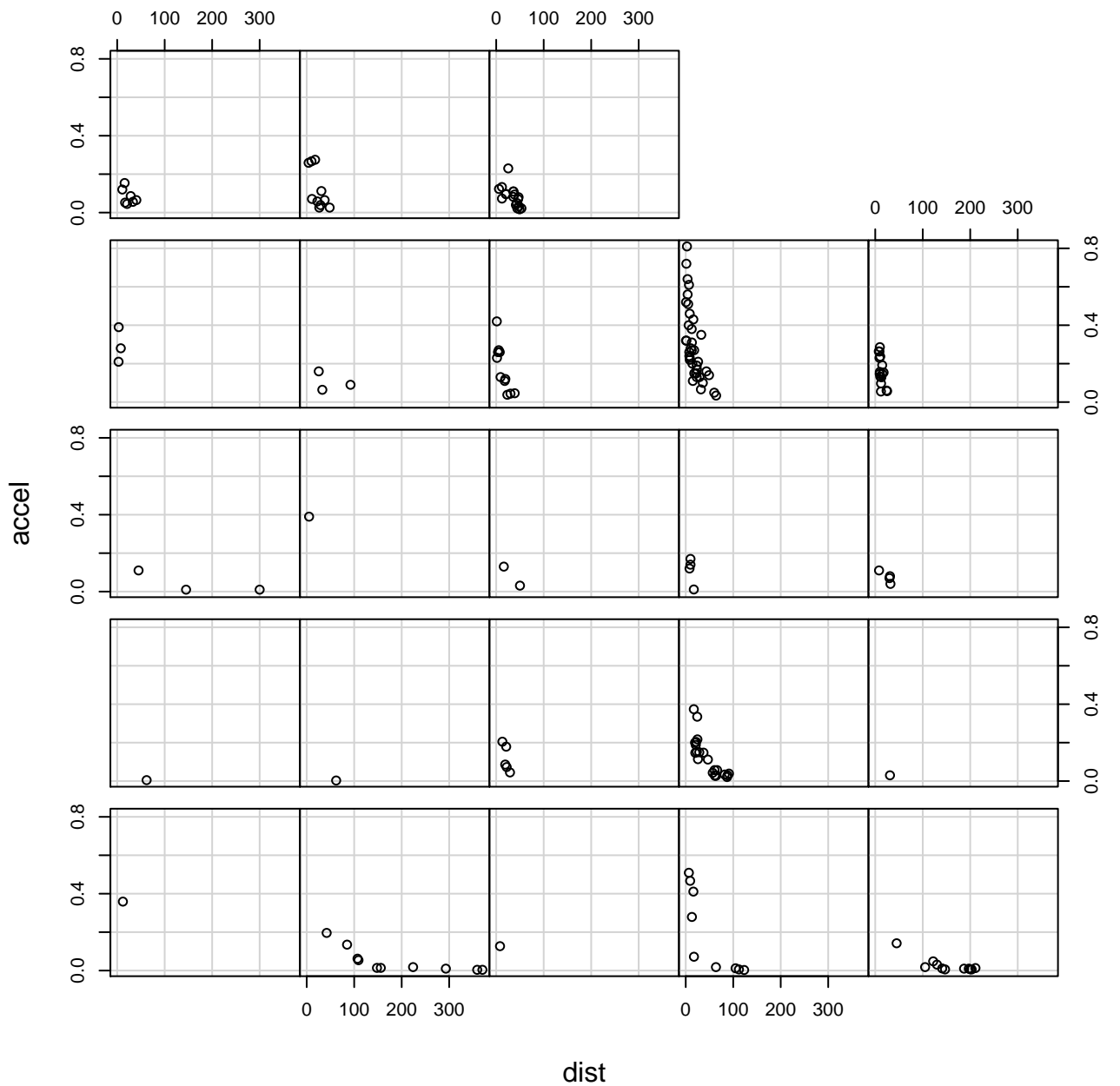


attenu data

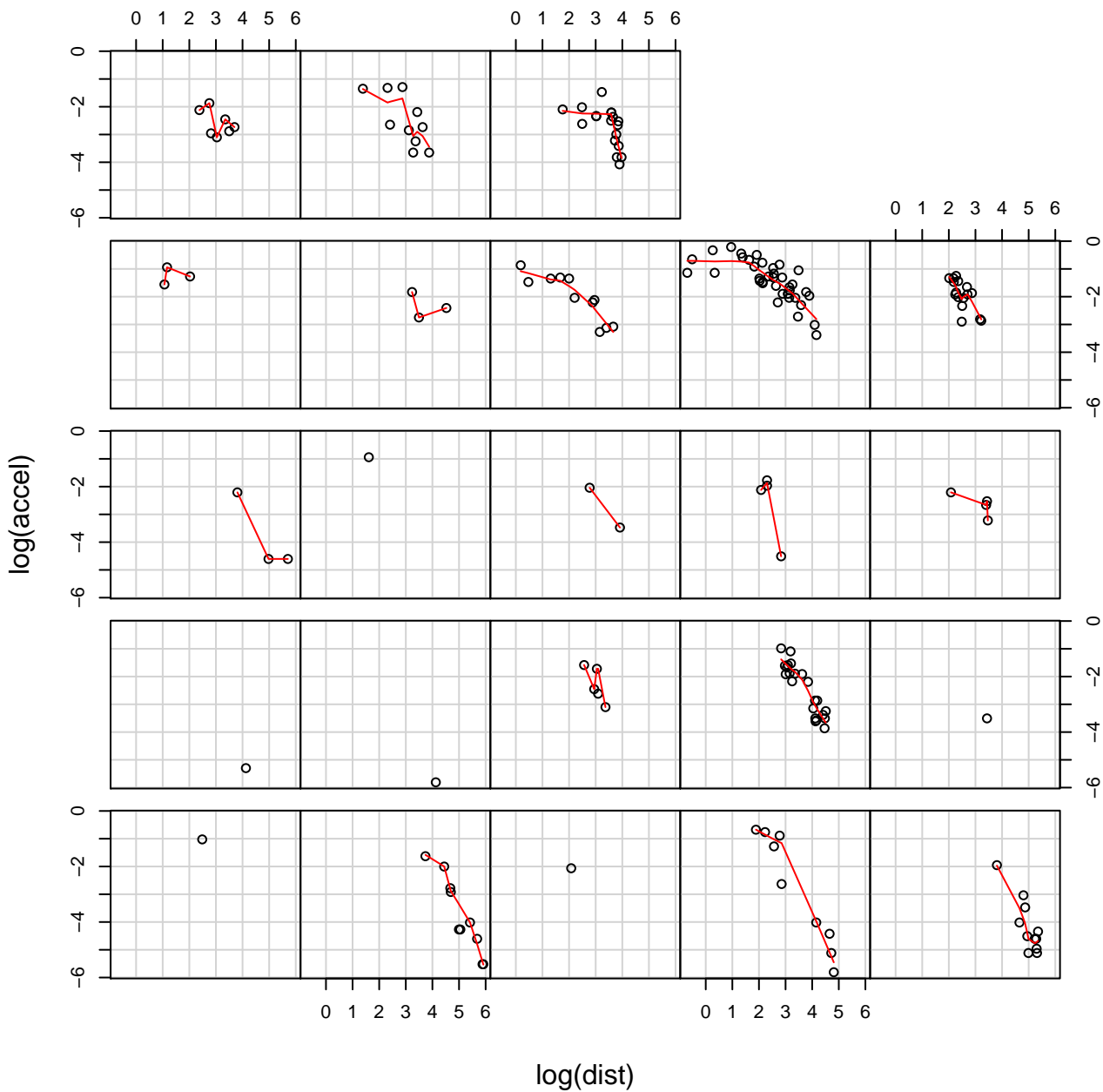


help("attenu")

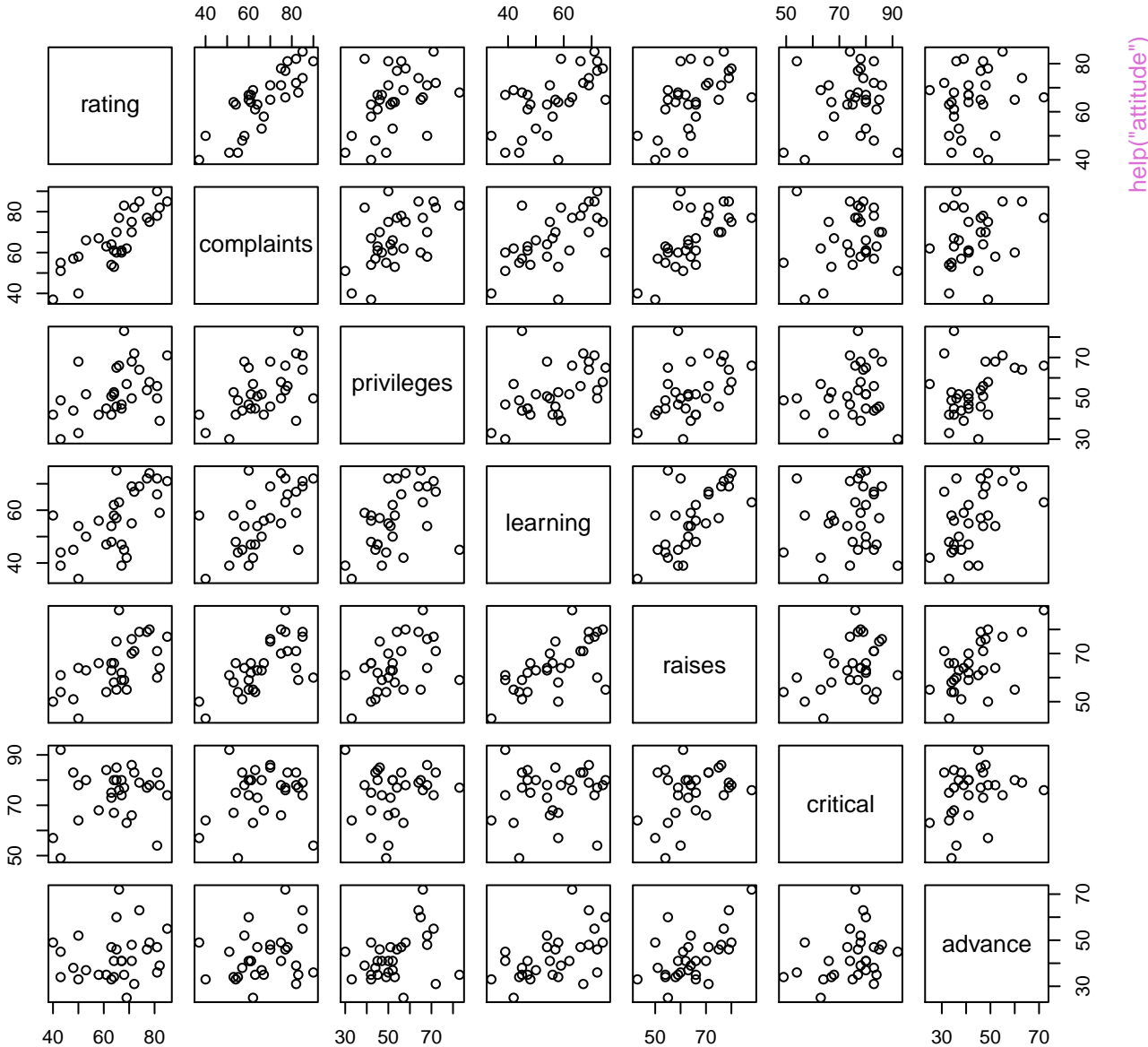
Given : as.factor(event)



Given : as.factor(event)

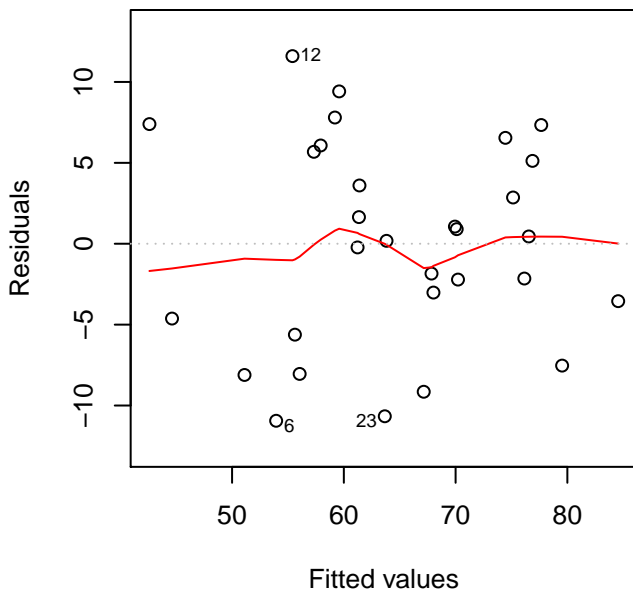


attitude data

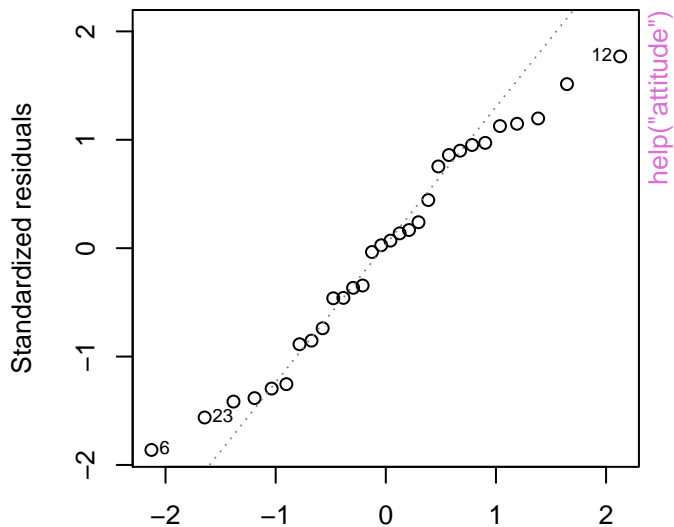


lm(rating ~ .)

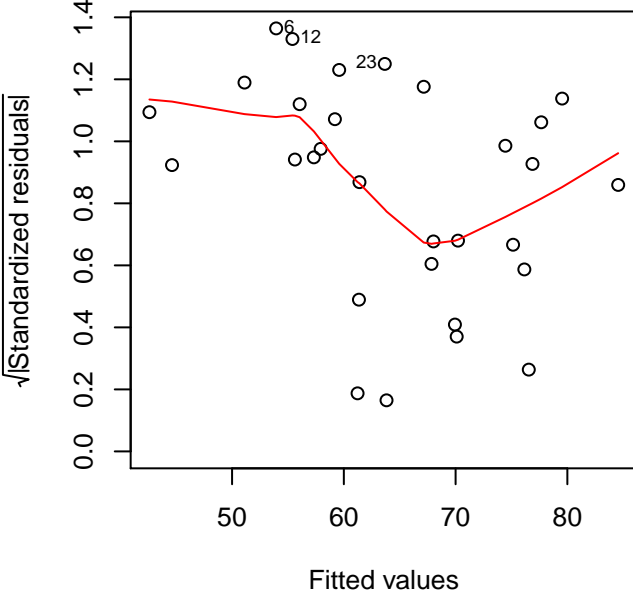
Residuals vs Fitted



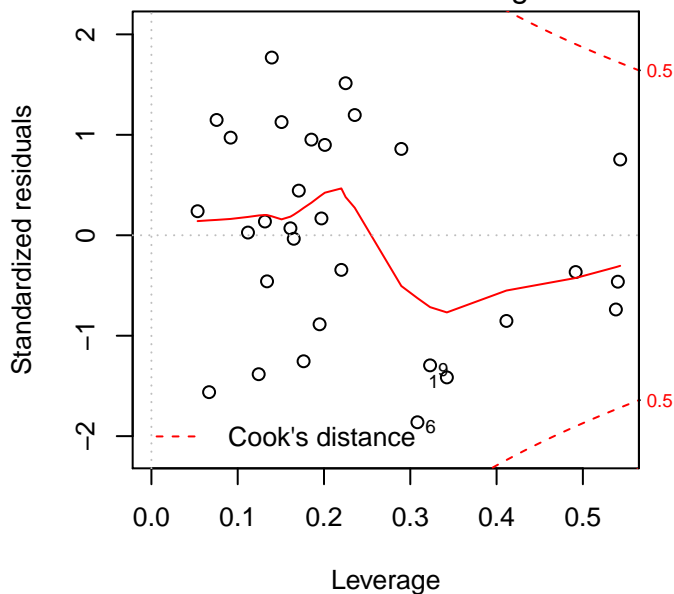
Normal Q-Q



Scale-Location

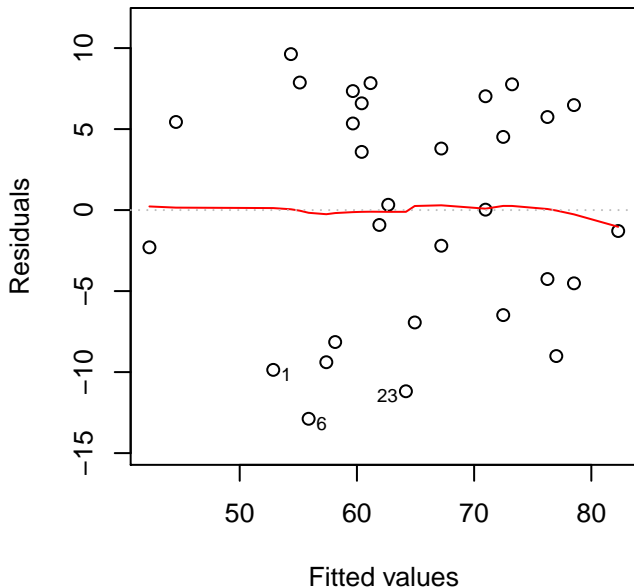


Residuals vs Leverage

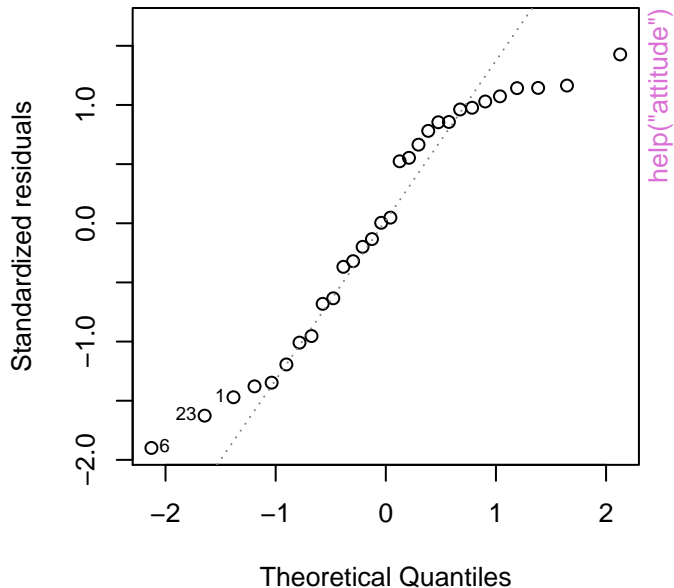


lm(rating ~ complaints)

