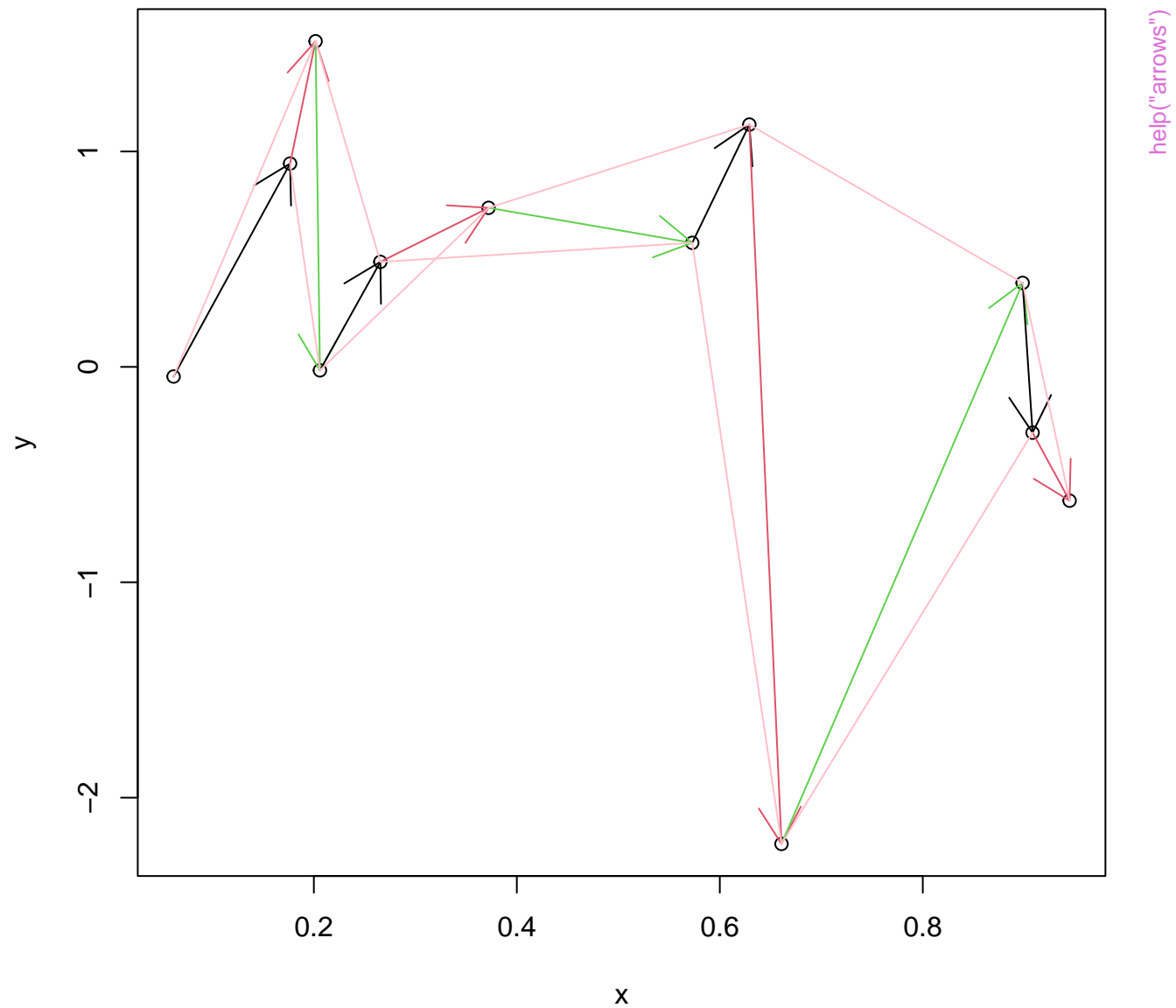
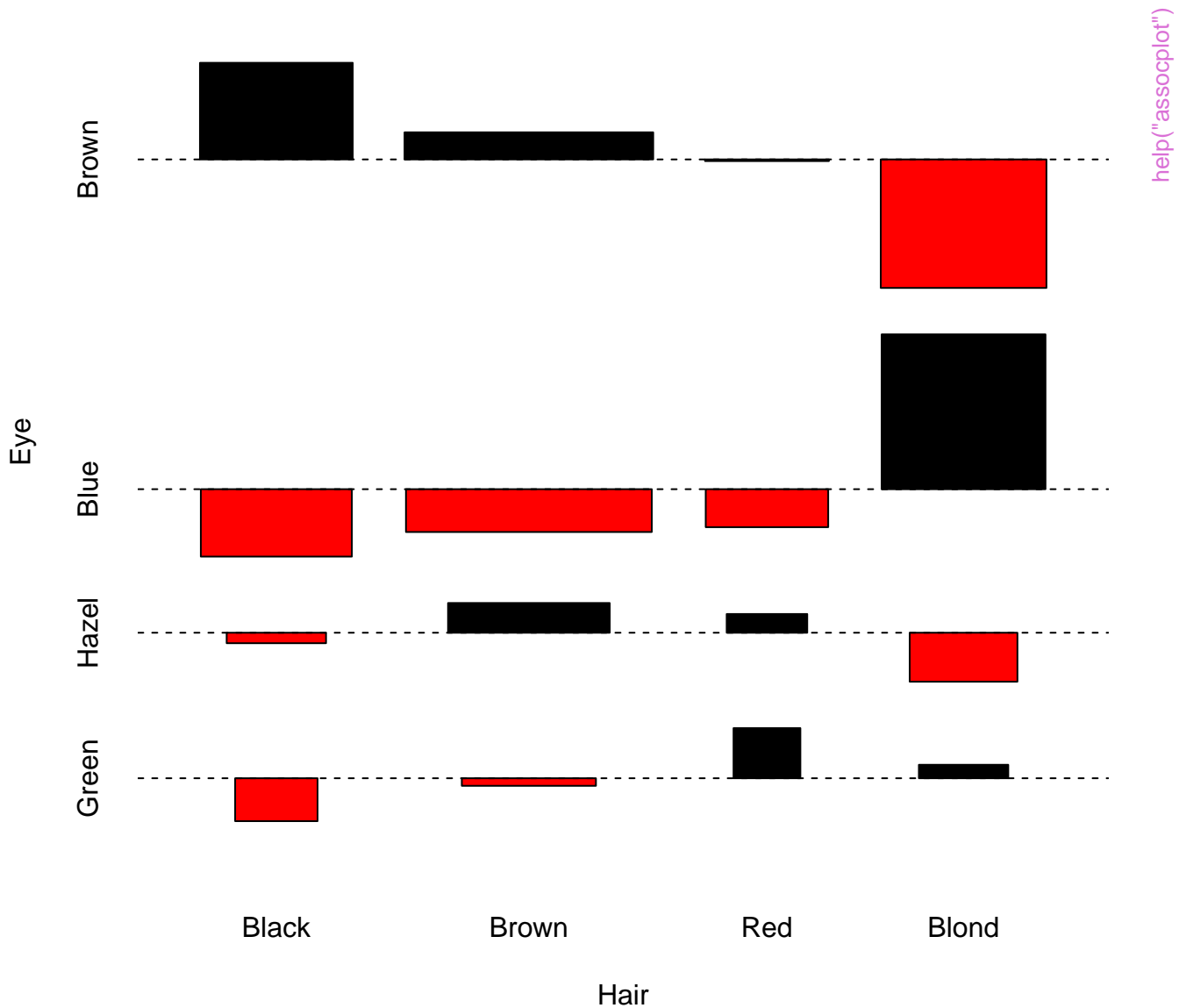