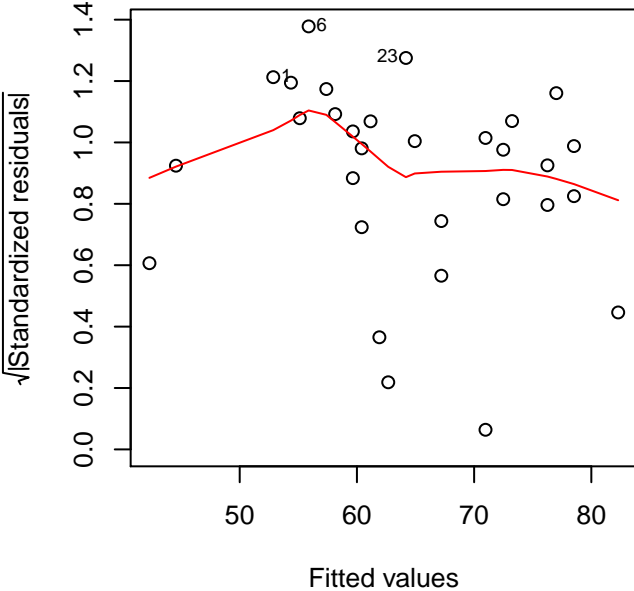
Residuals vs Fitted



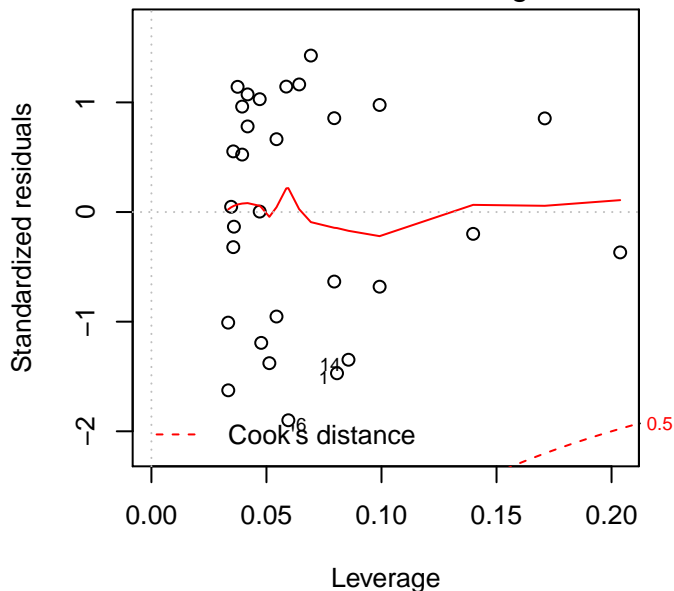
Normal Q-Q



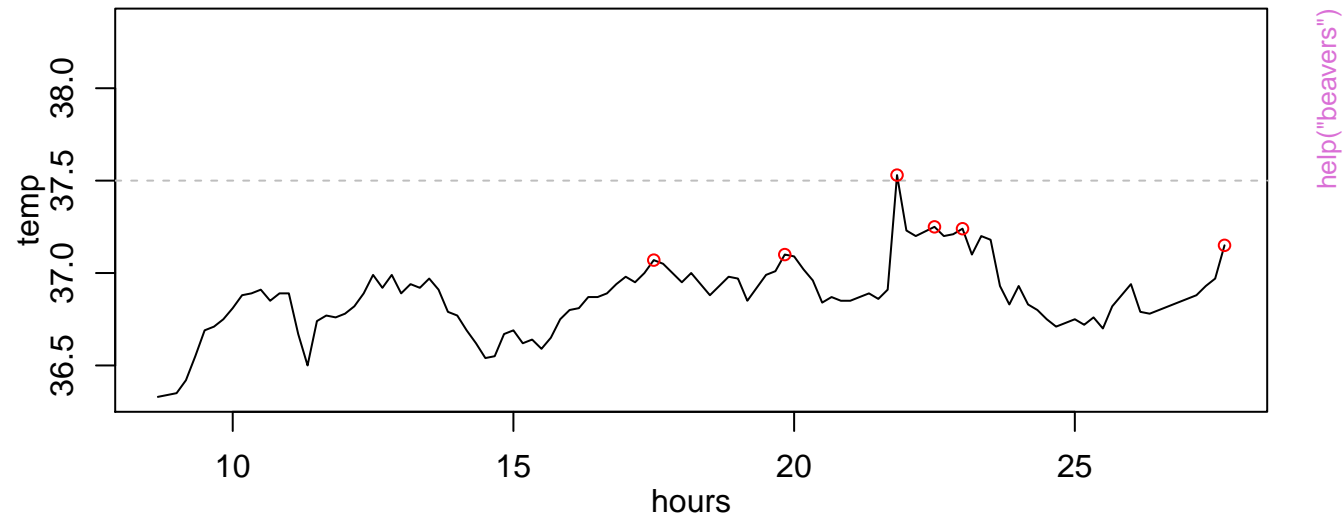
Scale-Location



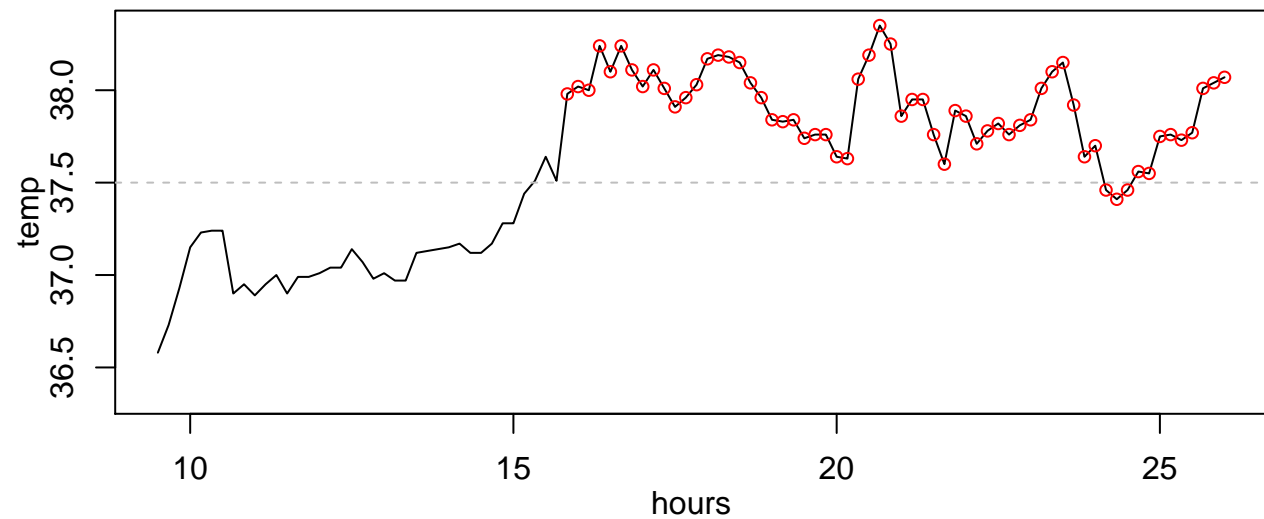
Residuals vs Leverage



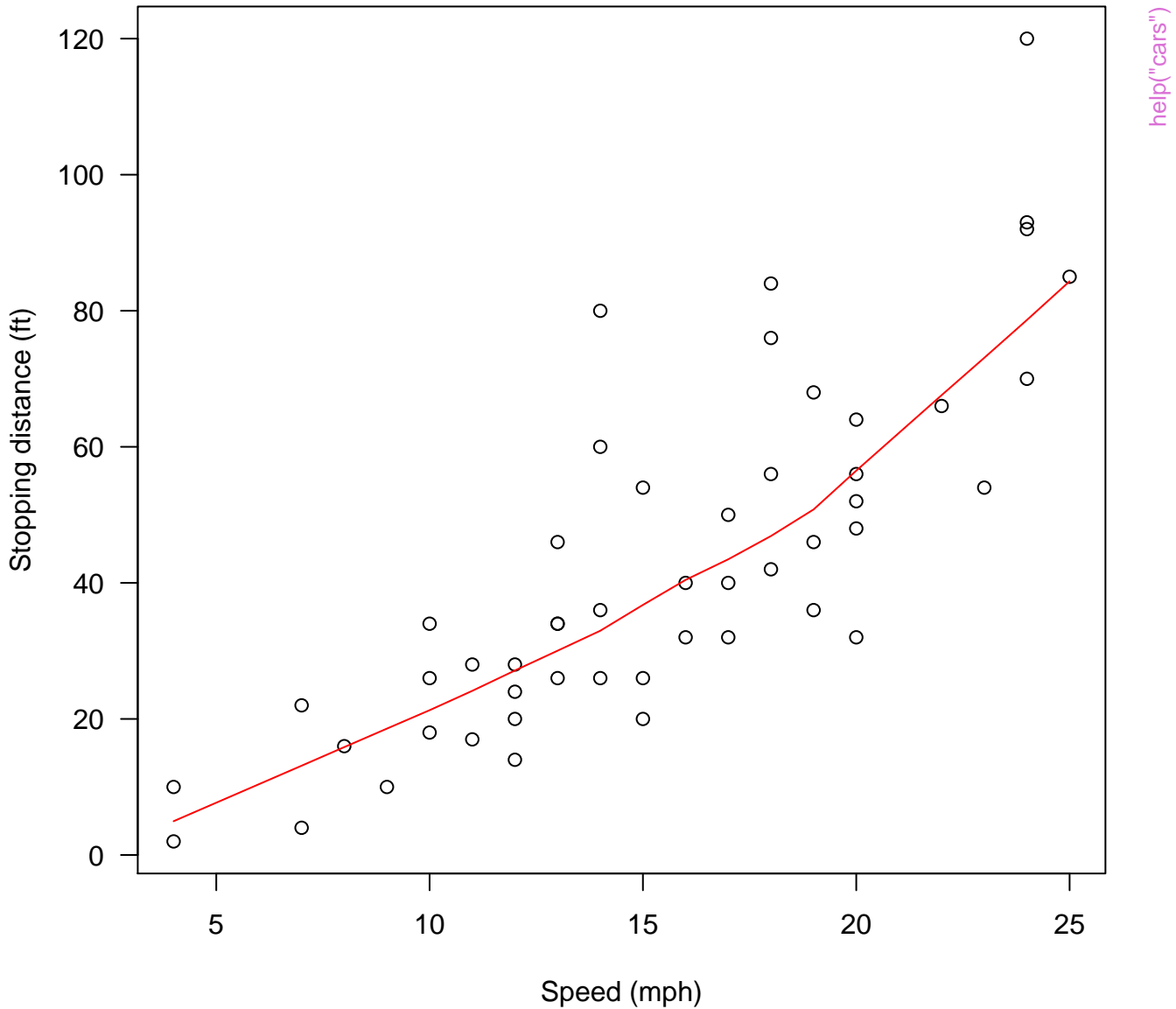
beaver1 body temperature



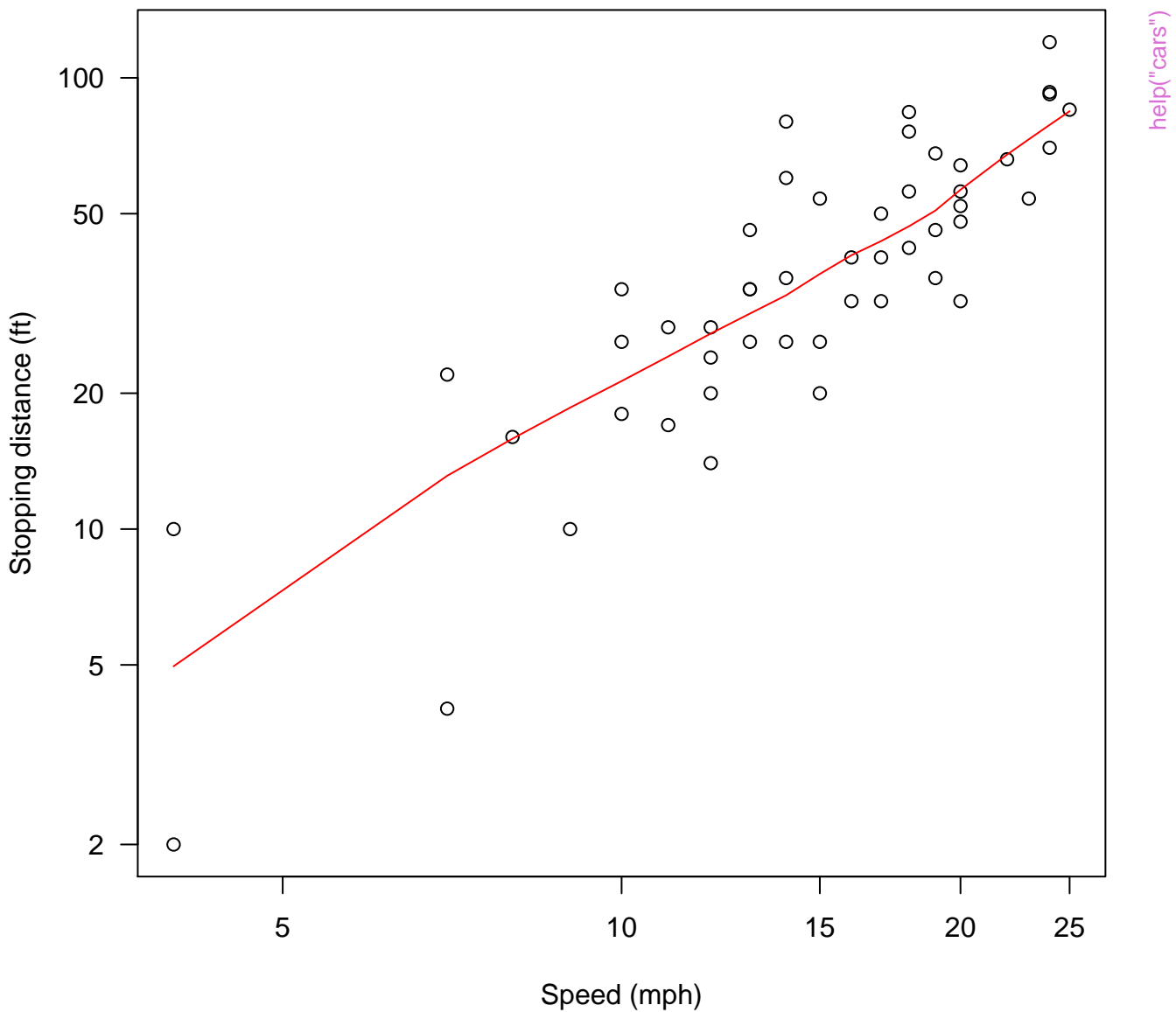
beaver2 body temperature



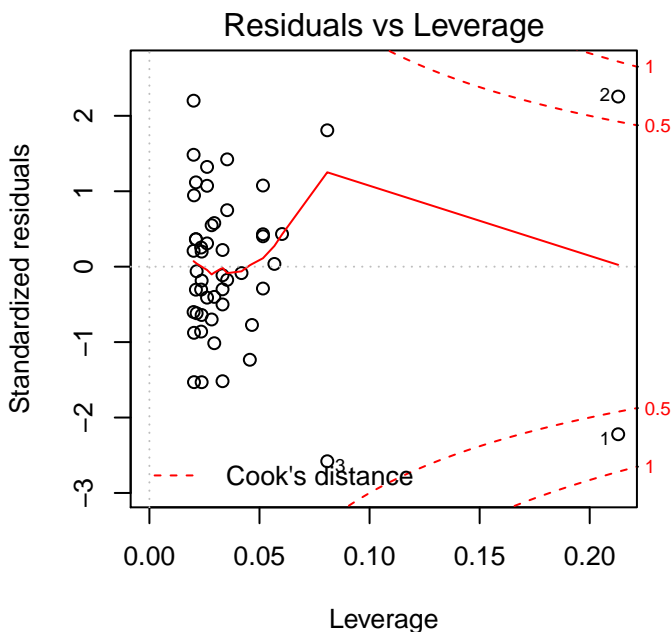
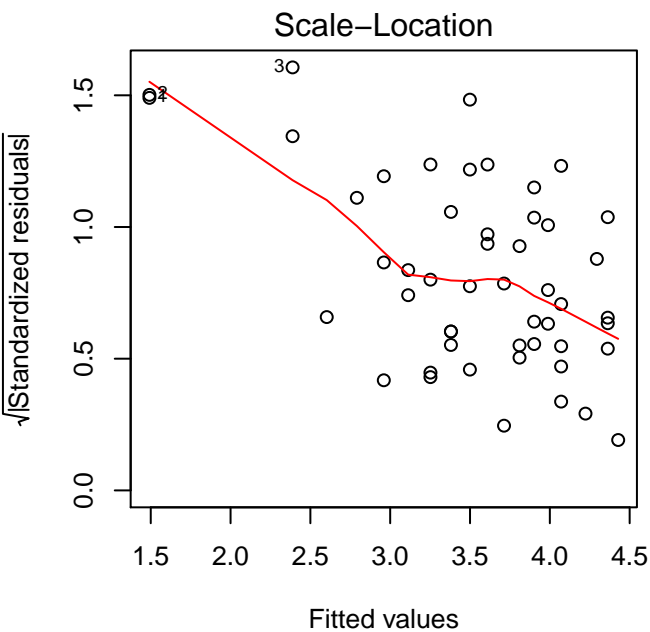
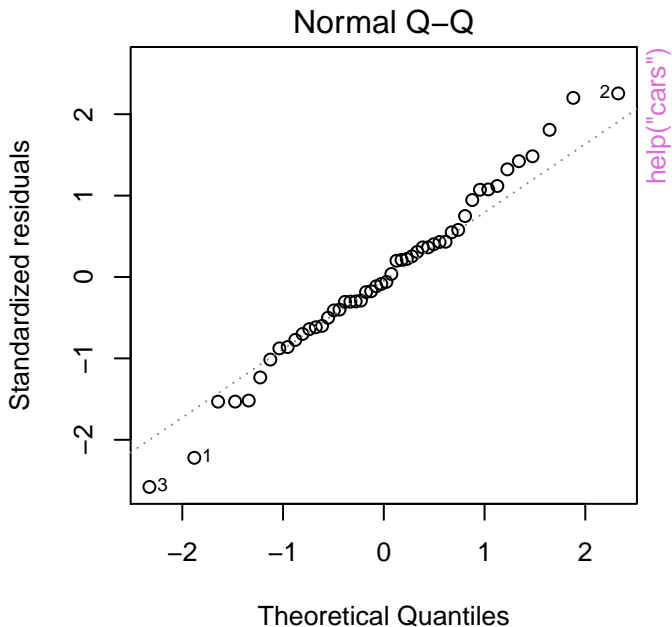
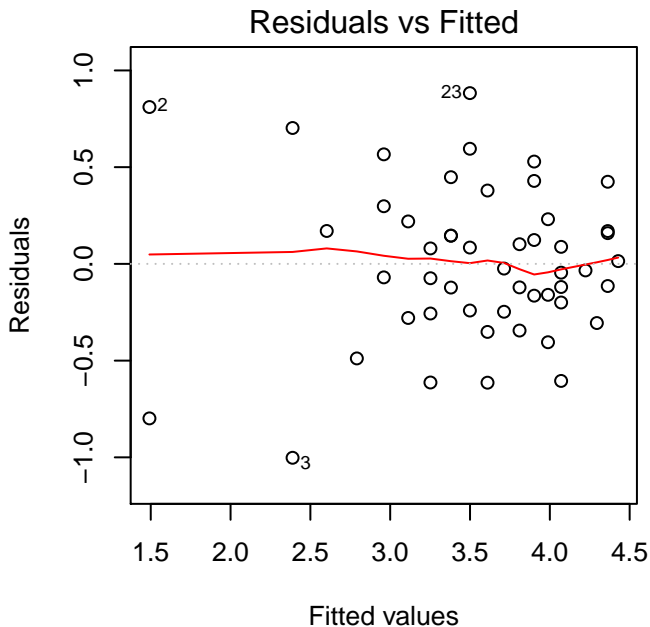
cars data

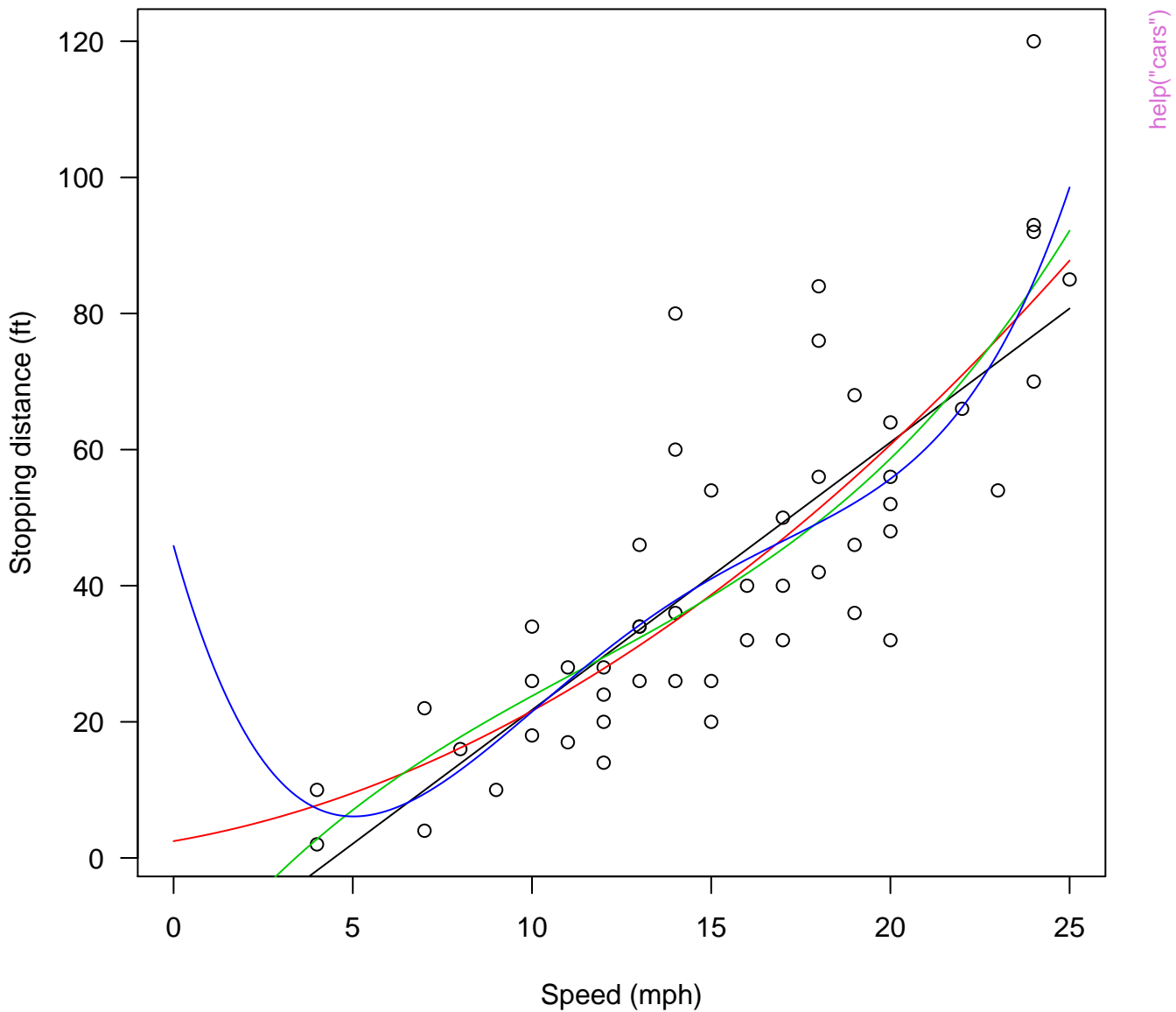


cars data (logarithmic scales)

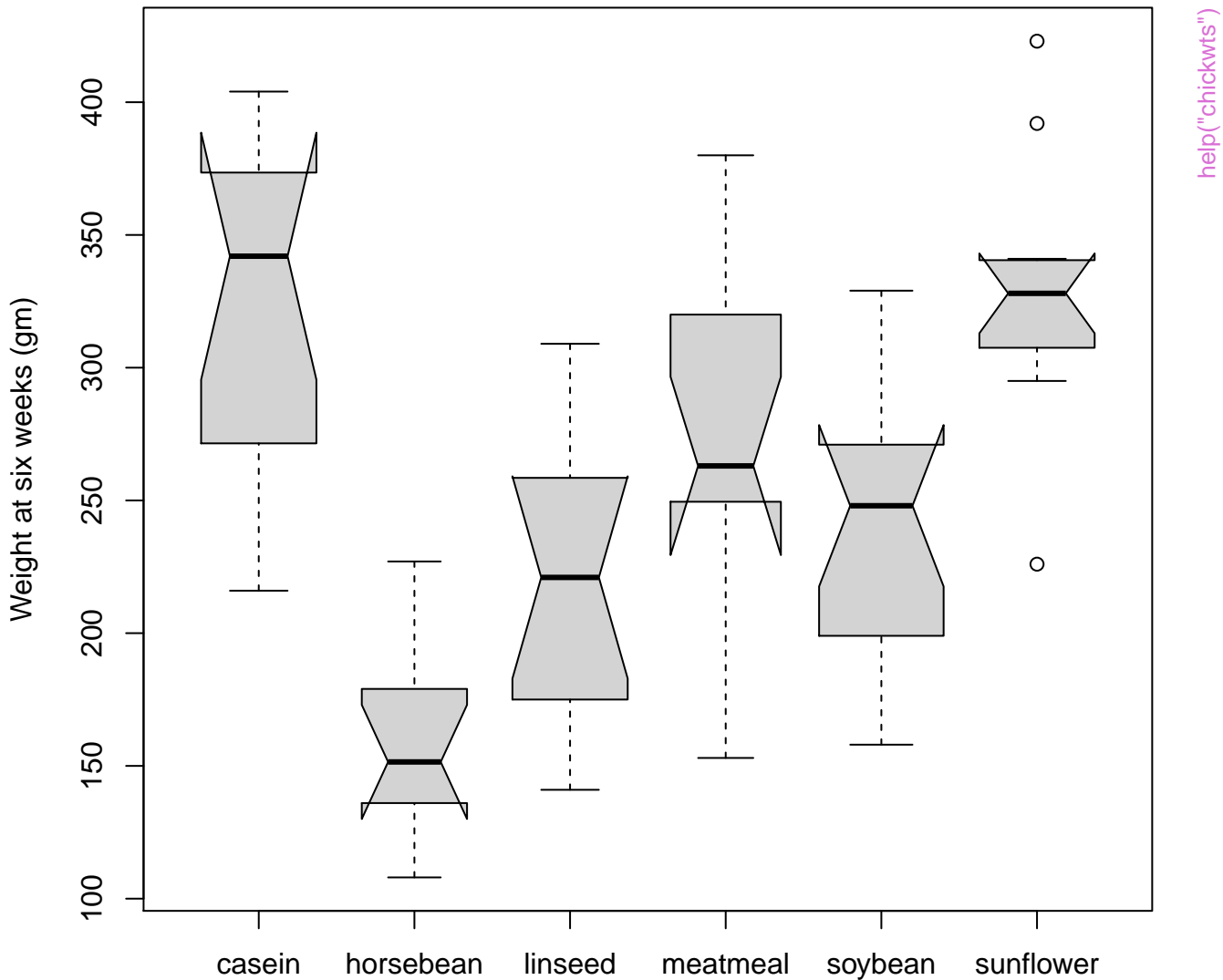


$$\ln(\log(\text{dist}) \sim \log(\text{speed}))$$



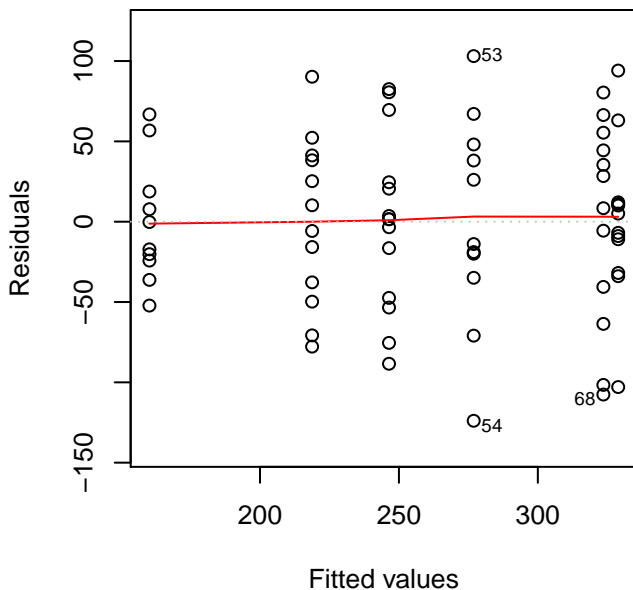


chickwt data

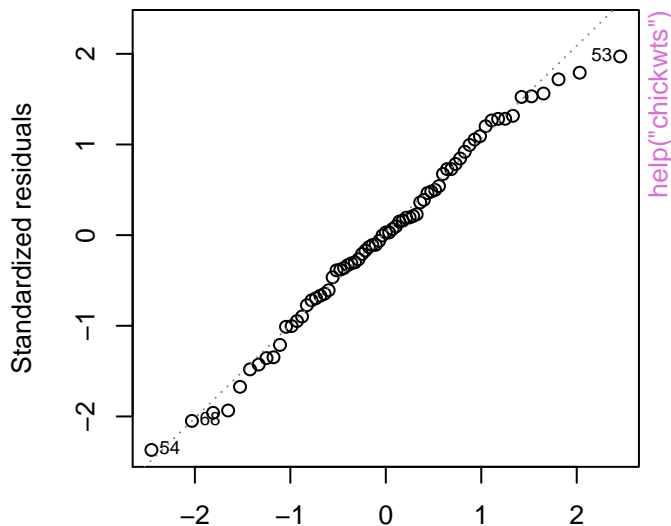


lm(weight ~ feed)

Residuals vs Fitted

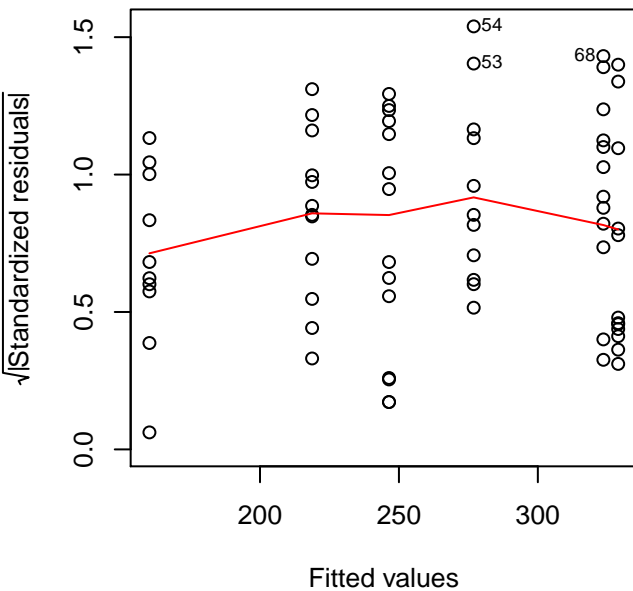


Normal Q-Q

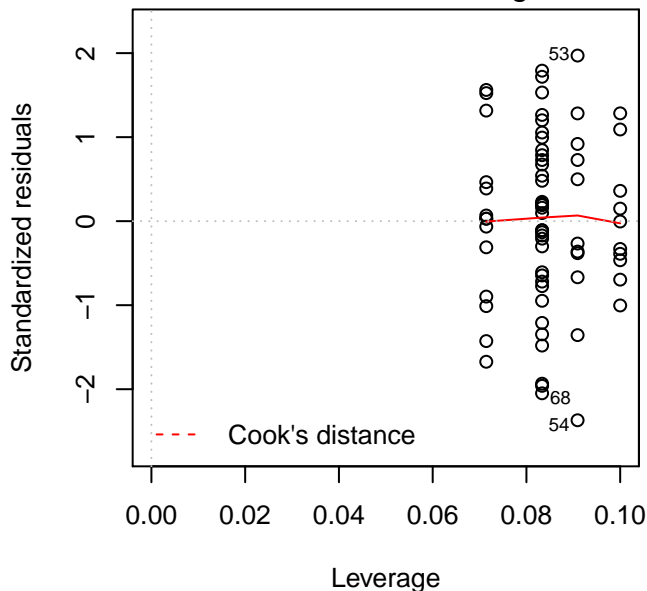


help("chickwts")

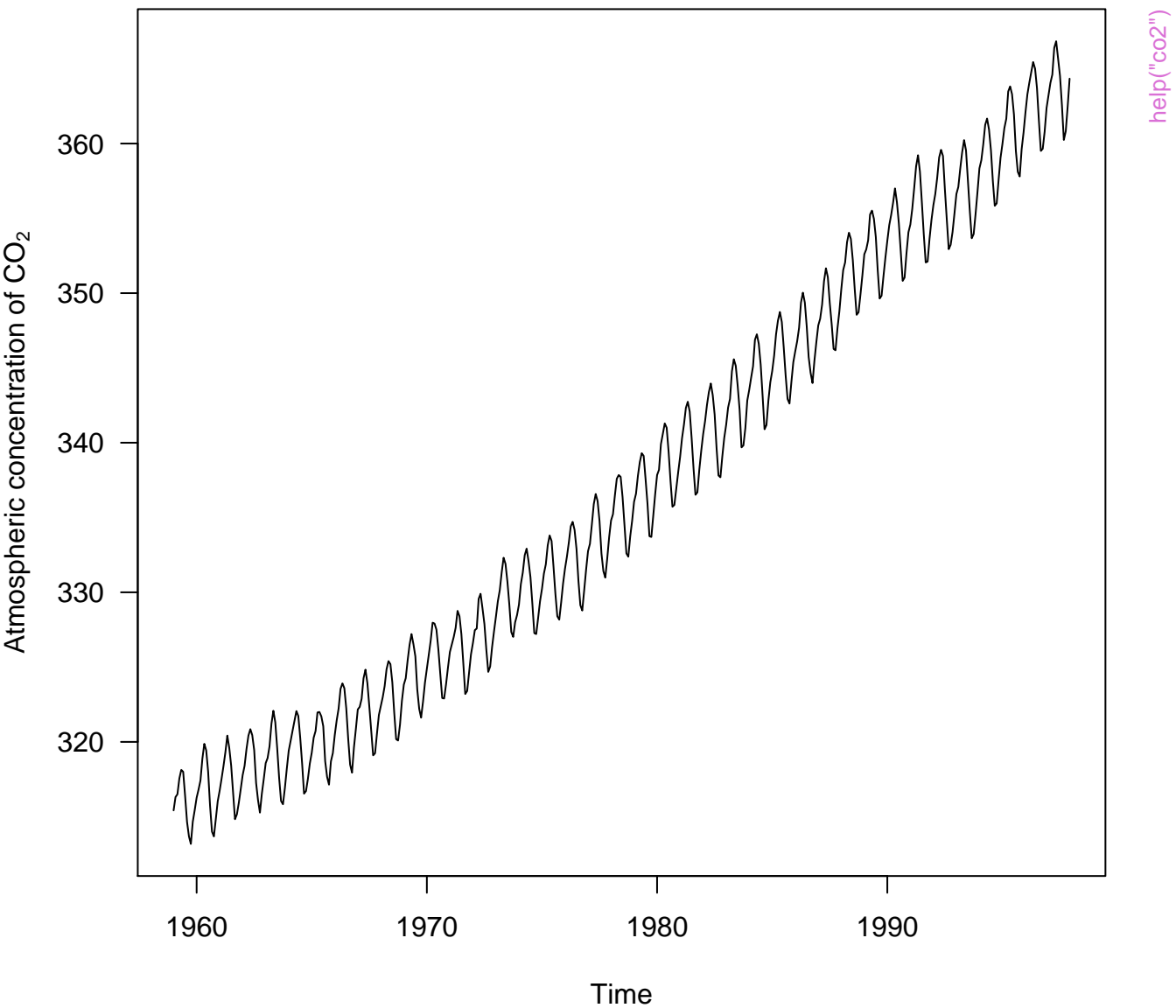
Scale-Location



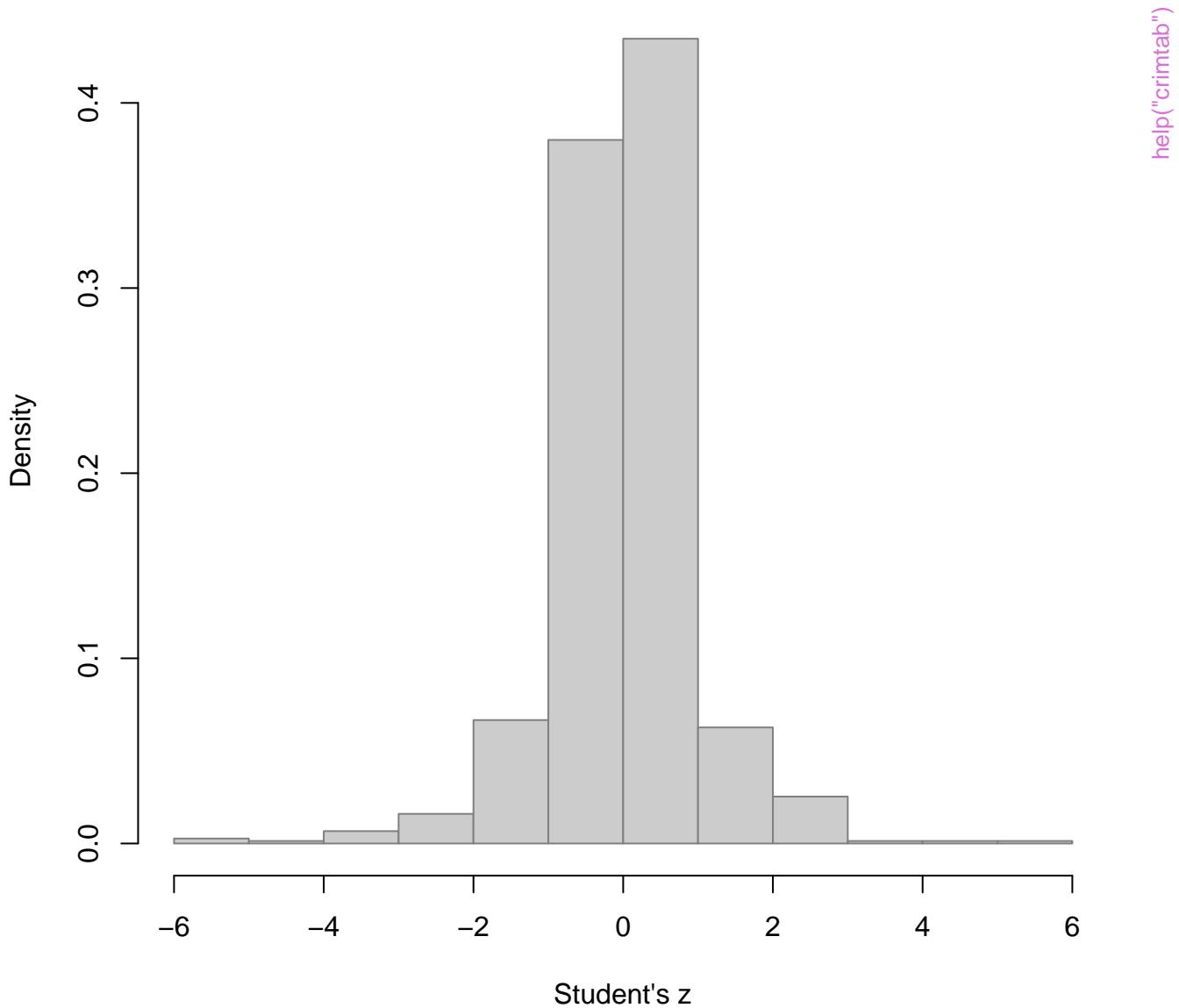
Residuals vs Leverage



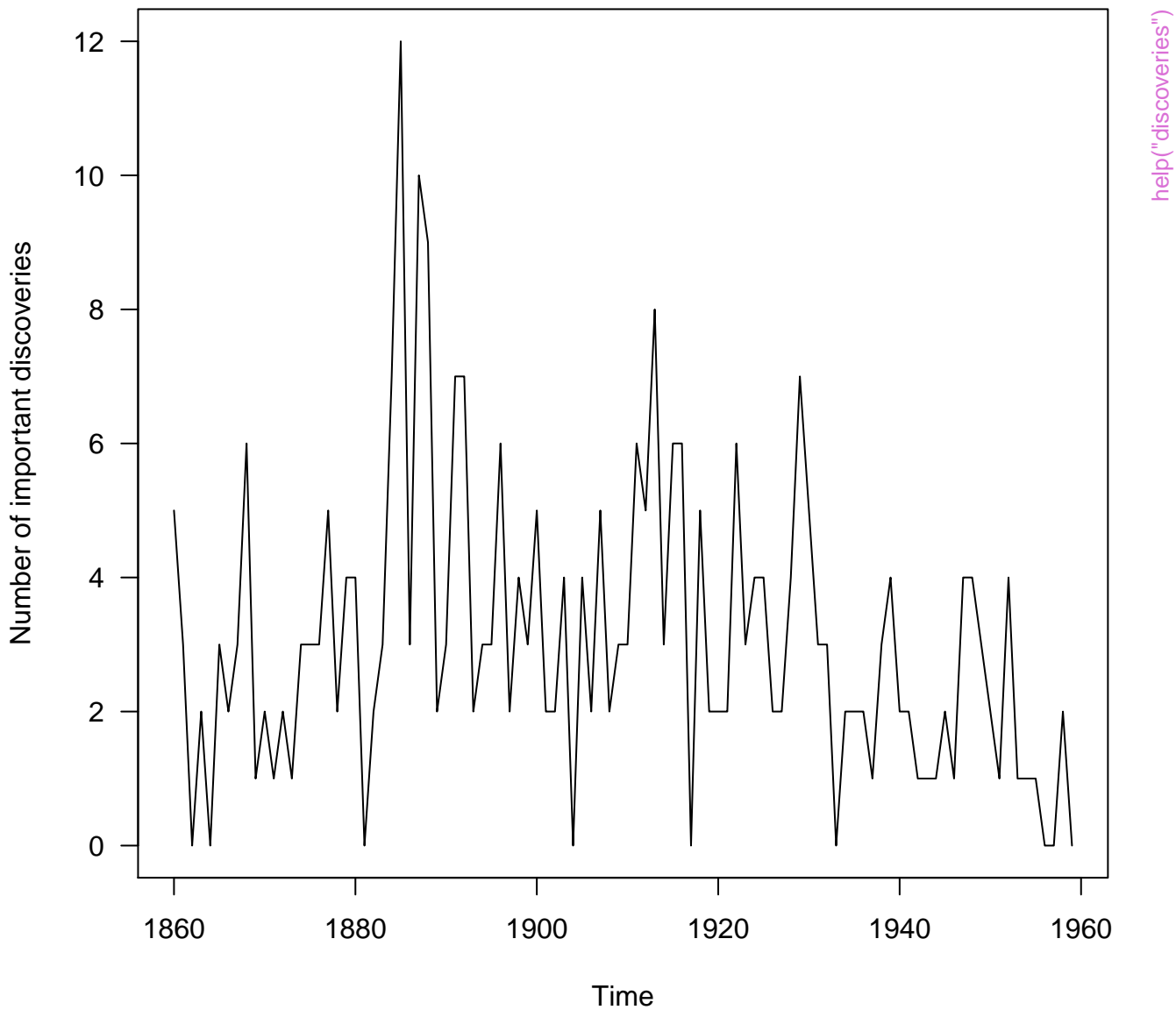
co2 data set



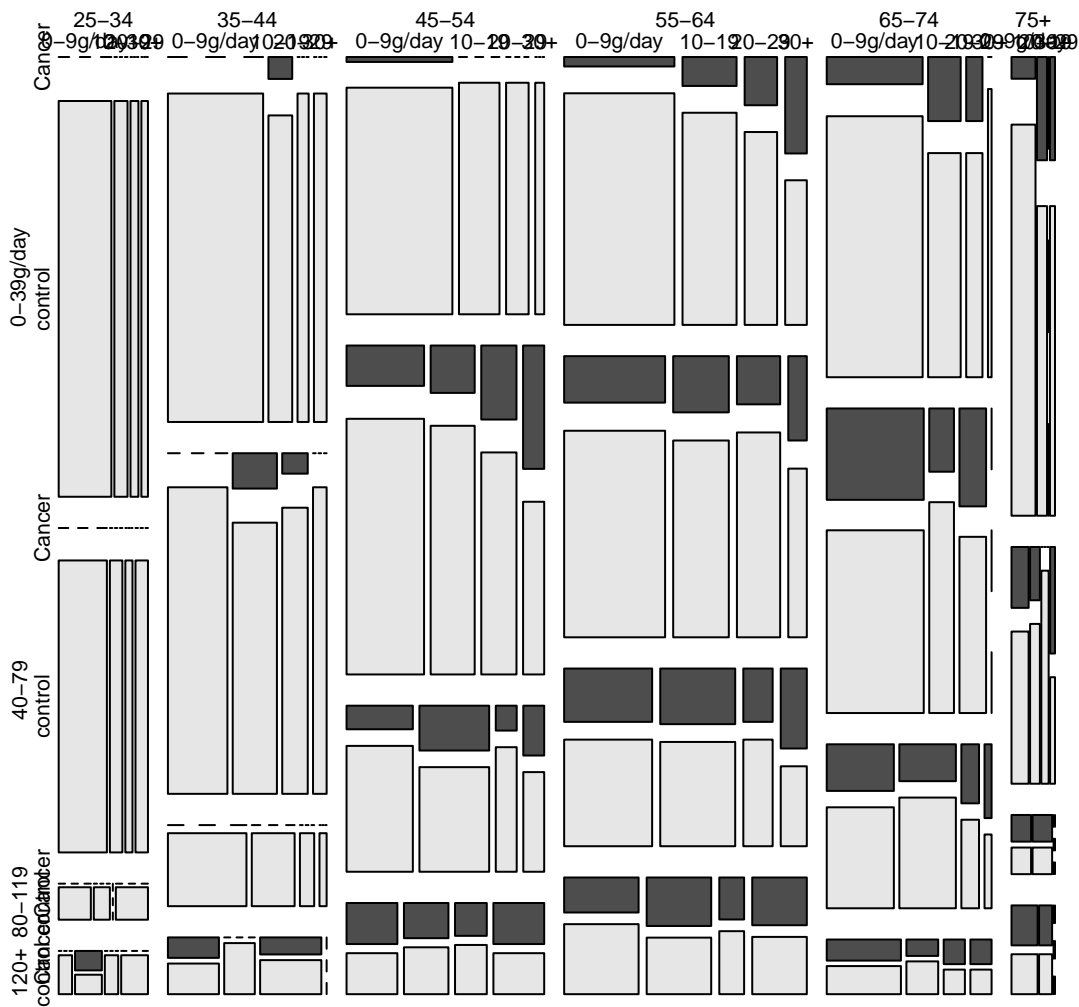
Distribution of Student's z score for 'crimtab' data



discoveries data set

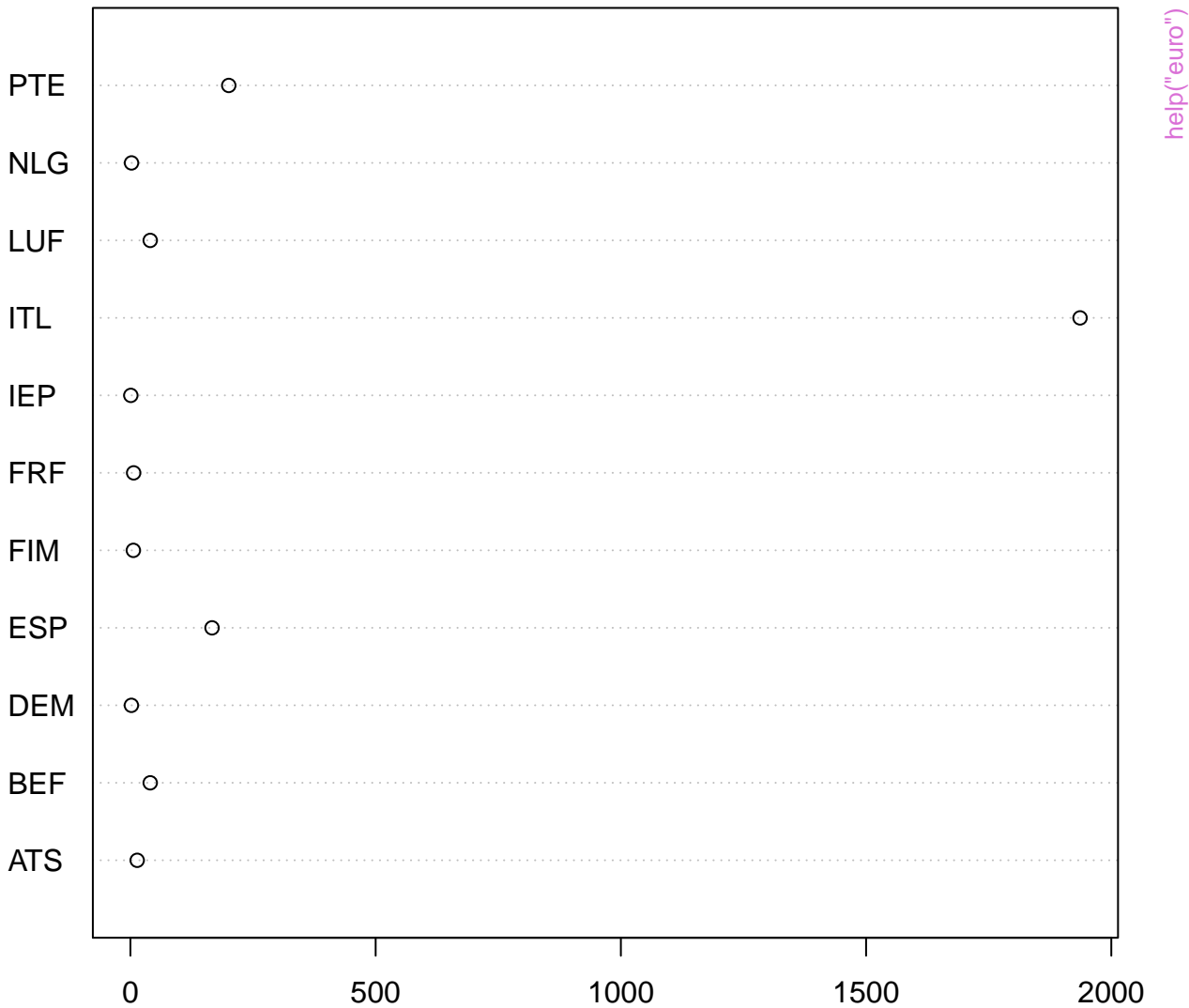


esoph data set

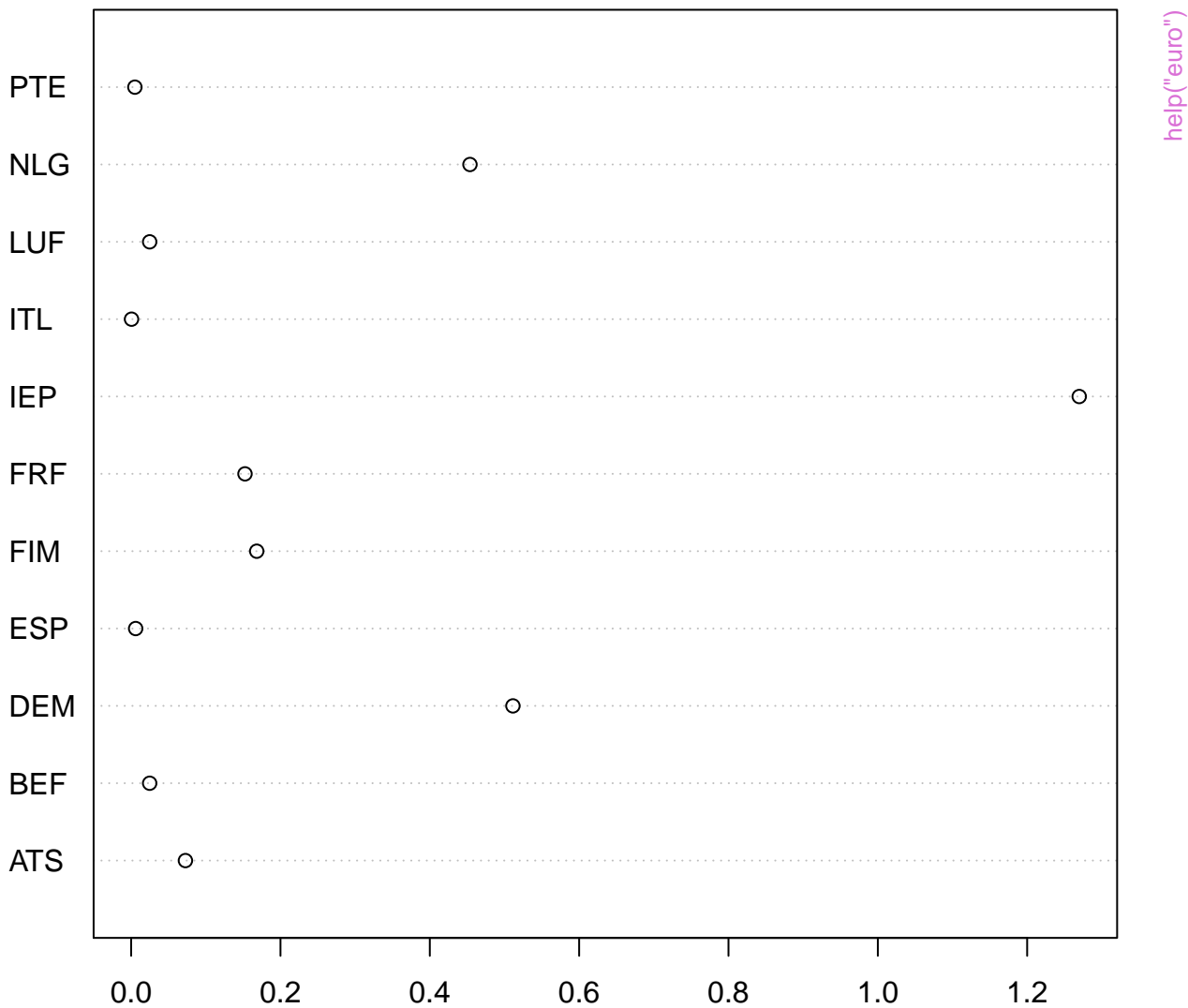


help("esoph")