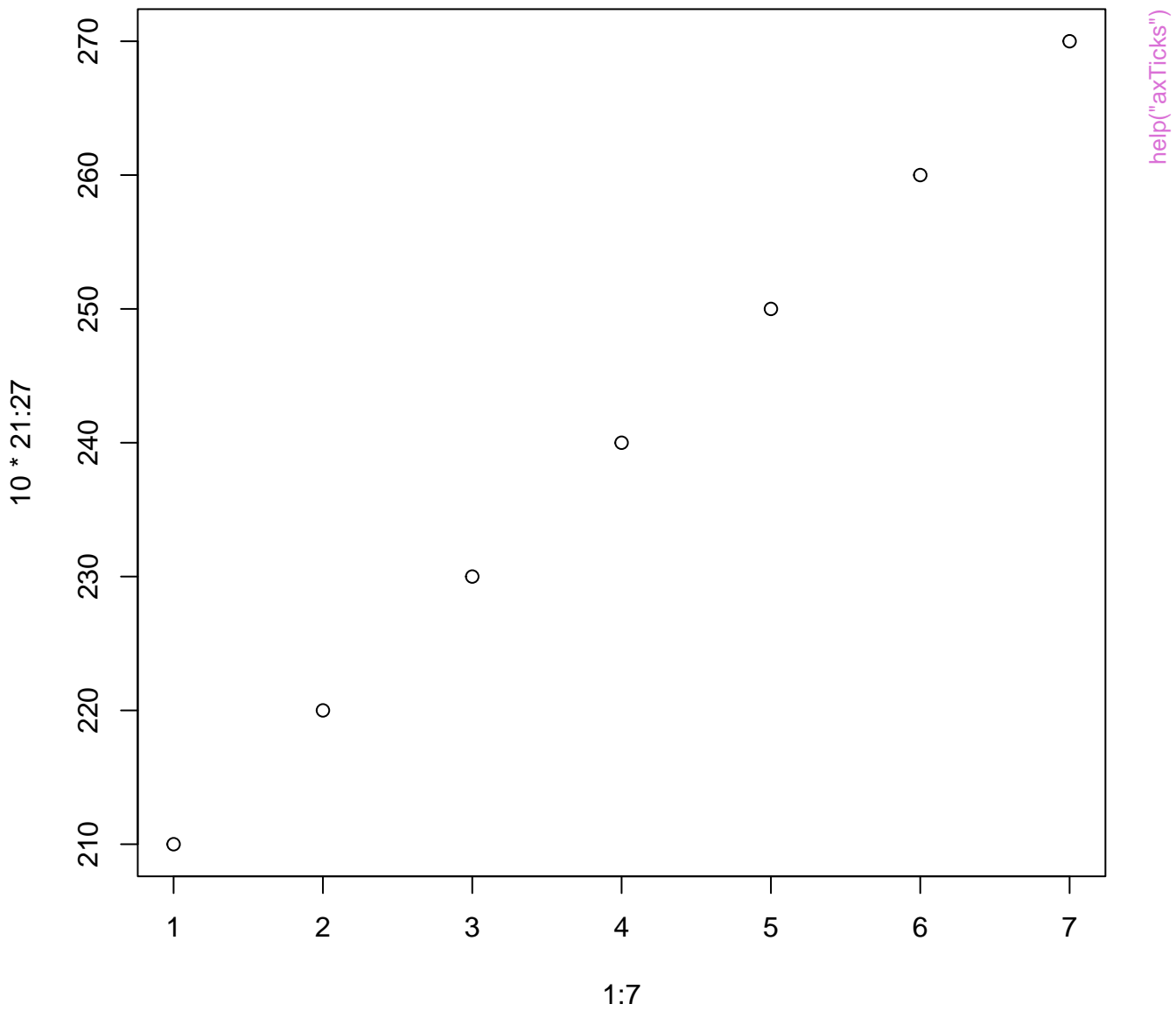