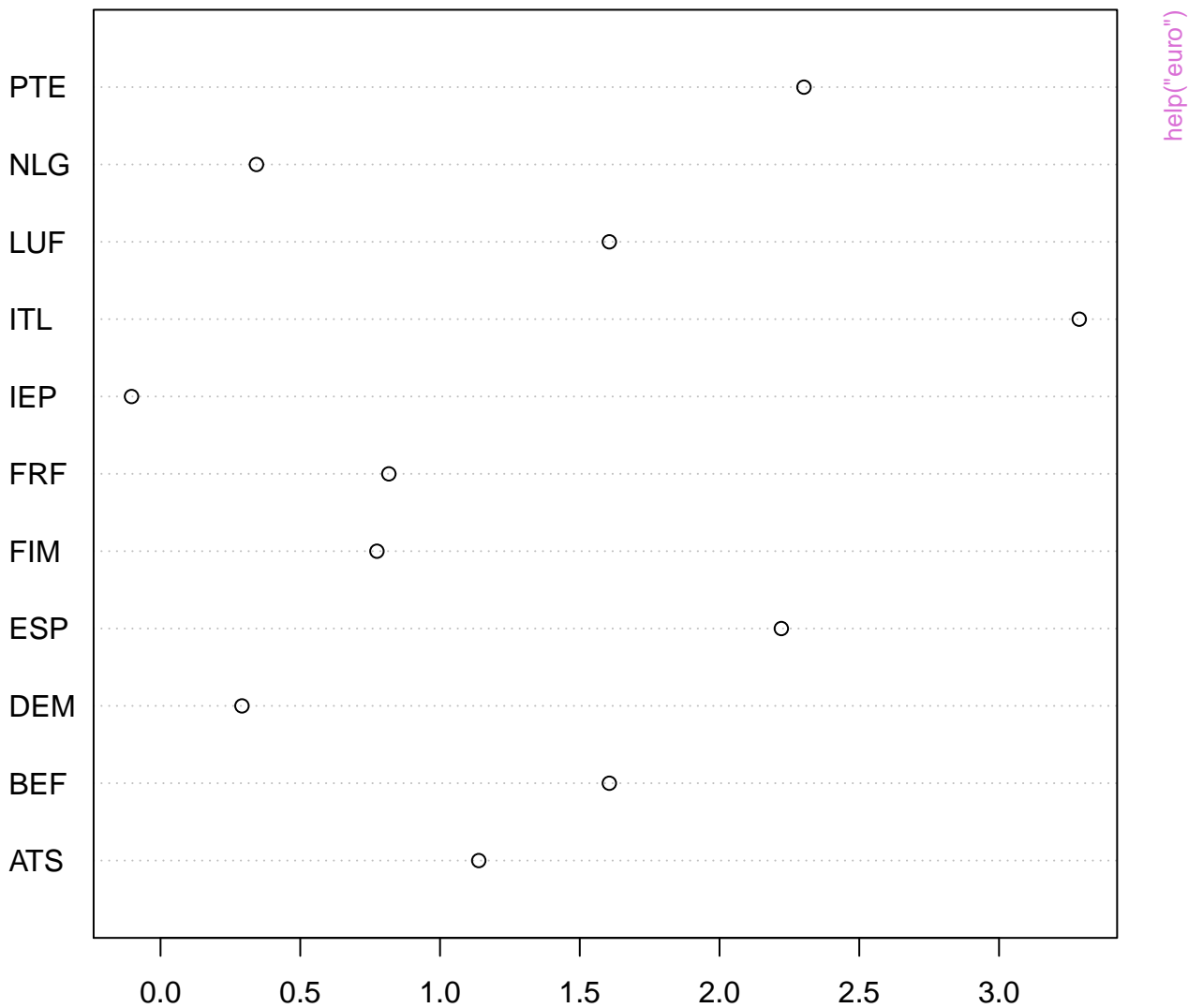
euro data: 1 Euro in currency unit



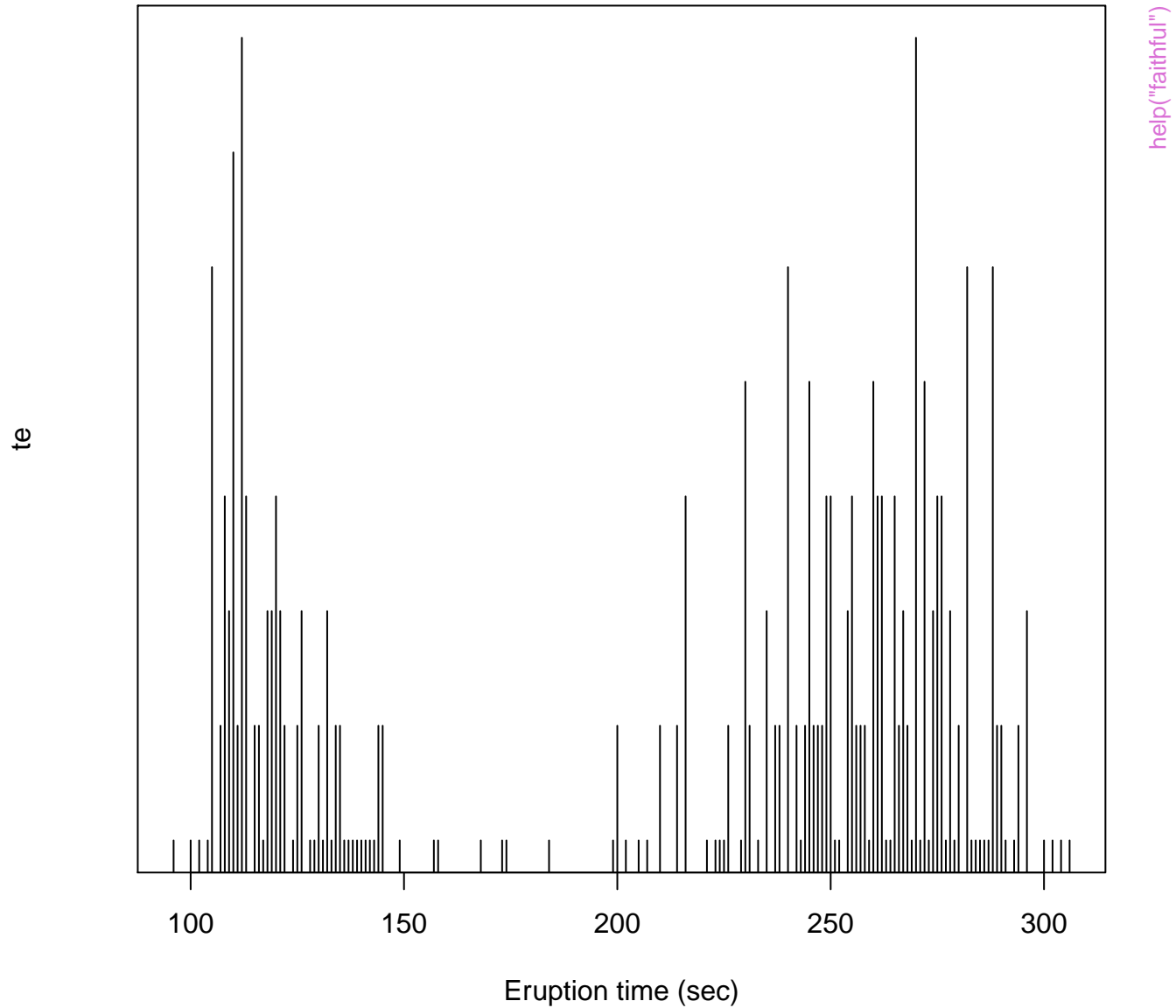
euro data: 1 currency unit in Euros



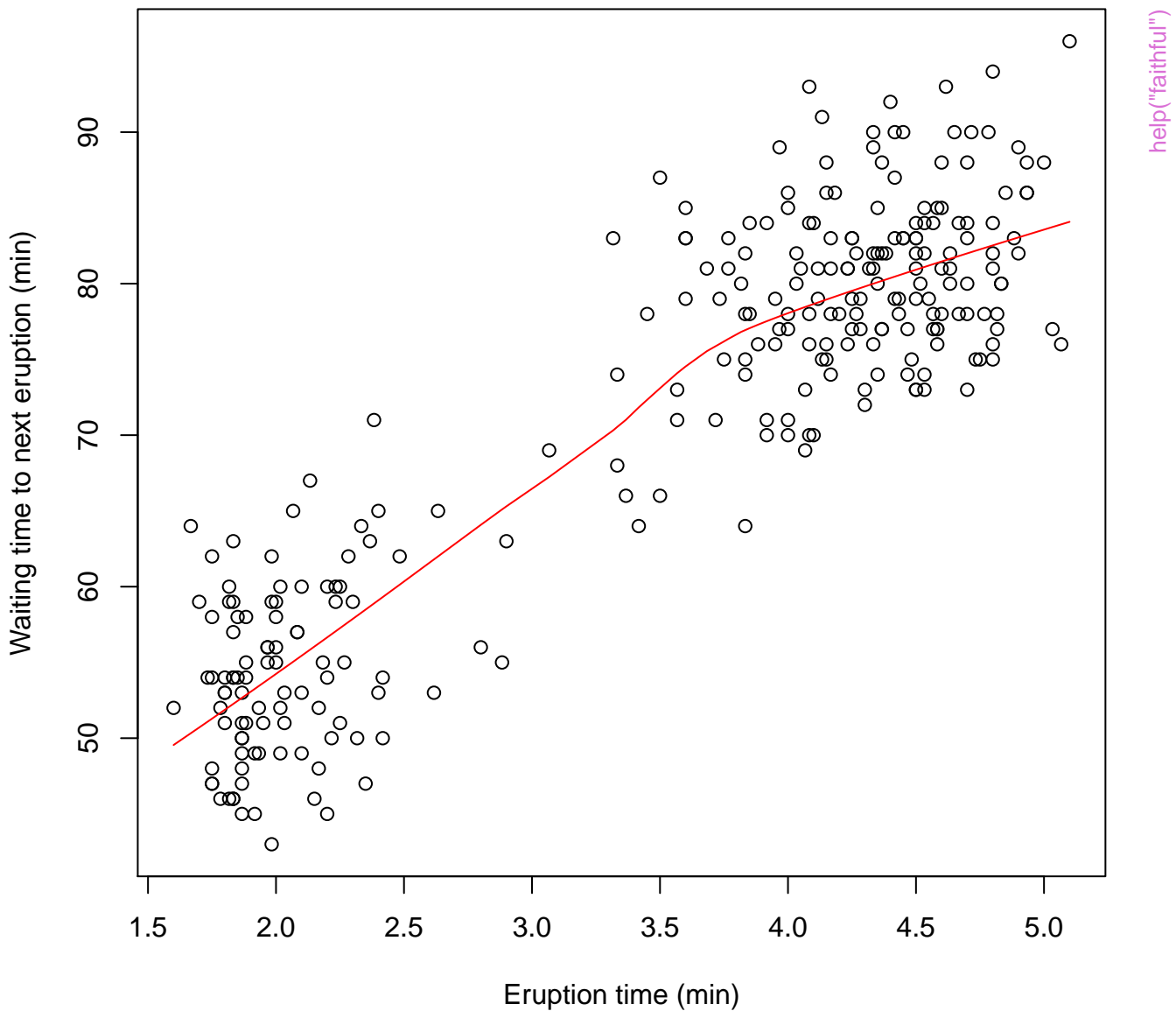
euro data: log₁₀(1 Euro in currency unit)



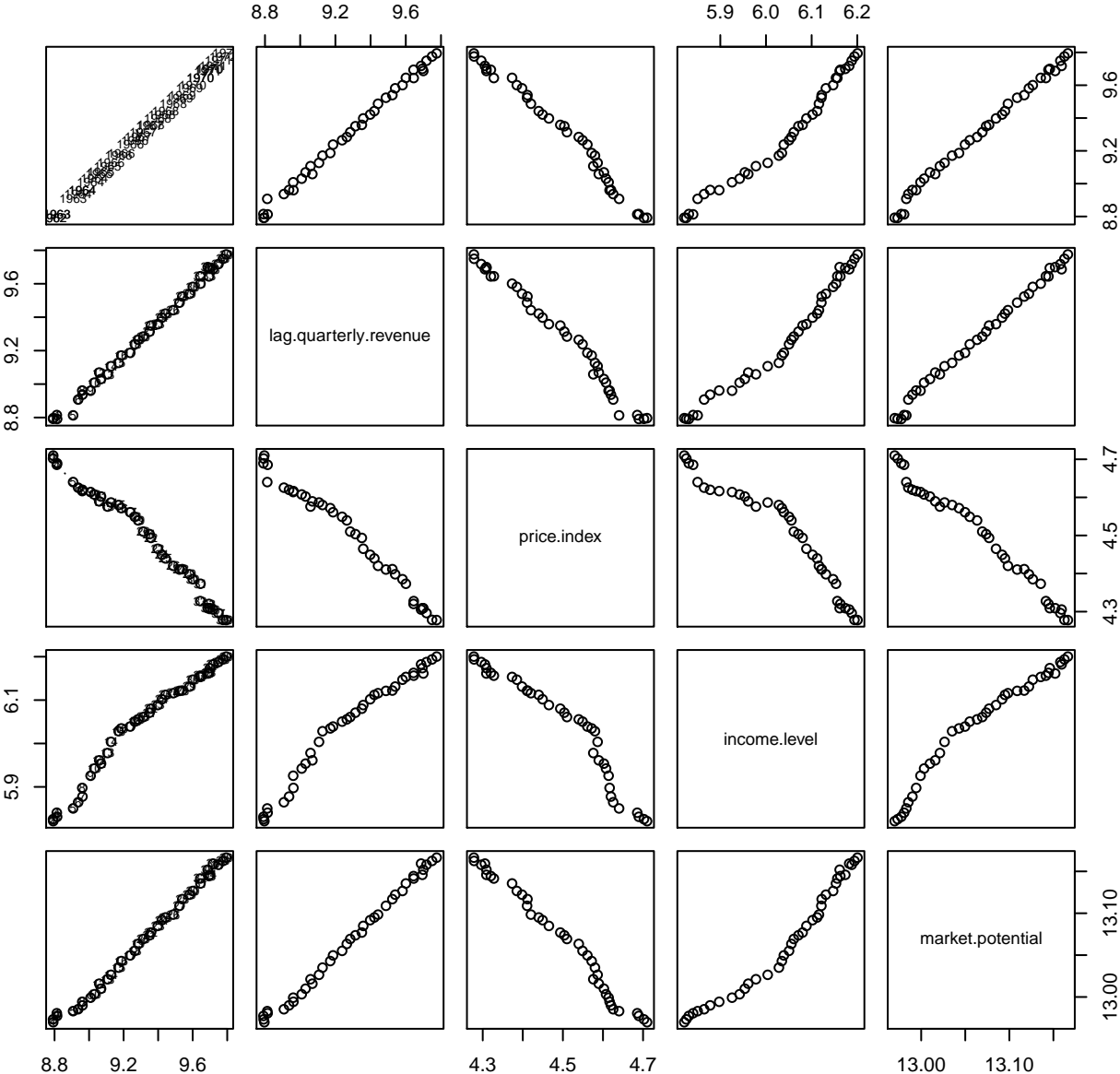
faithful data: Eruptions of Old Faithful



faithful data: Eruptions of Old Faithful

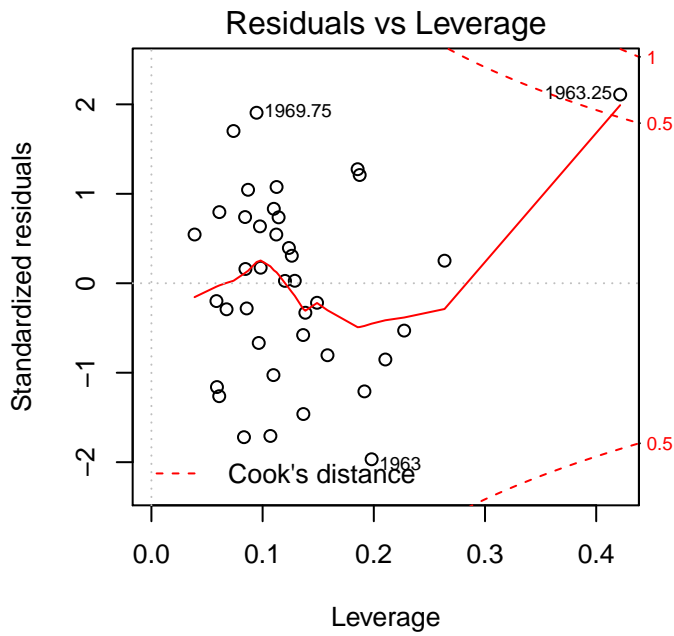
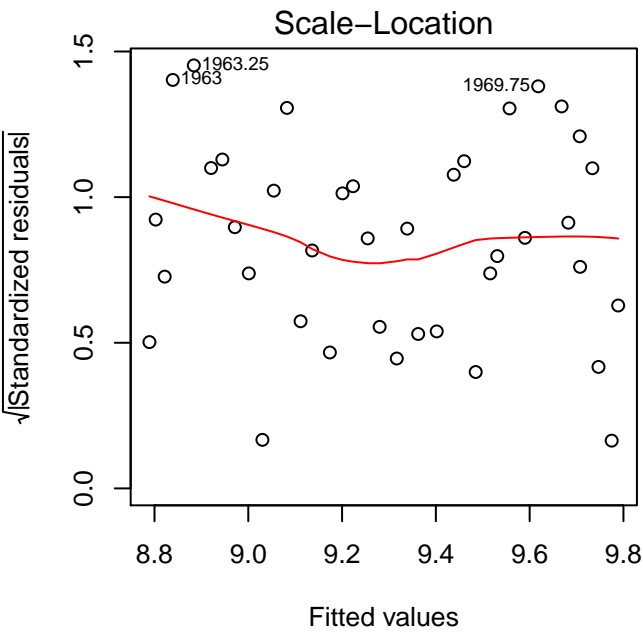
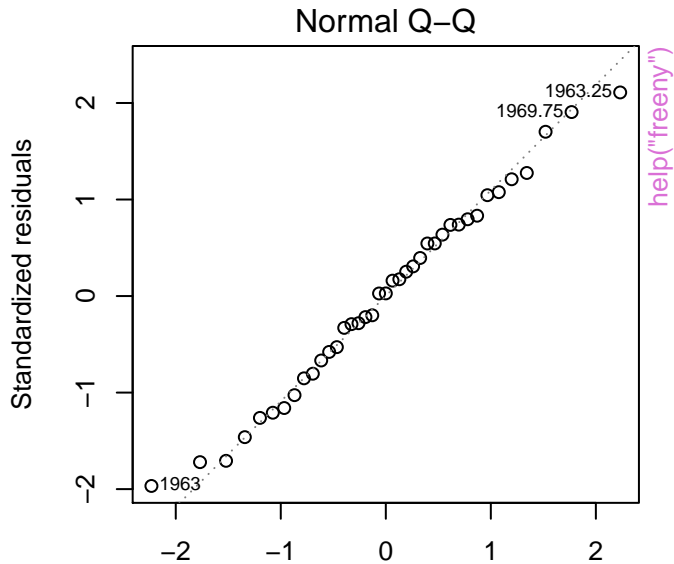
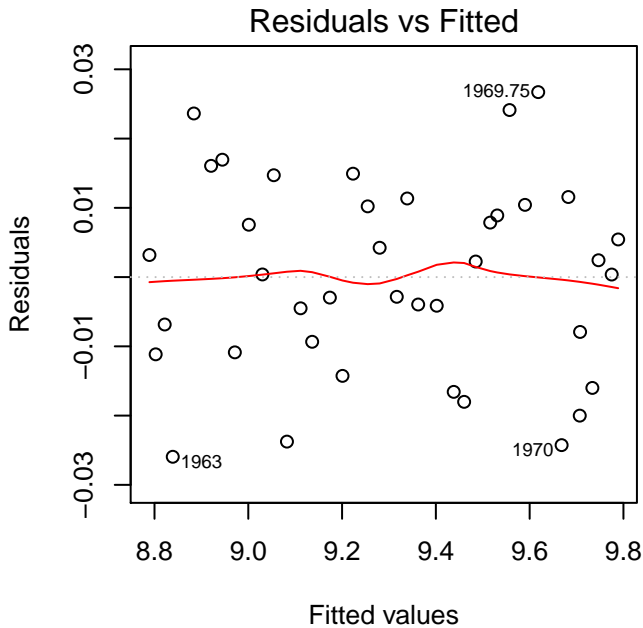


freeny data

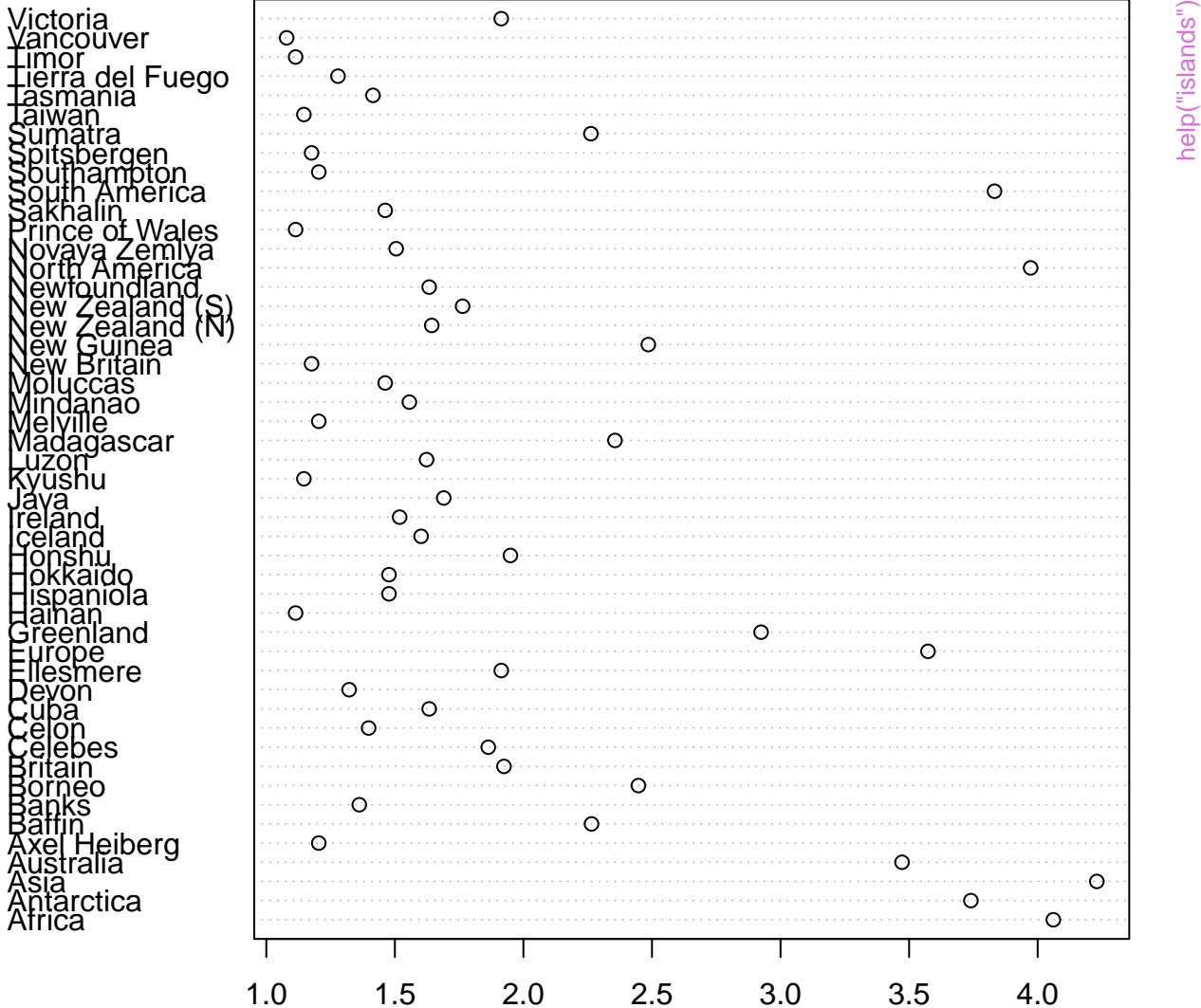


help("freeny")

$\text{lm}(y \sim .)$

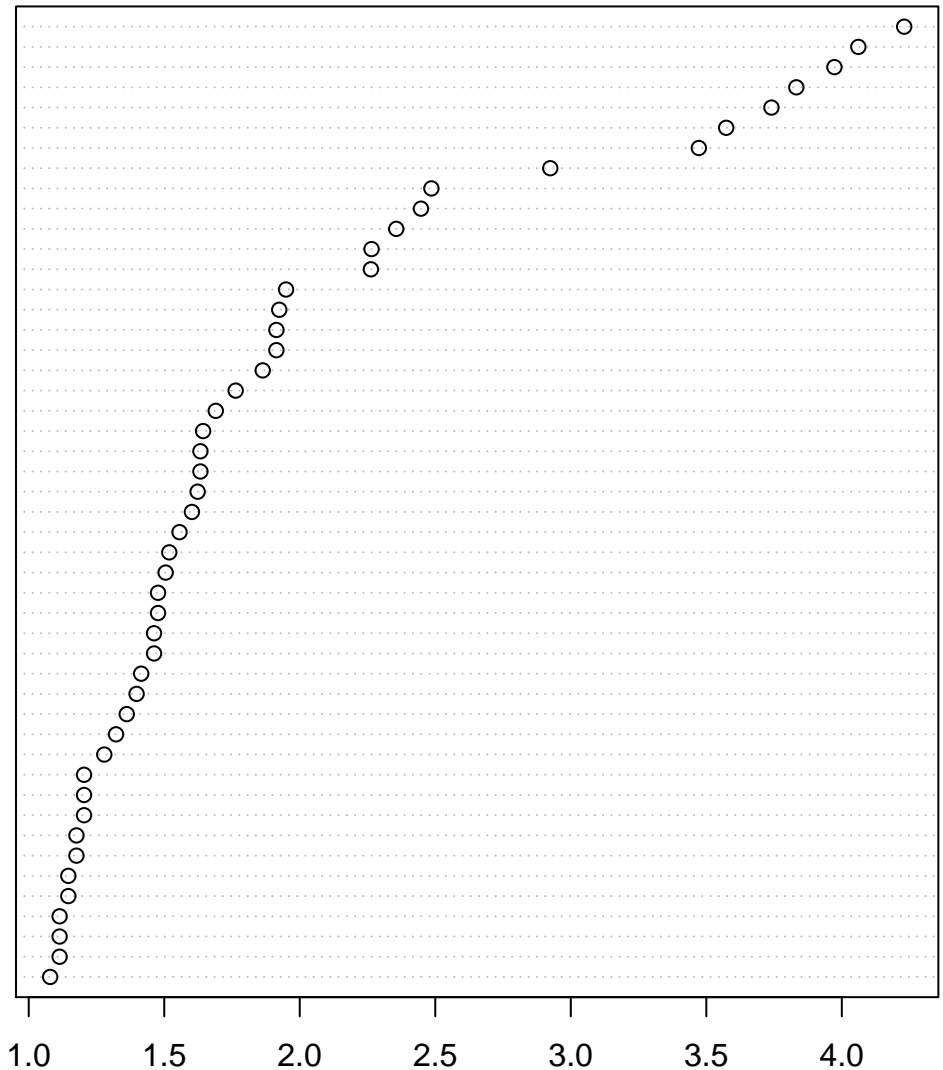


islands data: log10(area) (log10(sq. miles))



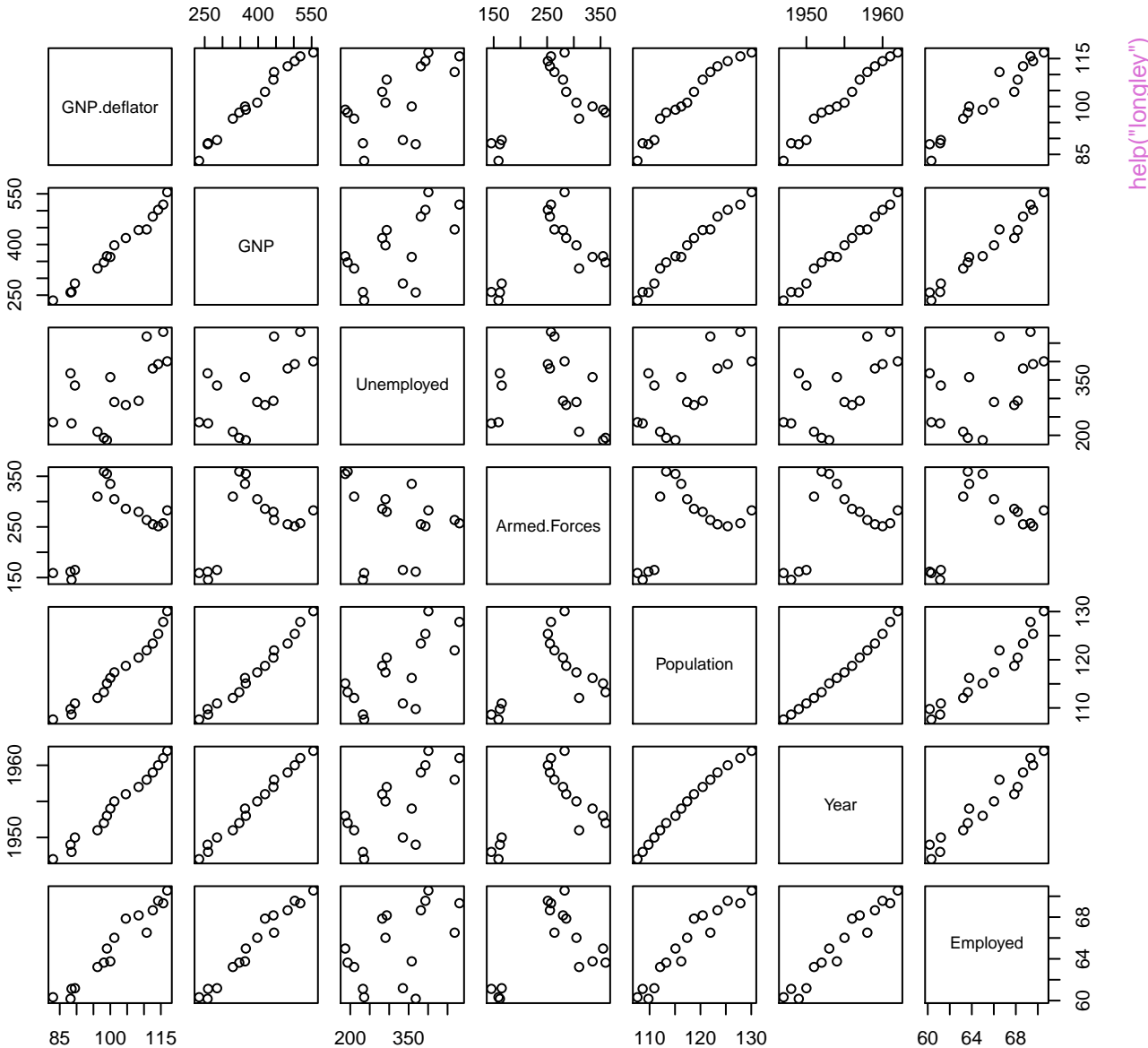
islands data: log10(area) (log10(sq. miles))

Asia
Africa
North America
South America
Antarctica
Europe
Australia
Greenland
New Guinea
Borneo
Madagascar
Barfin
Sumatra
Honshu
Britain
Victoria
Ellesmere
Celebes
New Zealand (S)
Java
New Zealand (N)
Newfoundland
Cuba
Luzon
Iceland
Mindanao
Ireland
Novaya Zemlya
Hokkaido
Hispaniola
Sakhalin
Moluccas
Tasmania
Celon
Banks
Devon
Tierra del Fuego
Southampton
Melville
Axel Heiberg
Spitsbergen
New Britain
Taiwan
Kyushu
Timor
Prince of Wales
Hainan
Vancouver



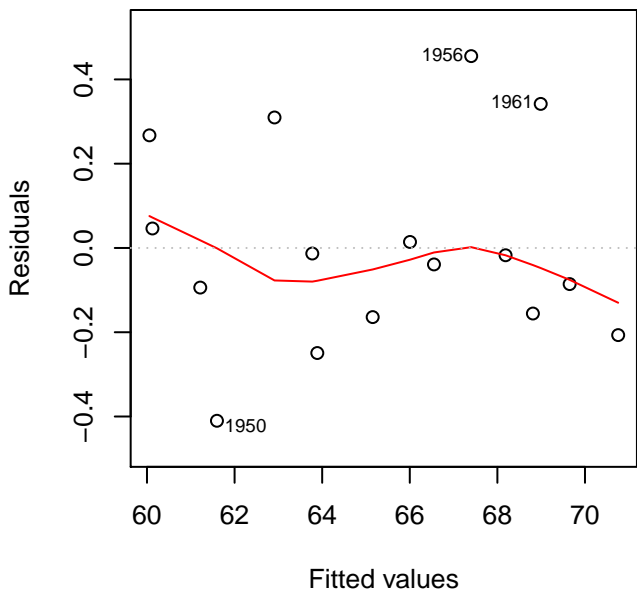
help("islands")

longley data

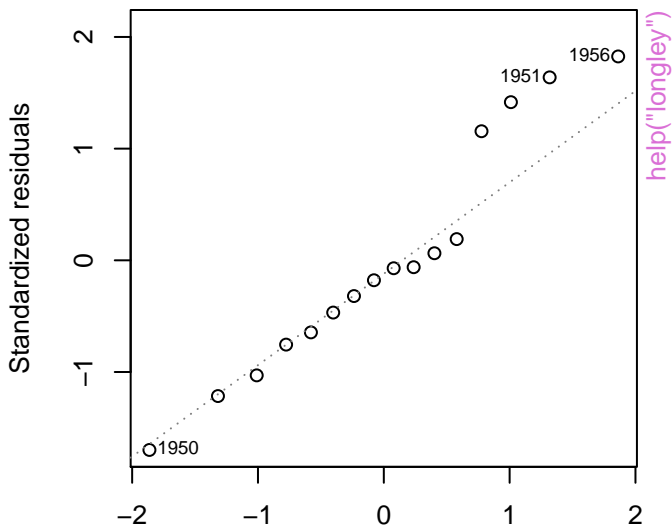


lm(Employed ~ .)

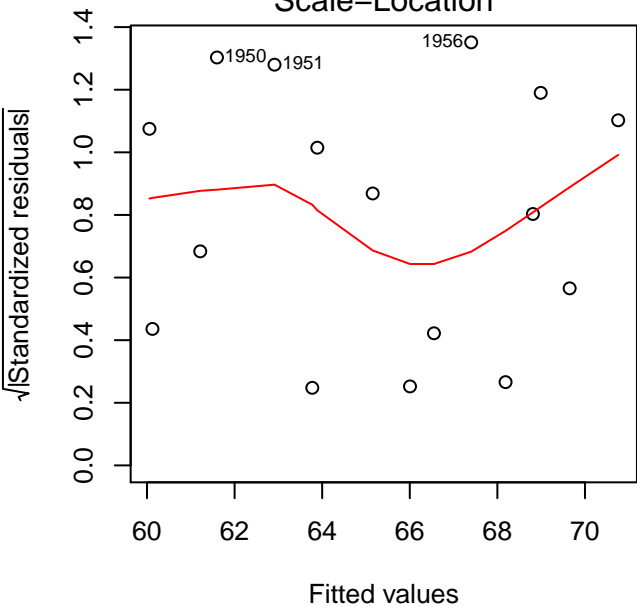
Residuals vs Fitted



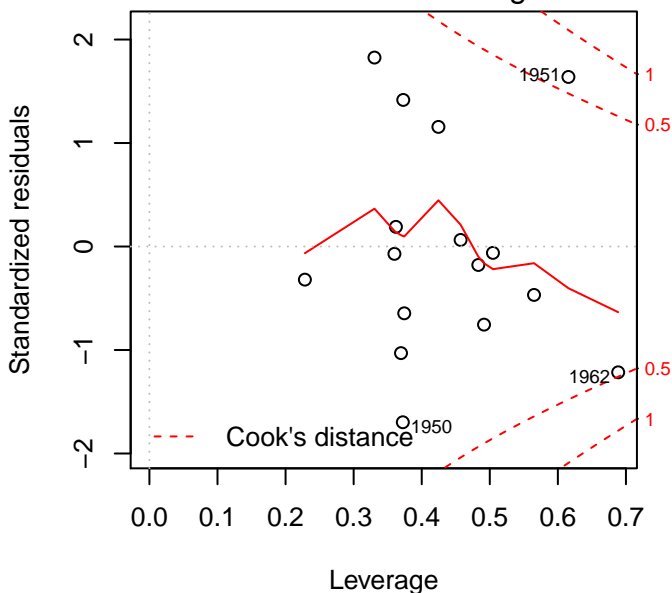
Normal Q-Q



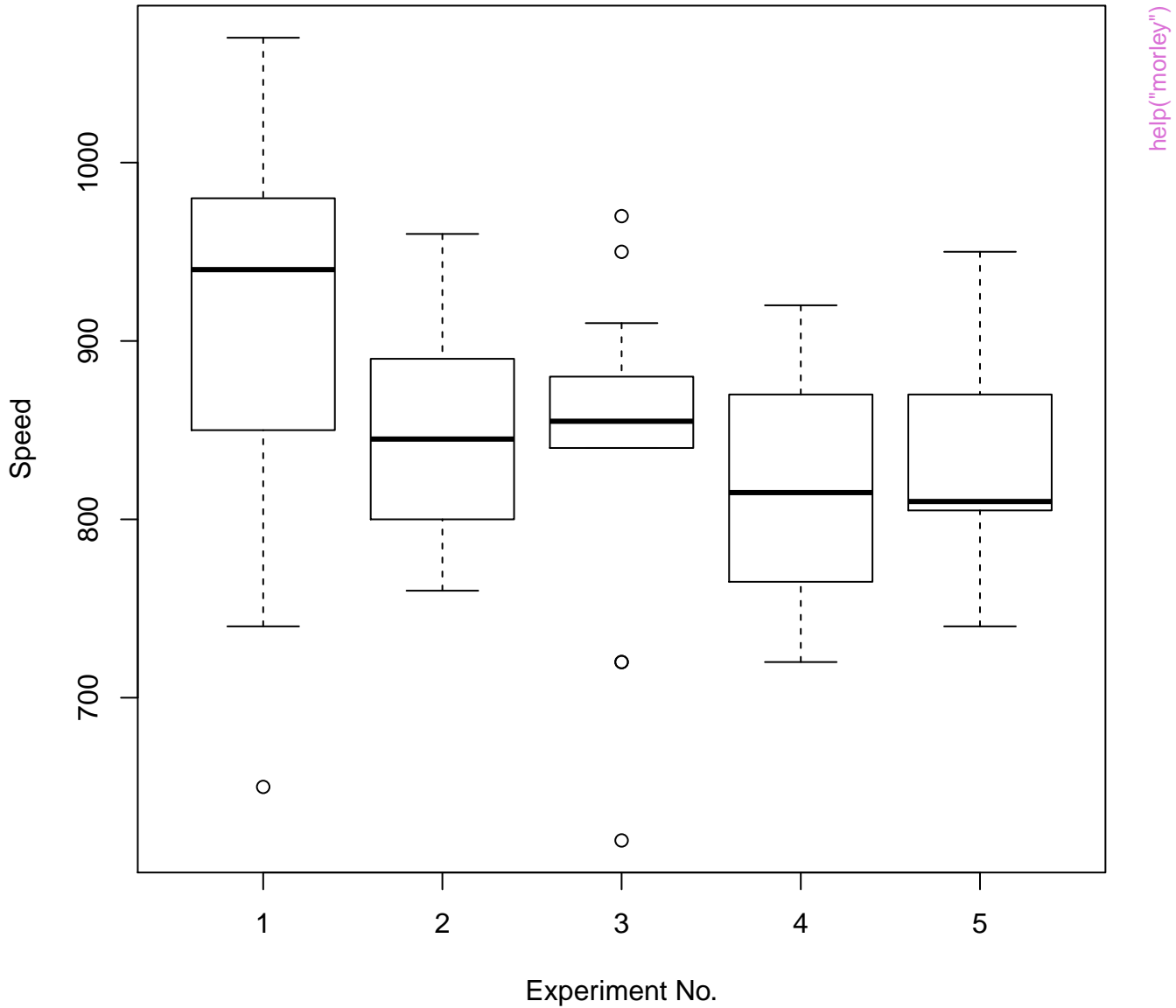
Scale-Location



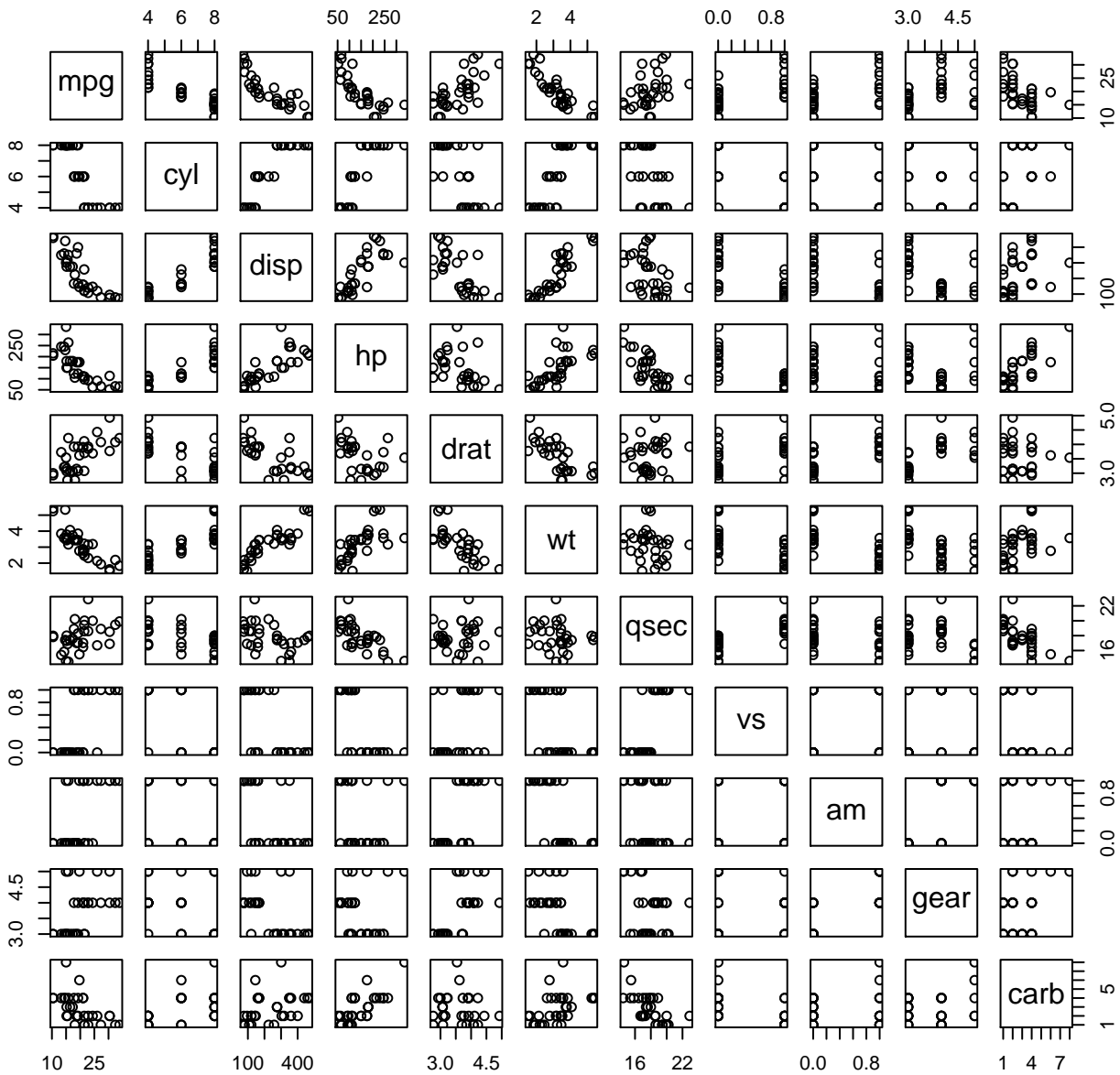
Residuals vs Leverage



Speed of Light Data

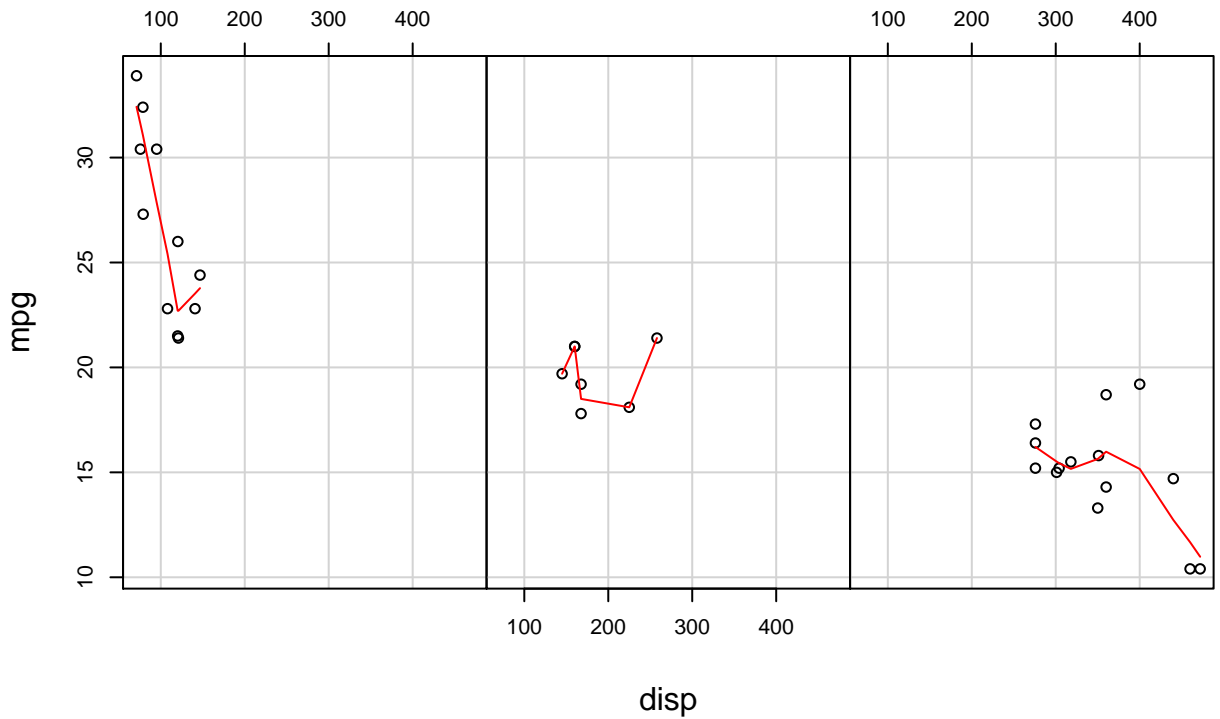
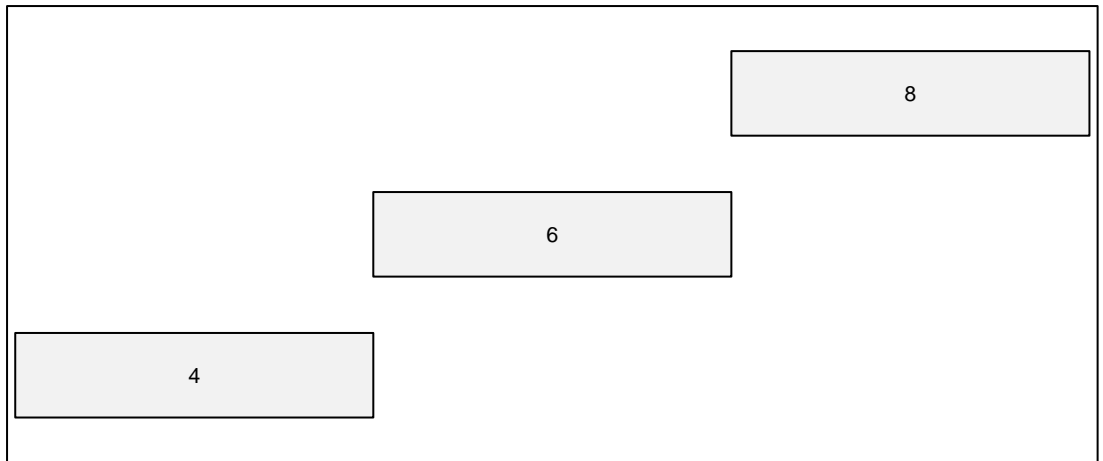


mtcars data



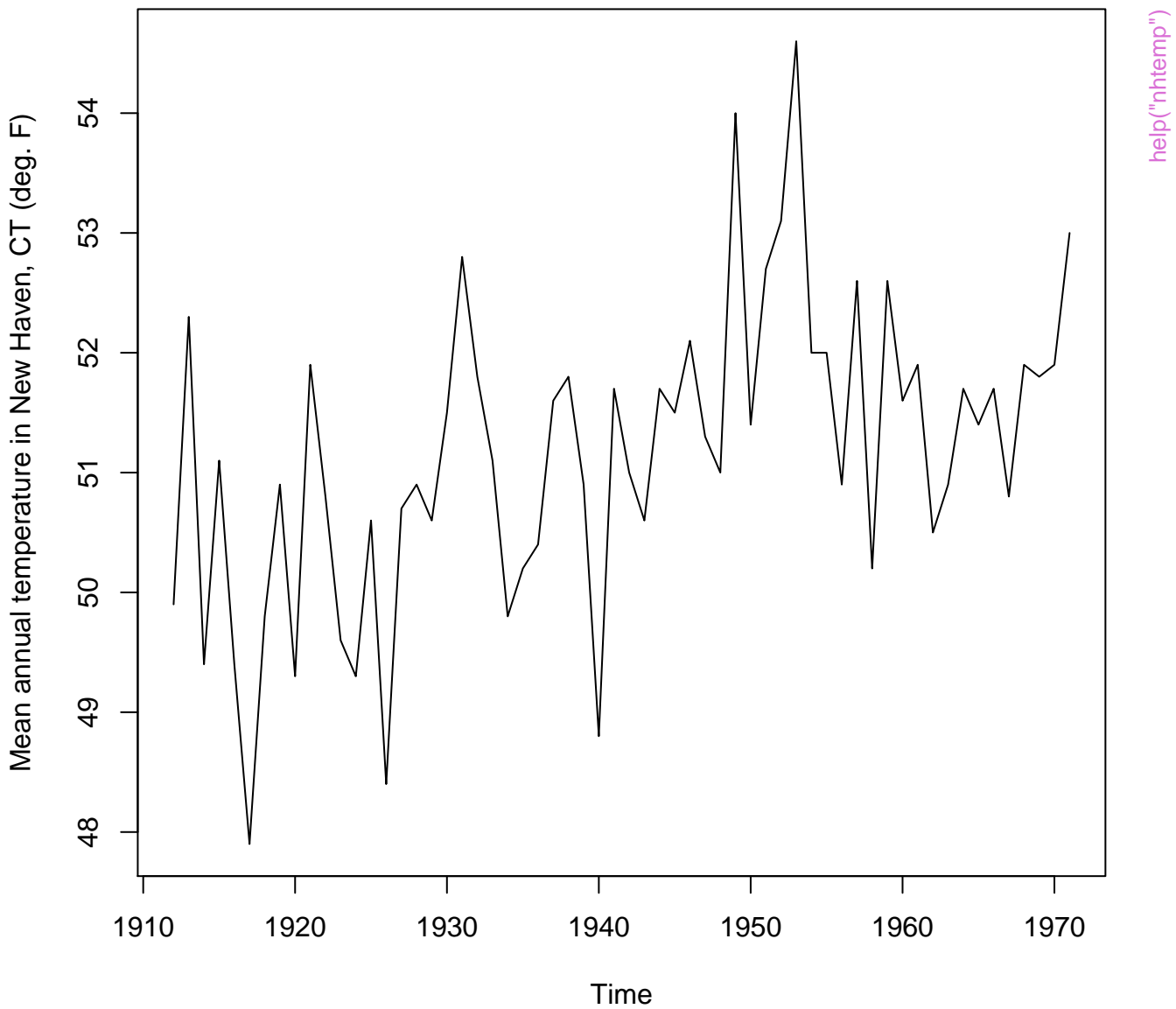
help("mtcars")

Given : as.factor(cyl)

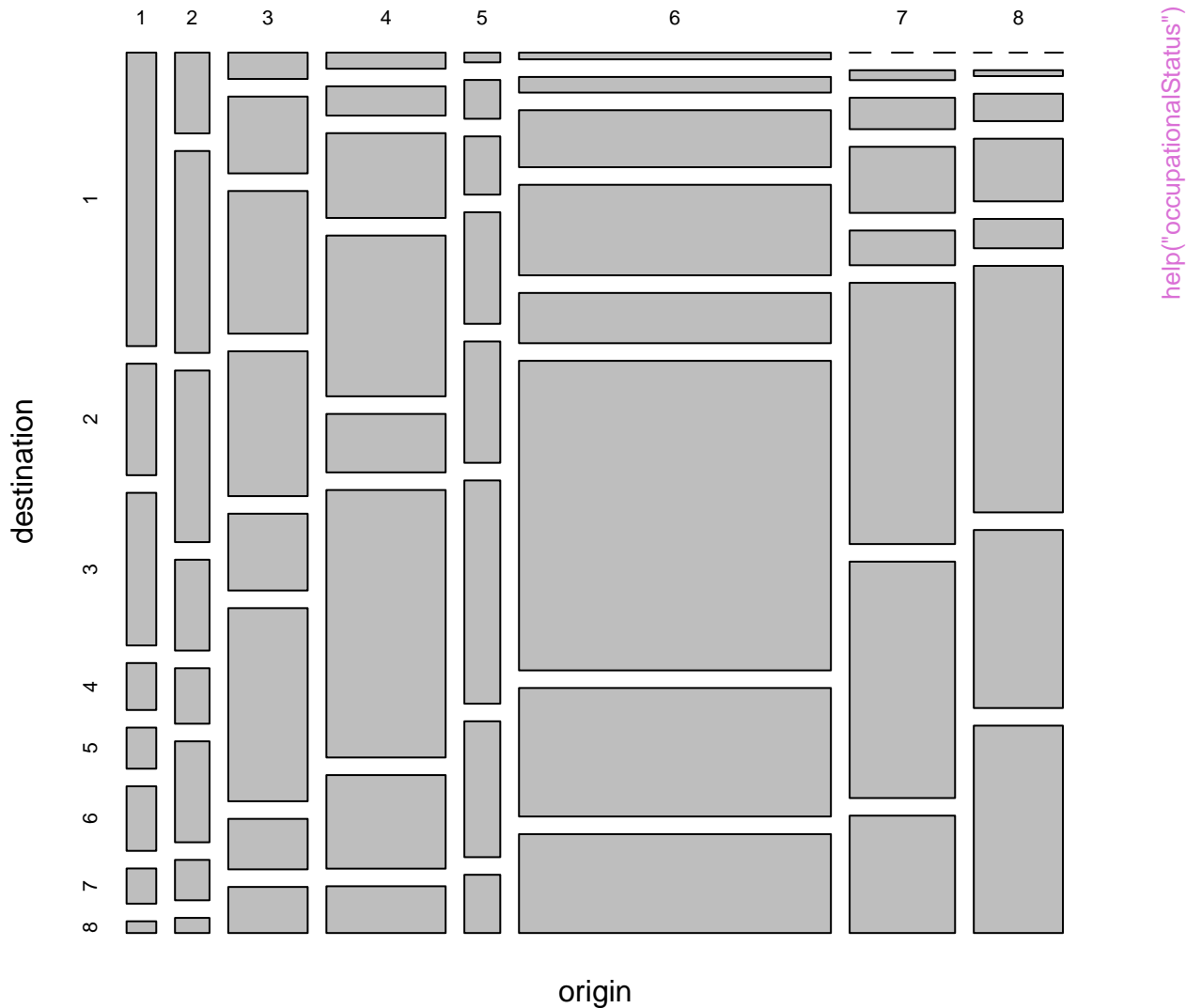


help("mtcars")