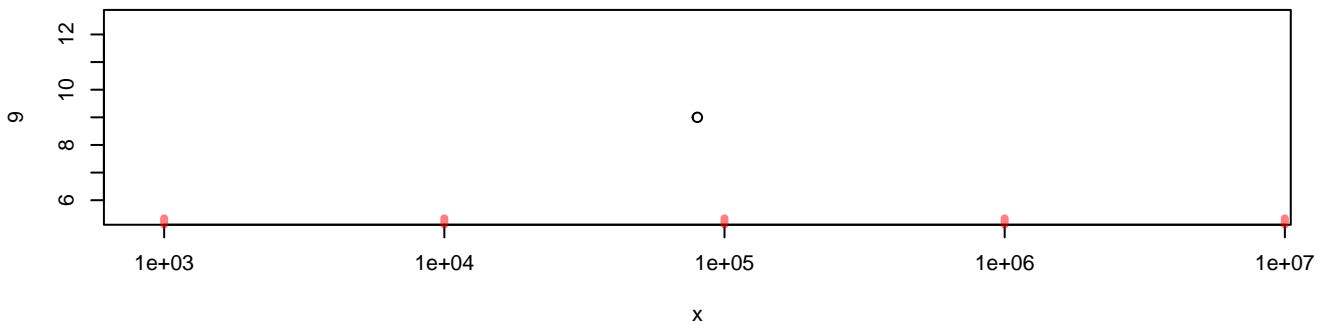
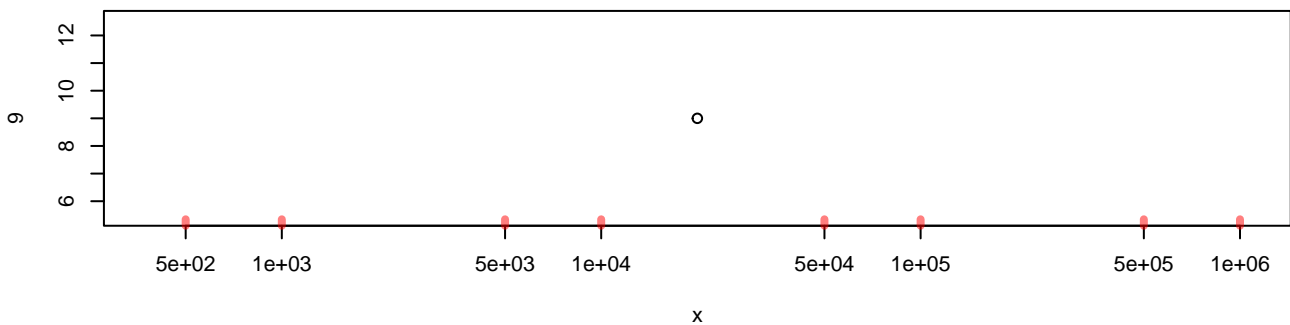