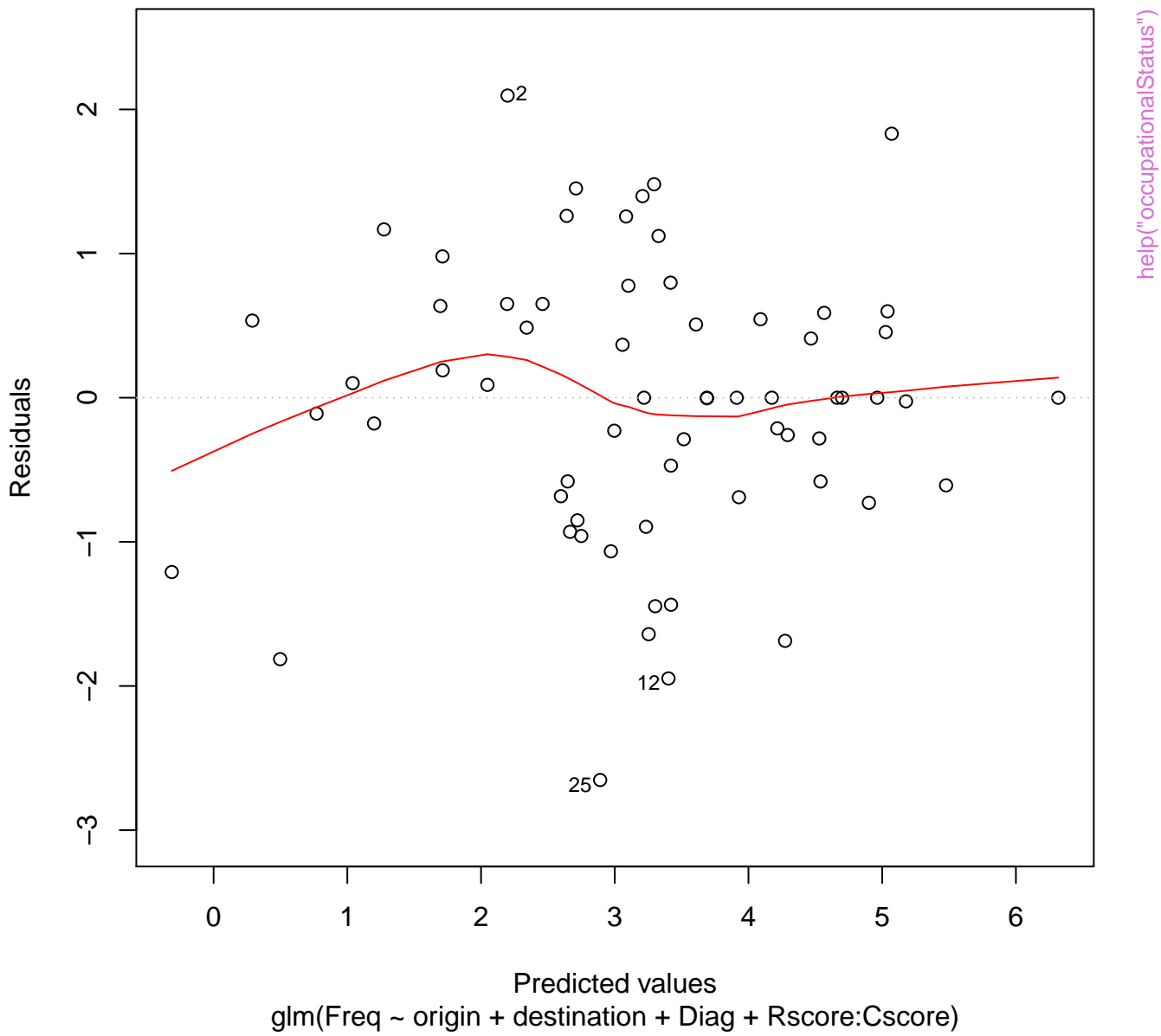
nhtemp data



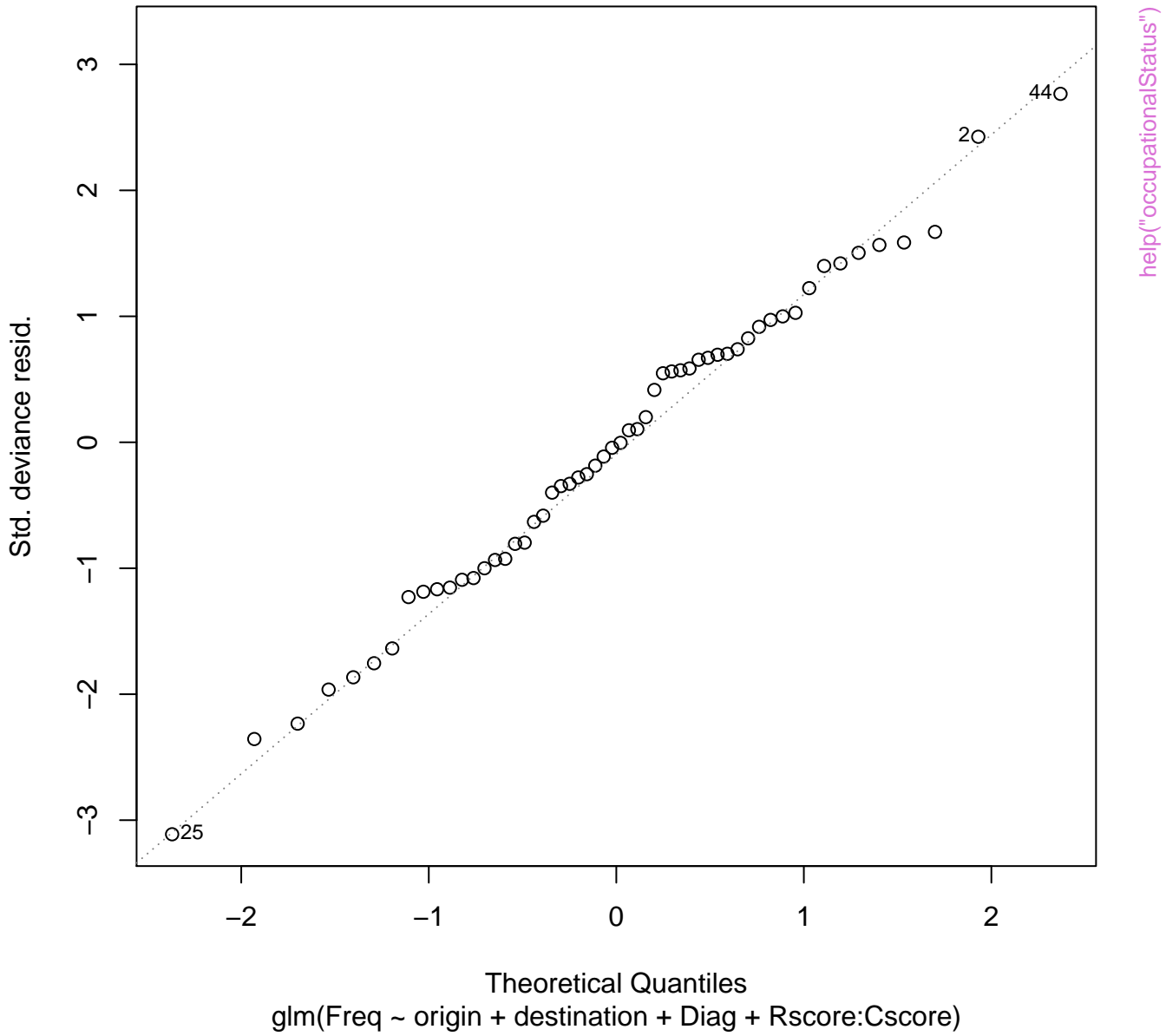
occupationalStatus

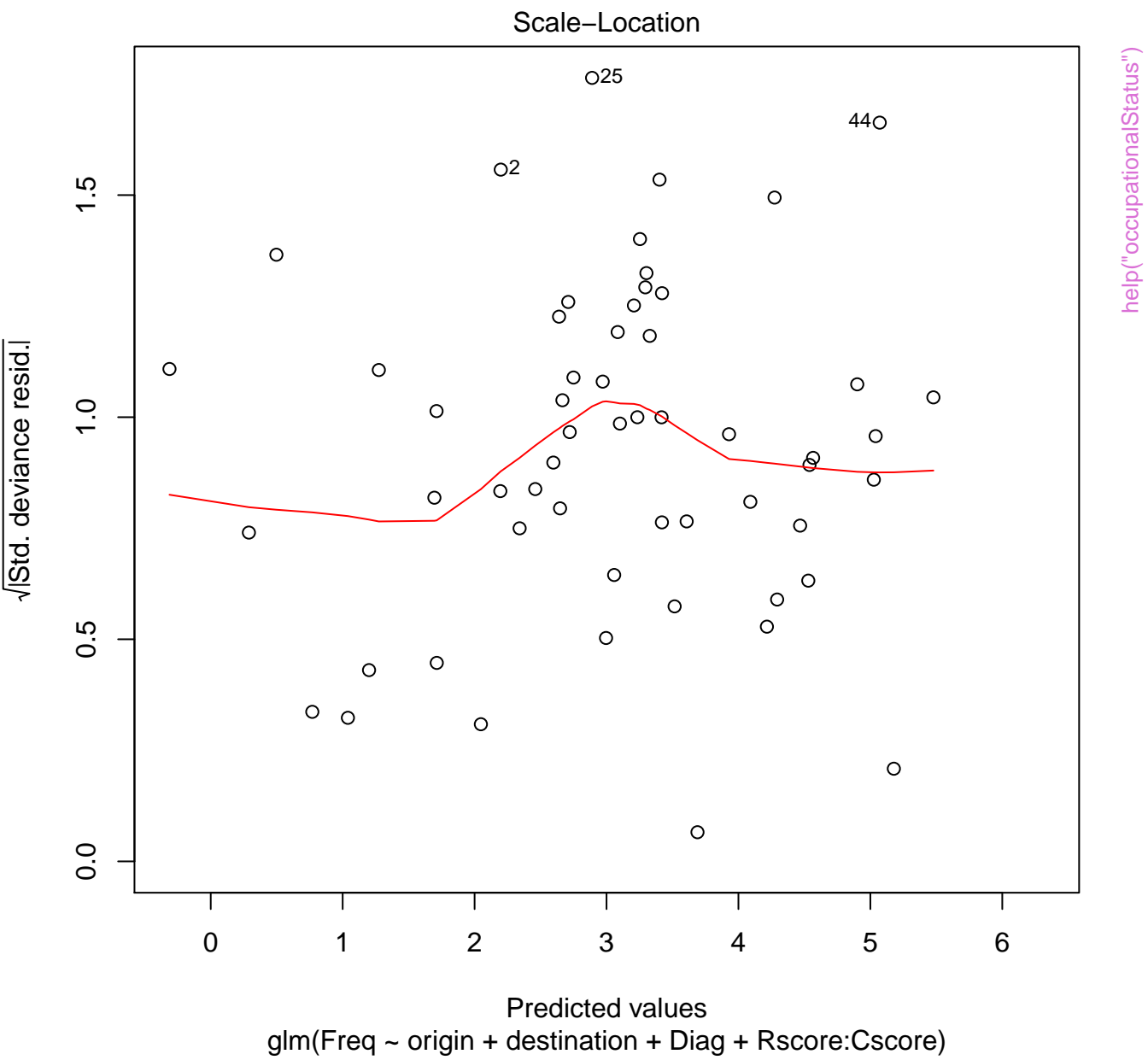


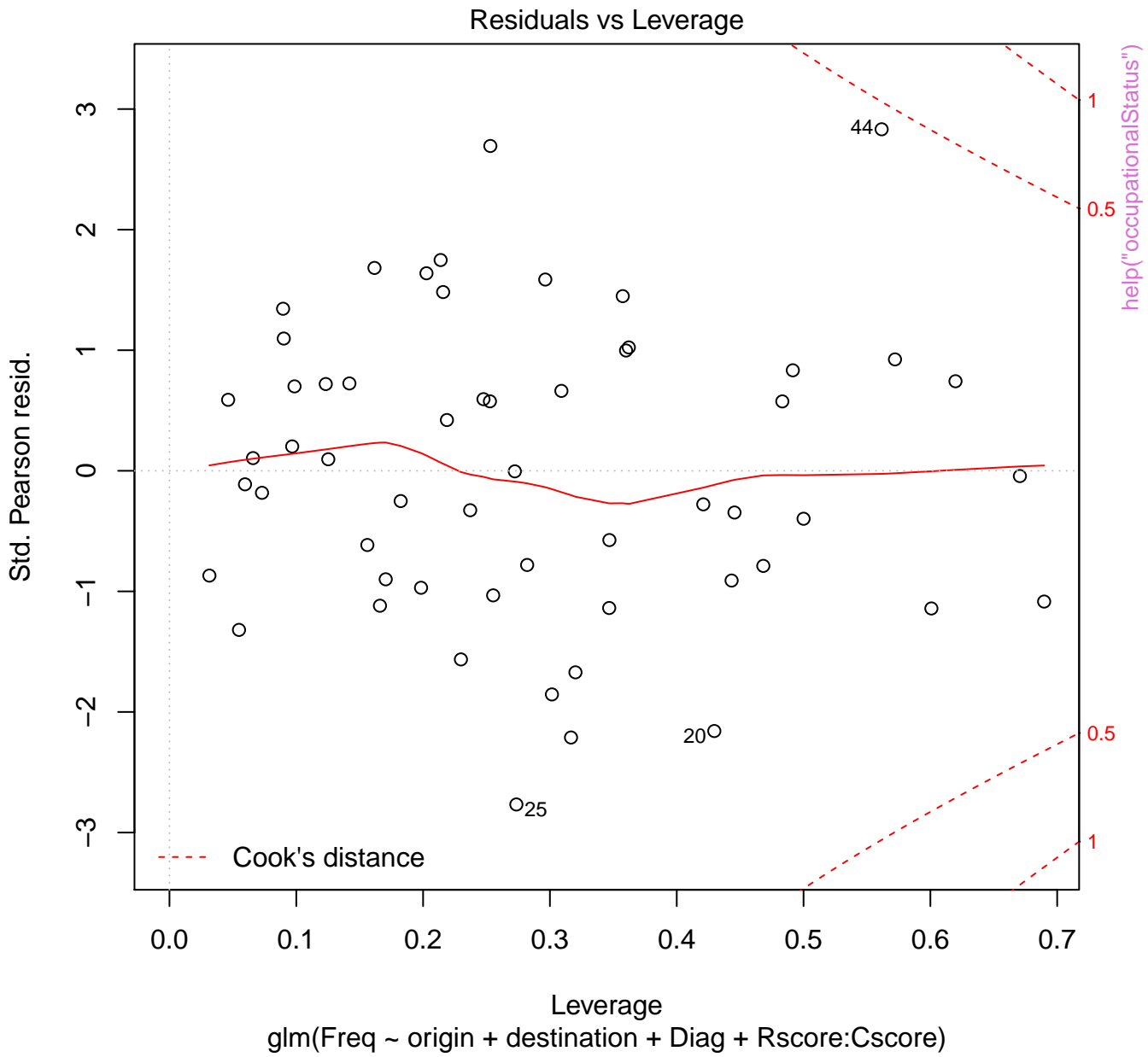
Residuals vs Fitted



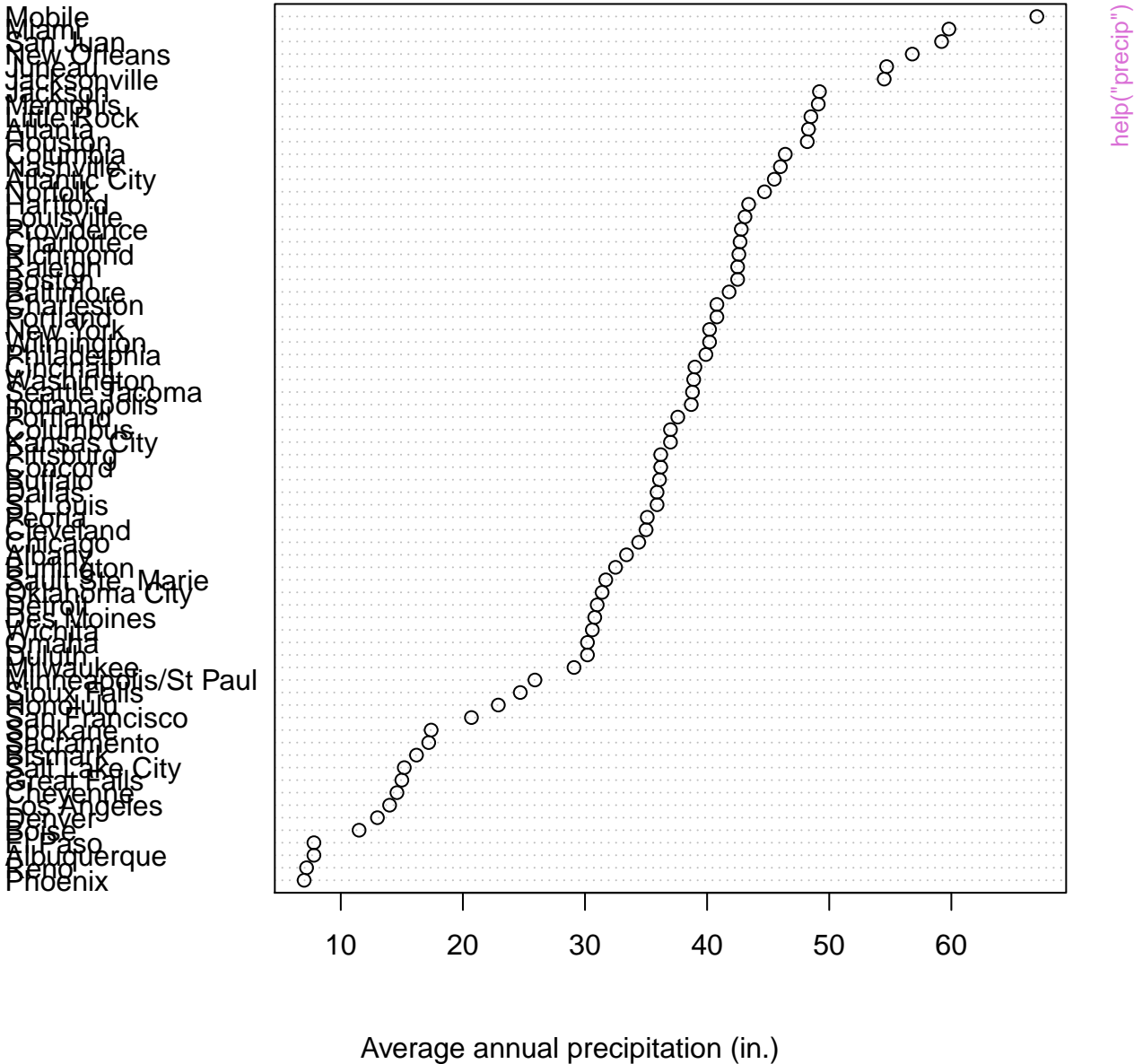
Normal Q-Q



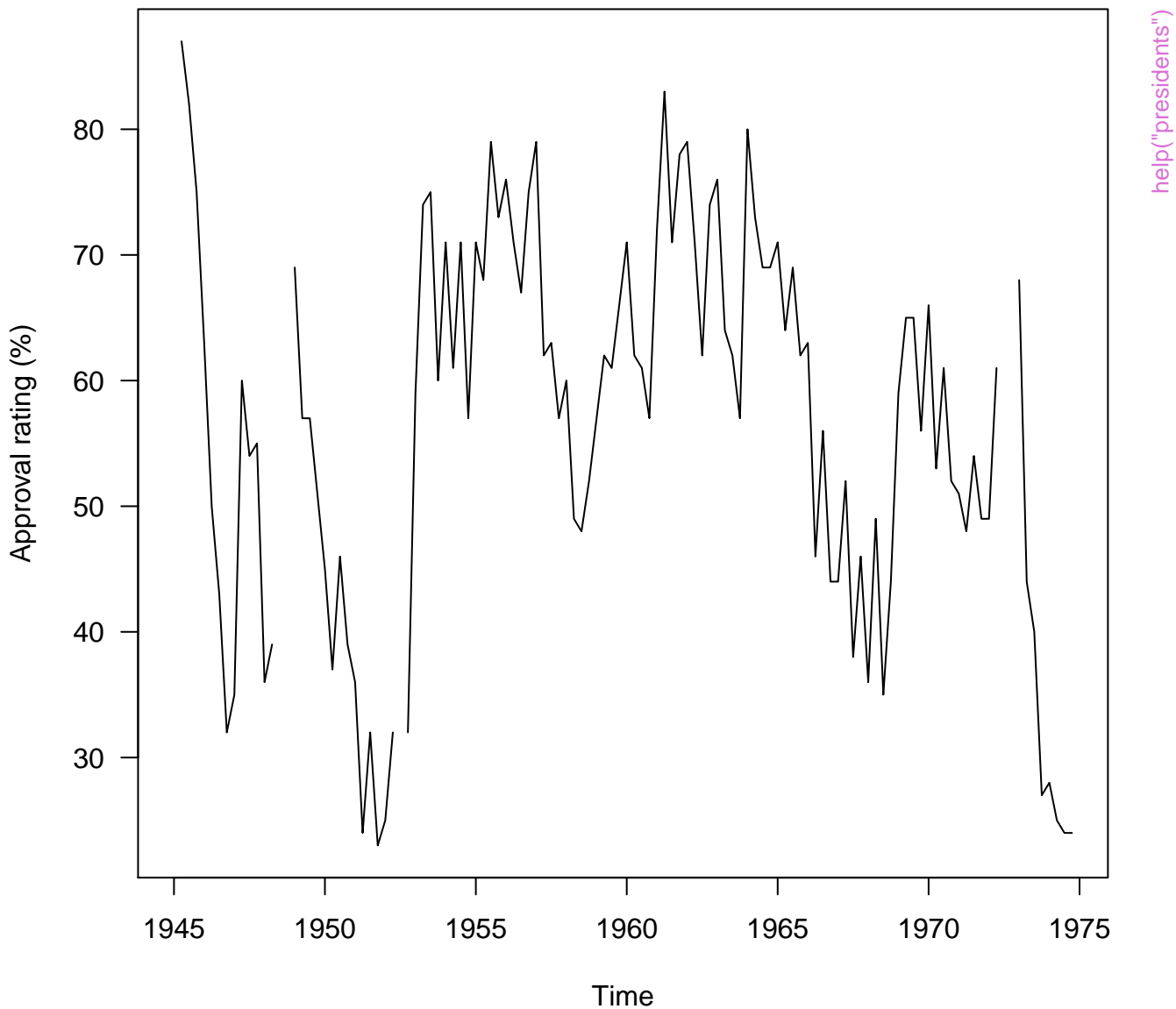




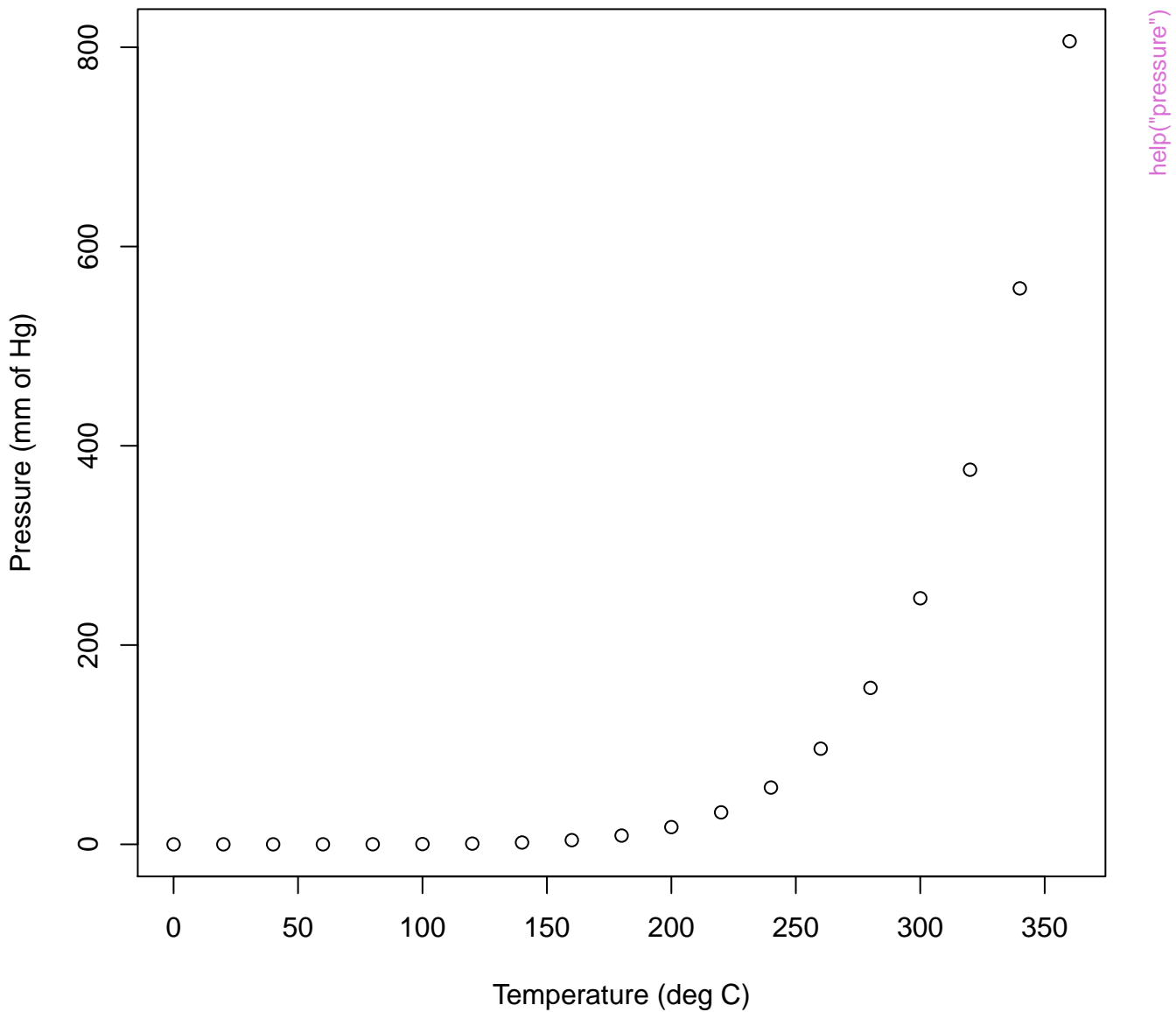
precip data



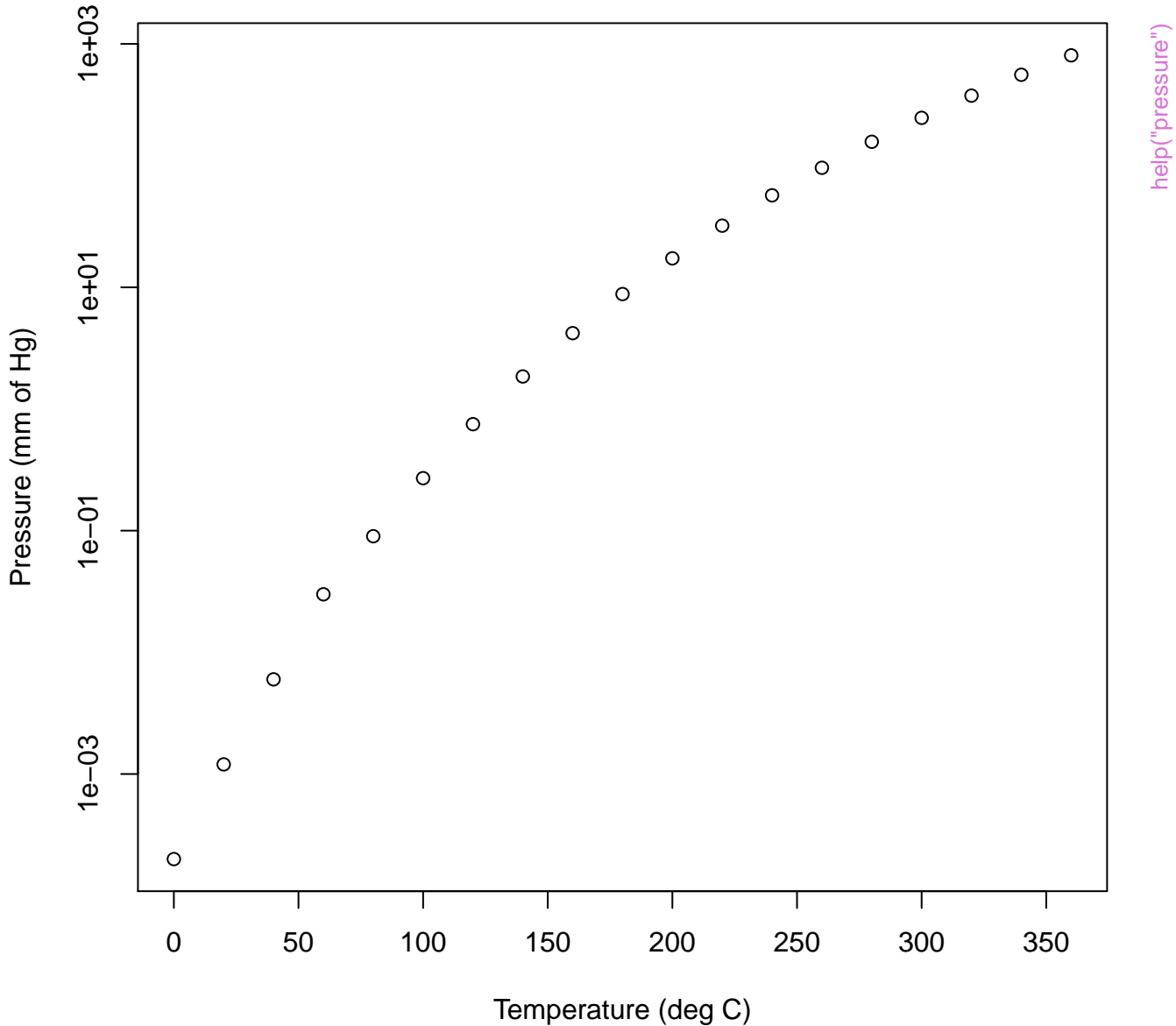
presidents data



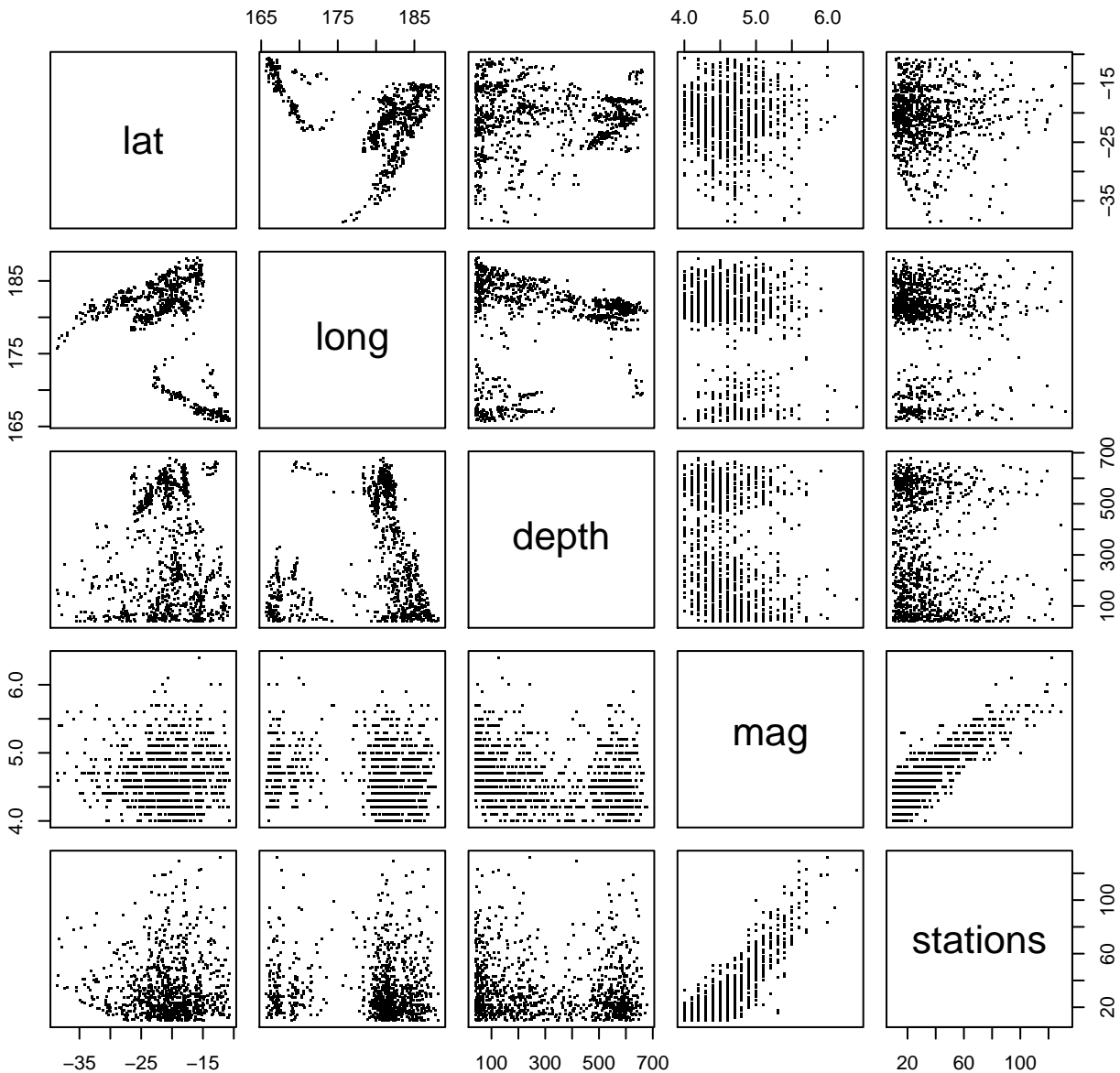
pressure data: Vapor Pressure of Mercury



pressure data: Vapor Pressure of Mercury

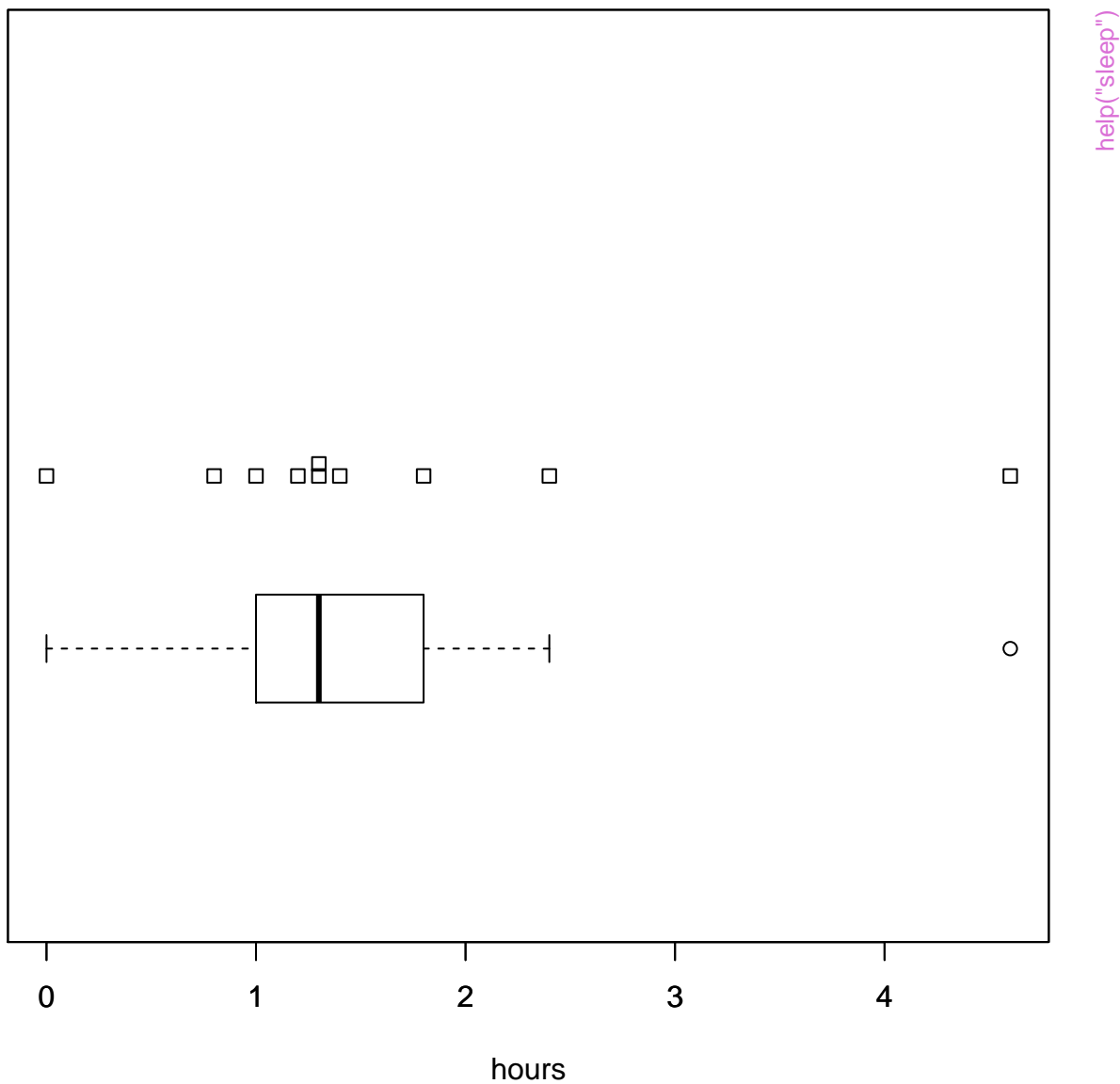


Fiji Earthquakes, N = 1000

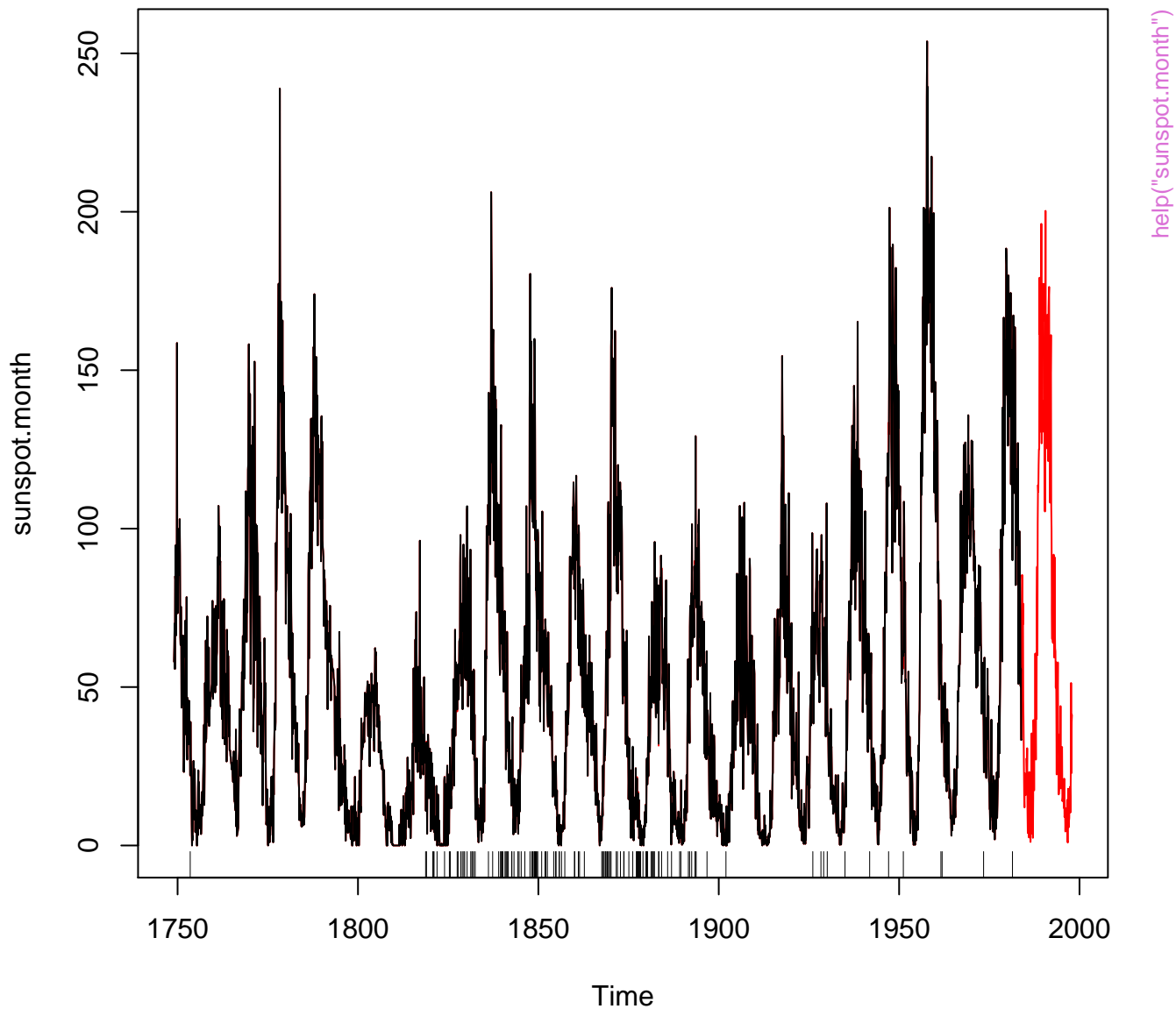


[help\("quakes"\)](#)

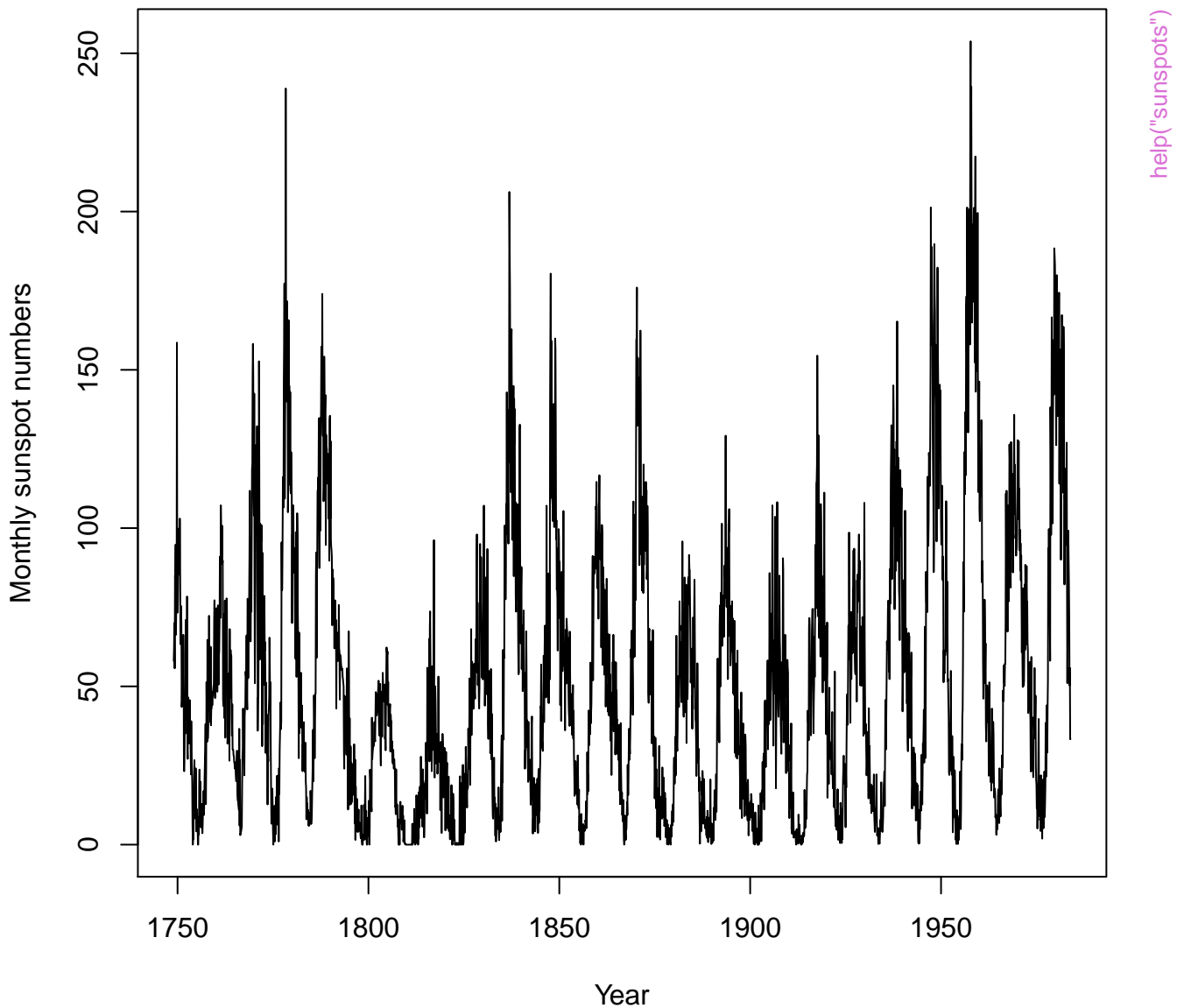
Sleep prolongation (n = 10)



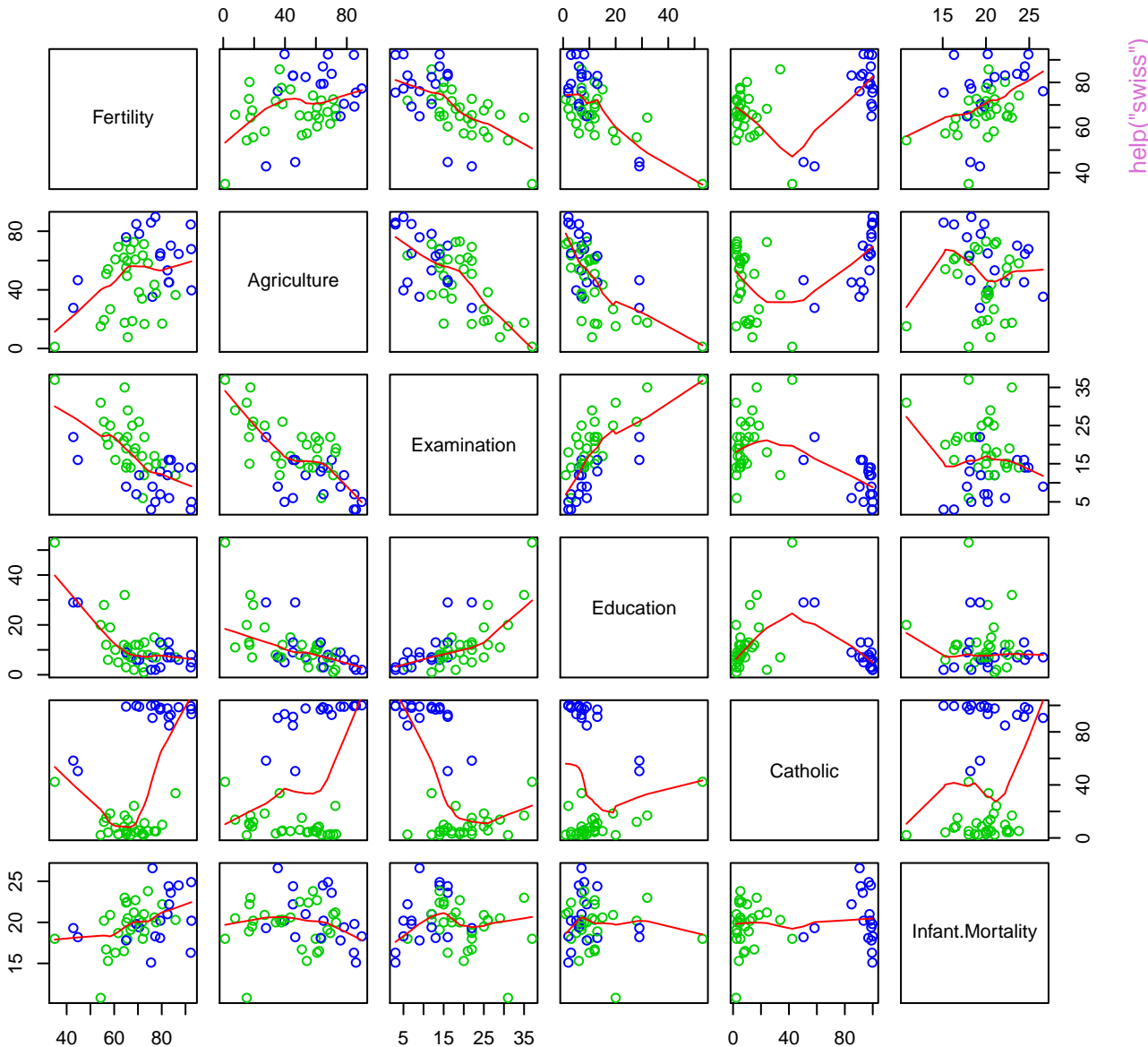
sunspot.month [stats]



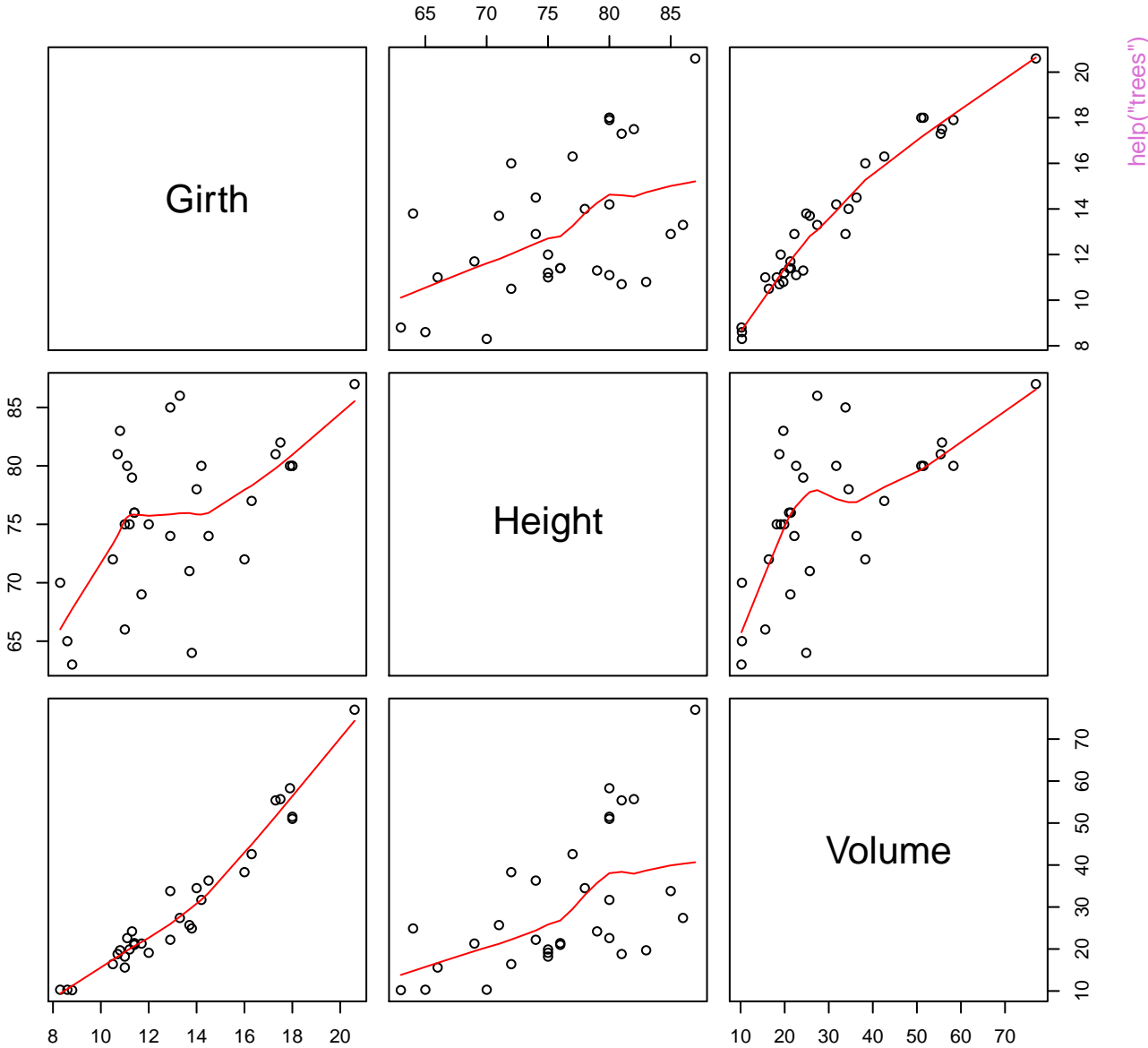
sunspots data

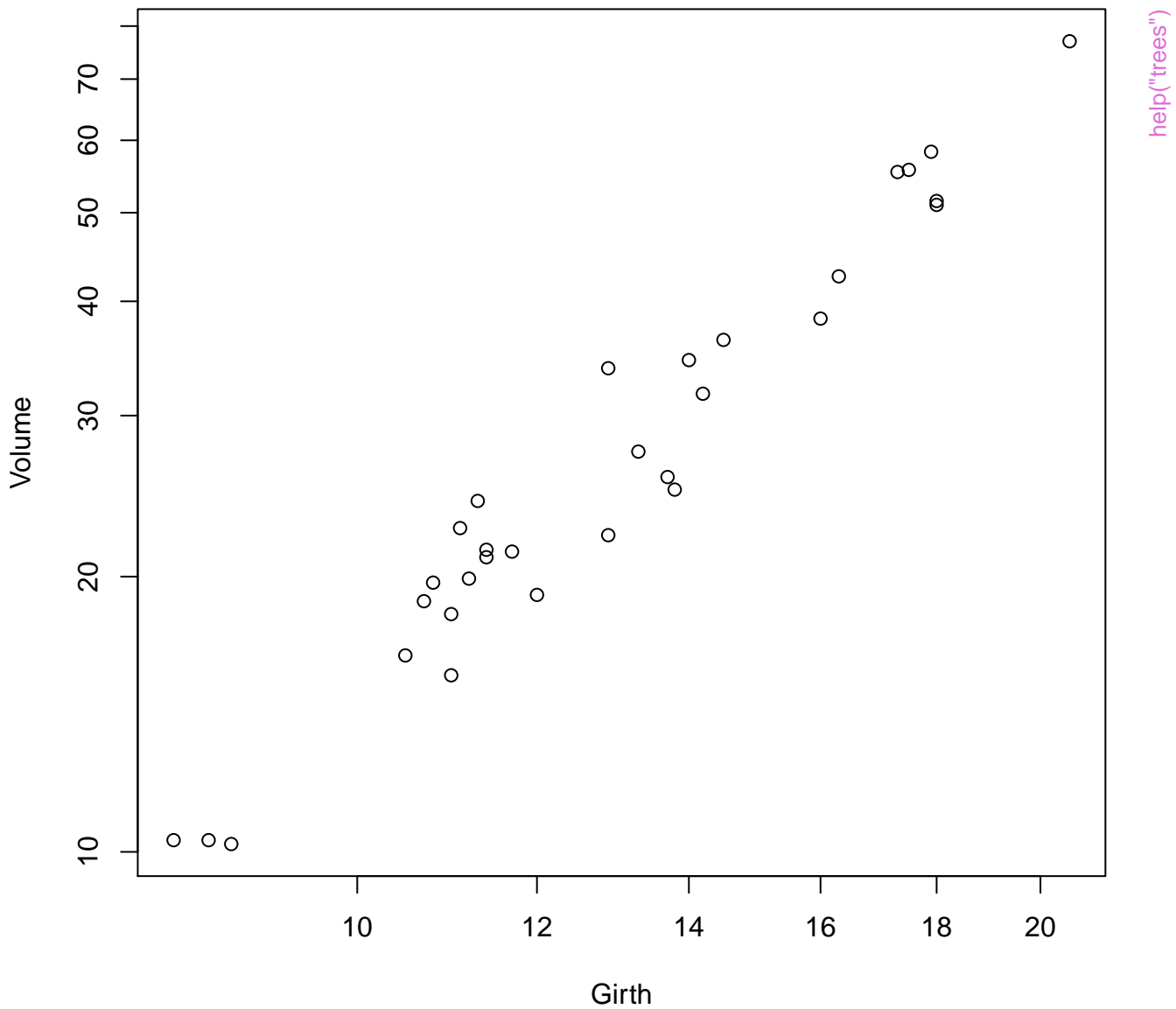


swiss data

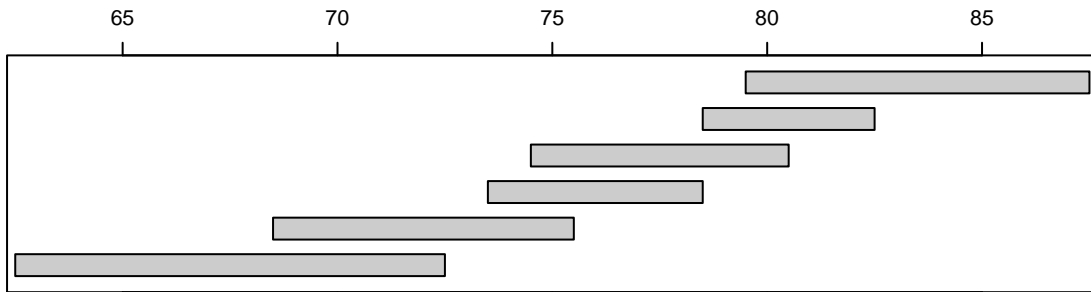


trees data

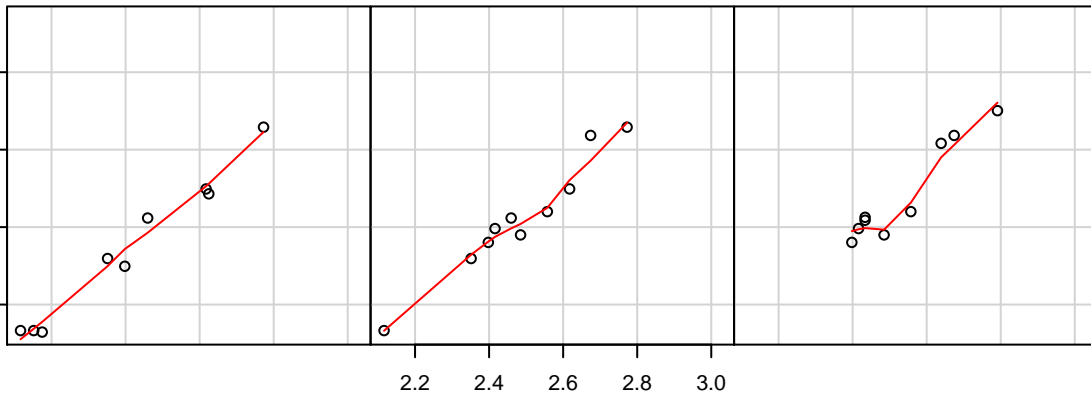
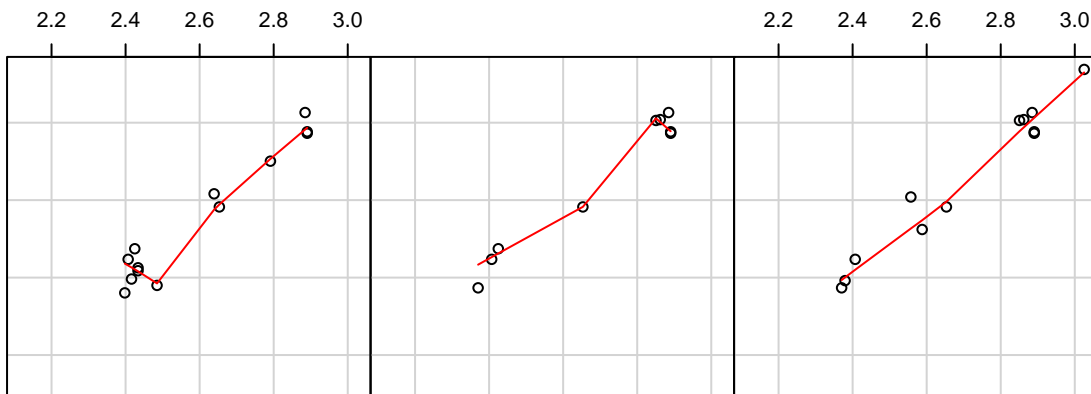




Given : Height



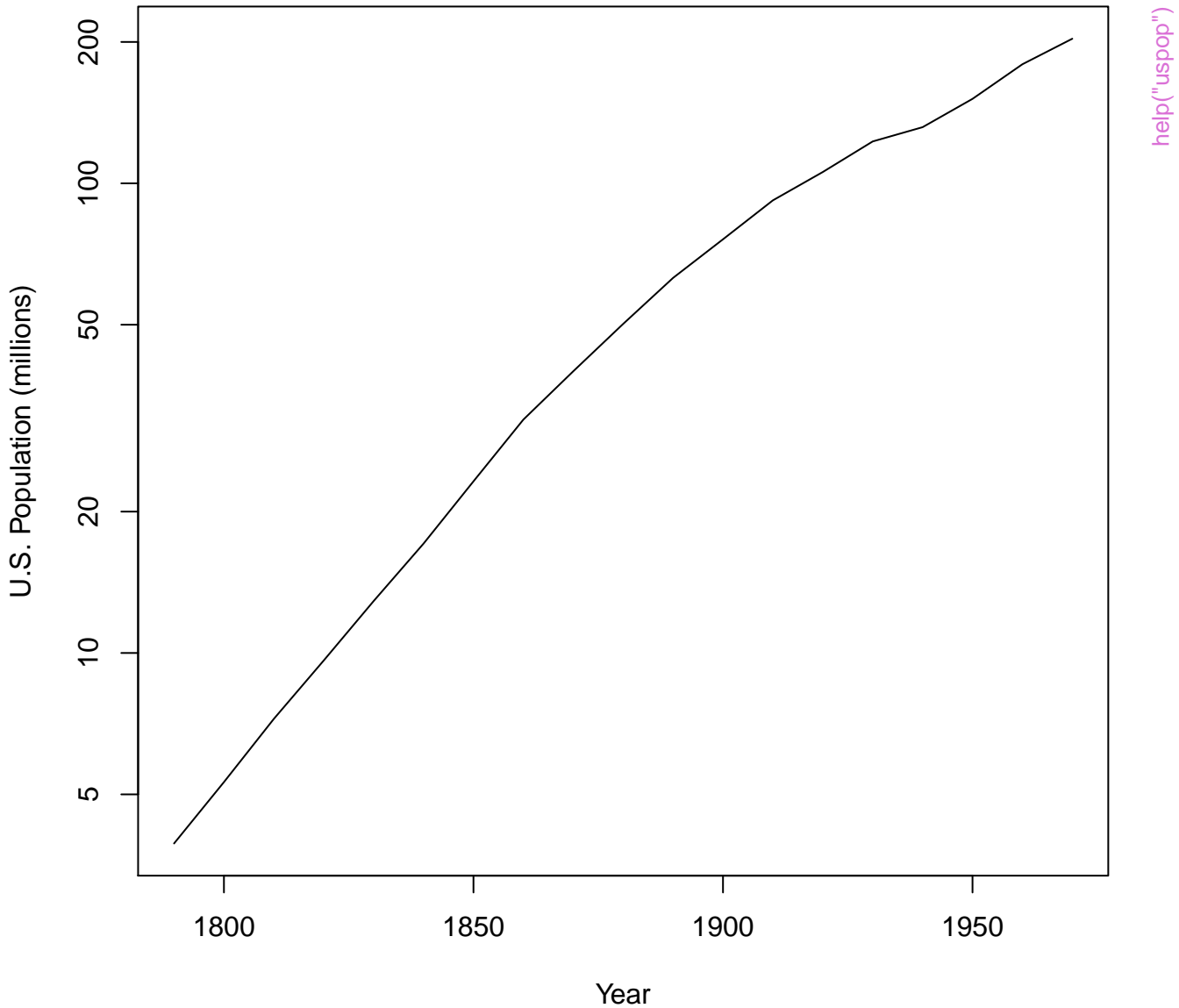
help("trees")



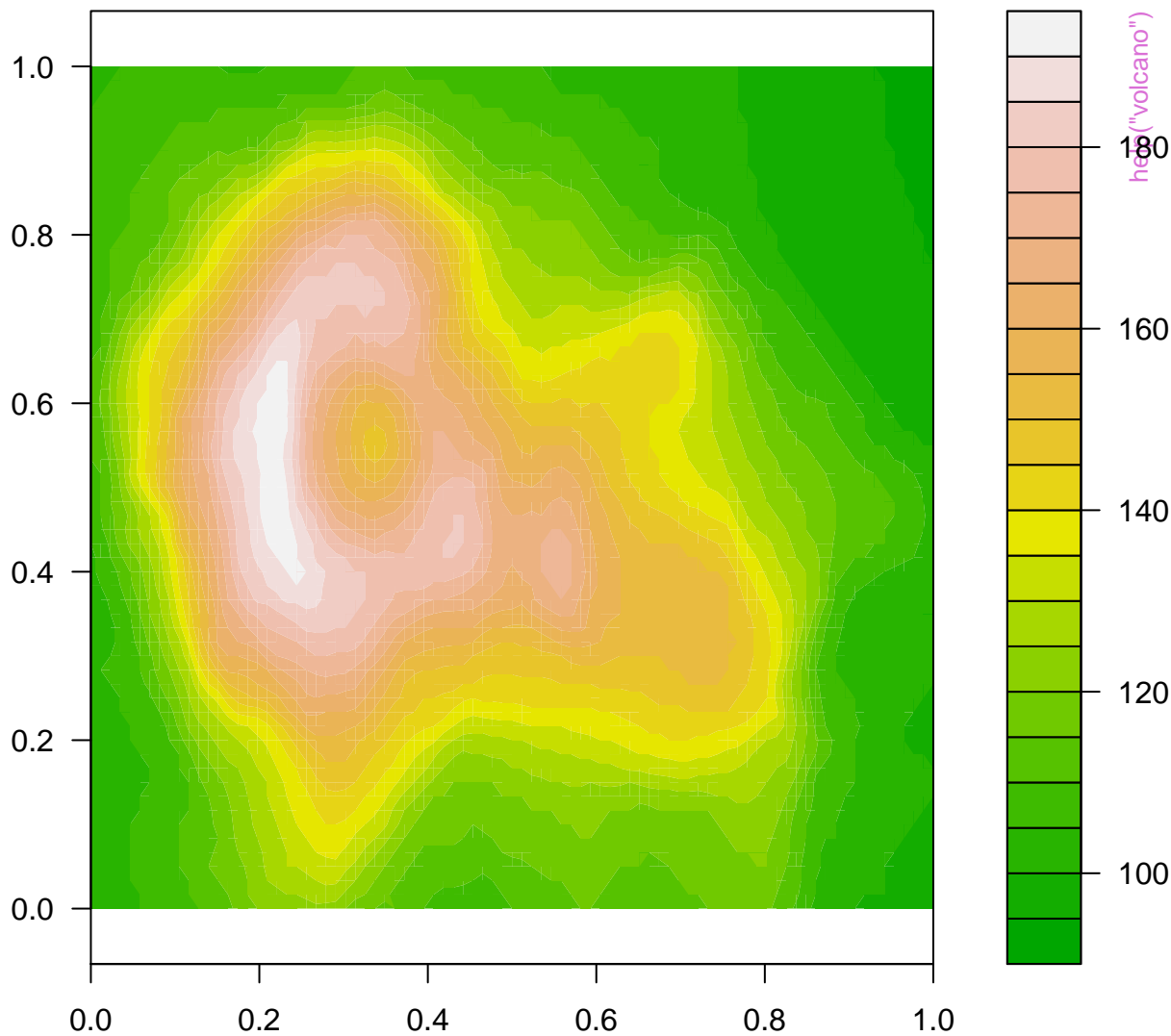
$\log(\text{Girth})$

$\log(\text{Volume})$

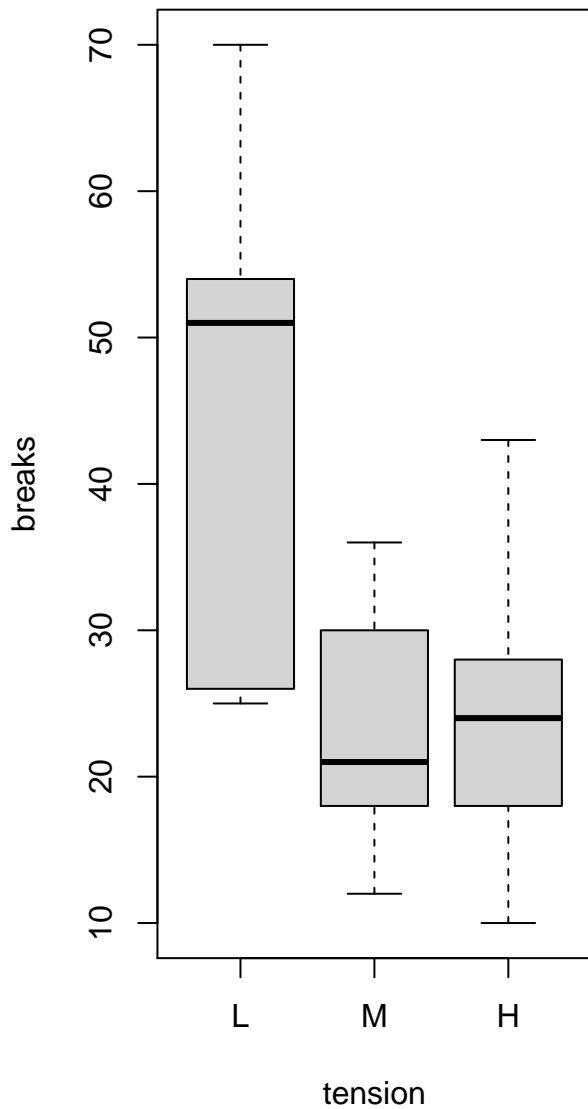
uspop data



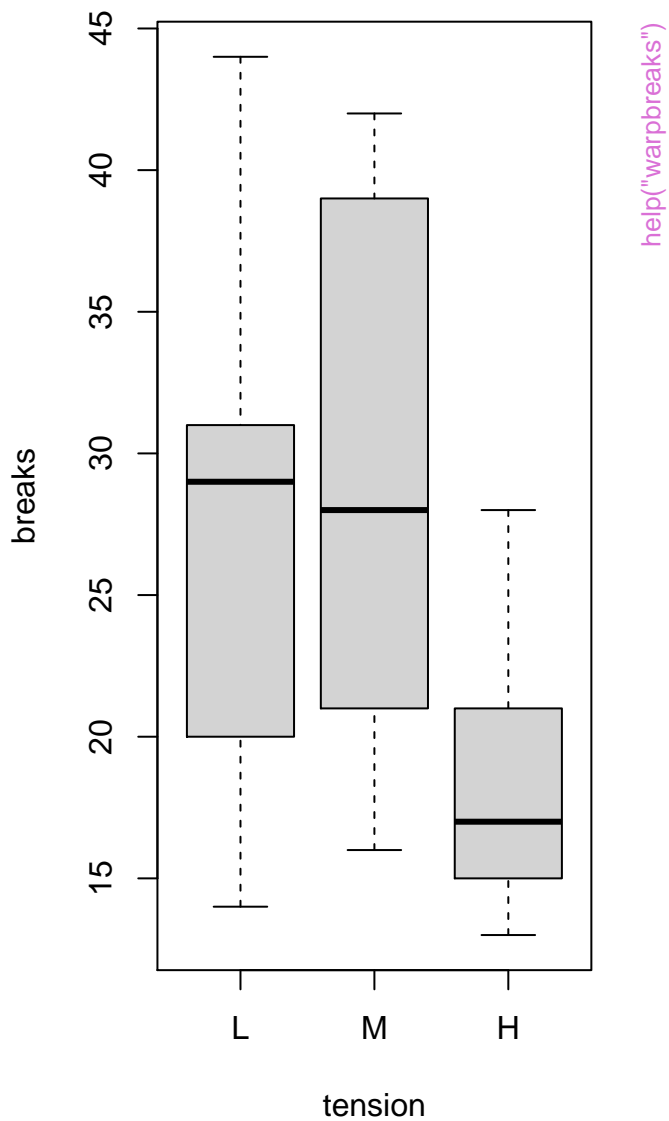
volcano data: filled contour map



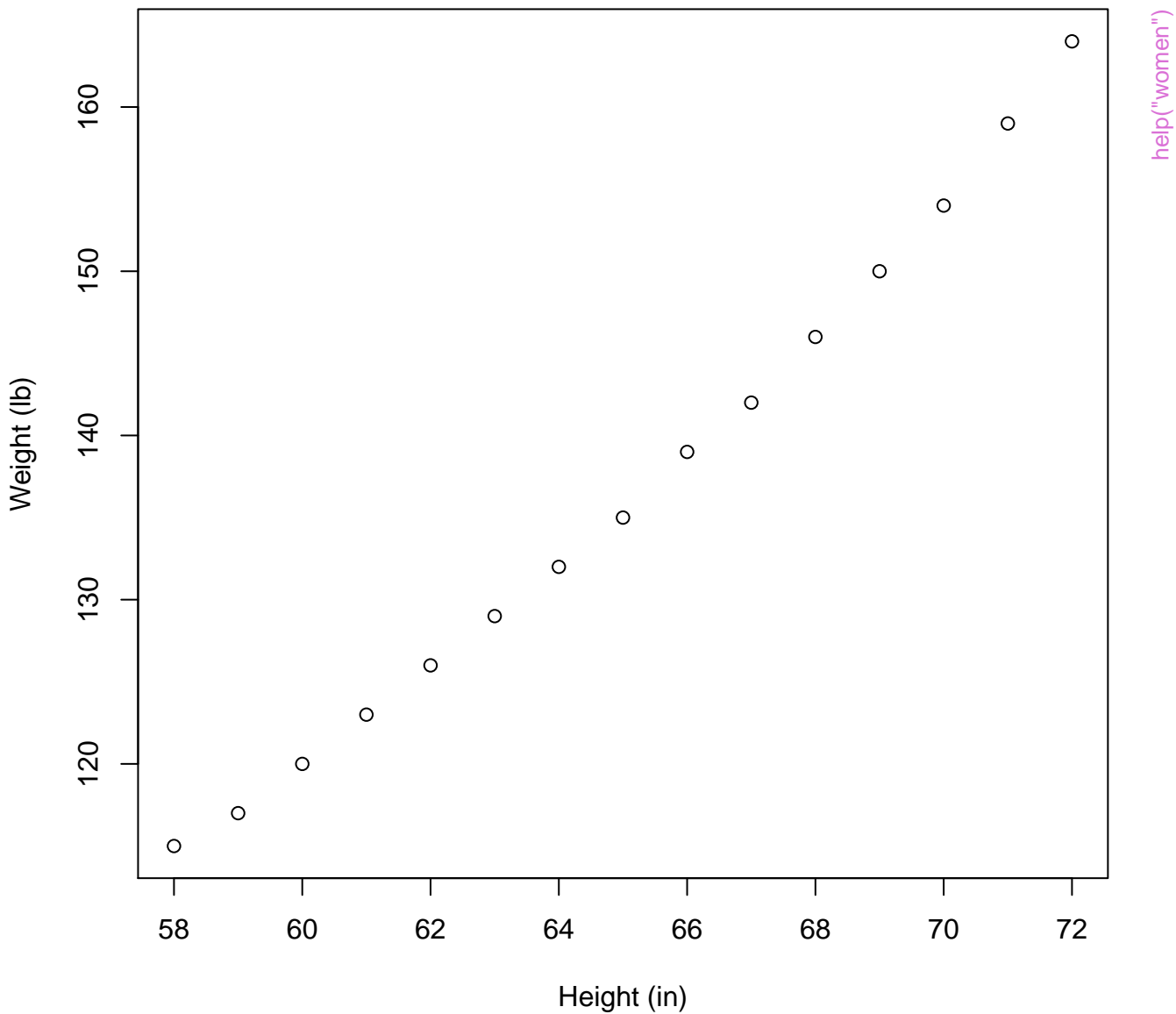
Wool A



Wool B



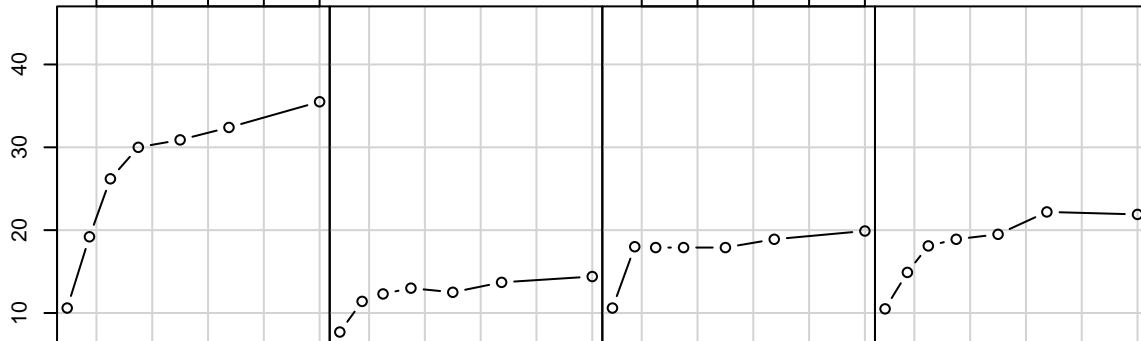
women data: American women aged 30–39



Given : Plant

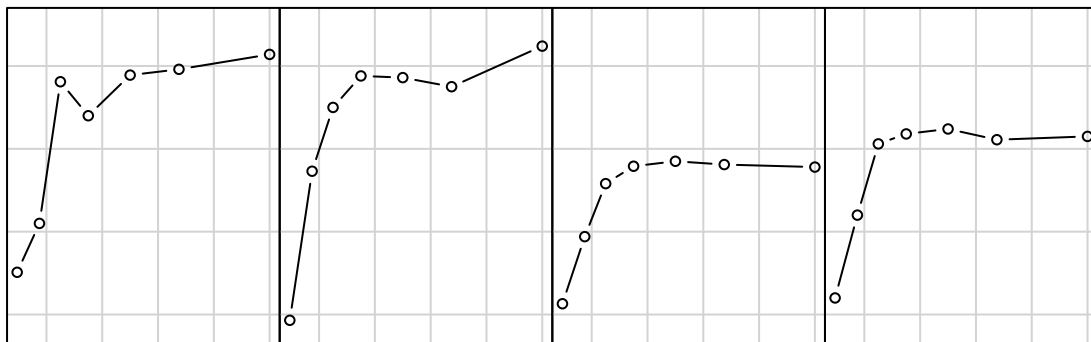
200 400 600 800

200 400 600 800

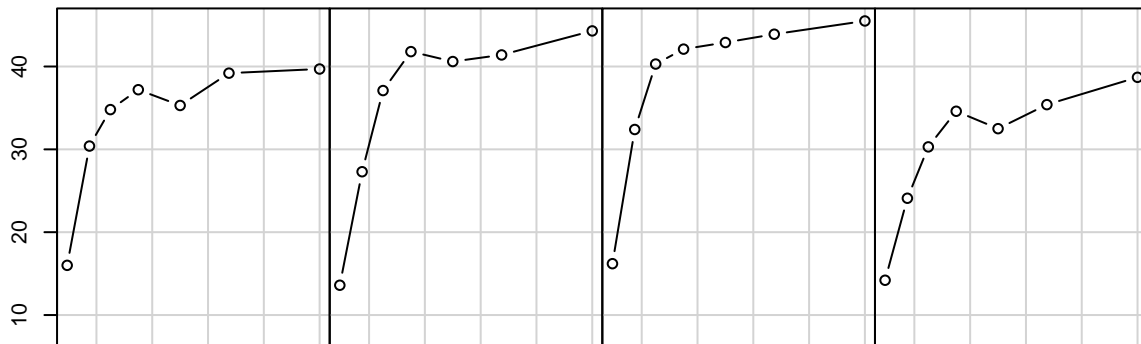


help("zCO2")

uptake



40
30
20
10



200 400 600 800

200 400 600 800

conc