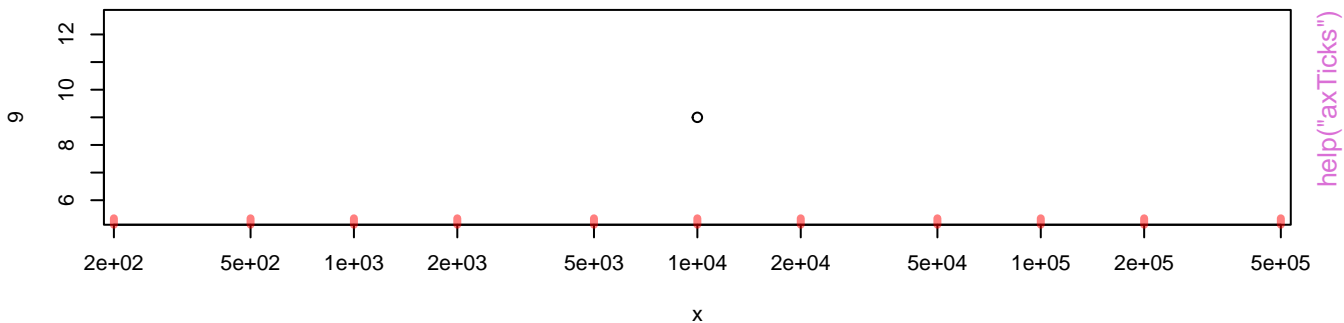
## arrows(.) and segments(.)

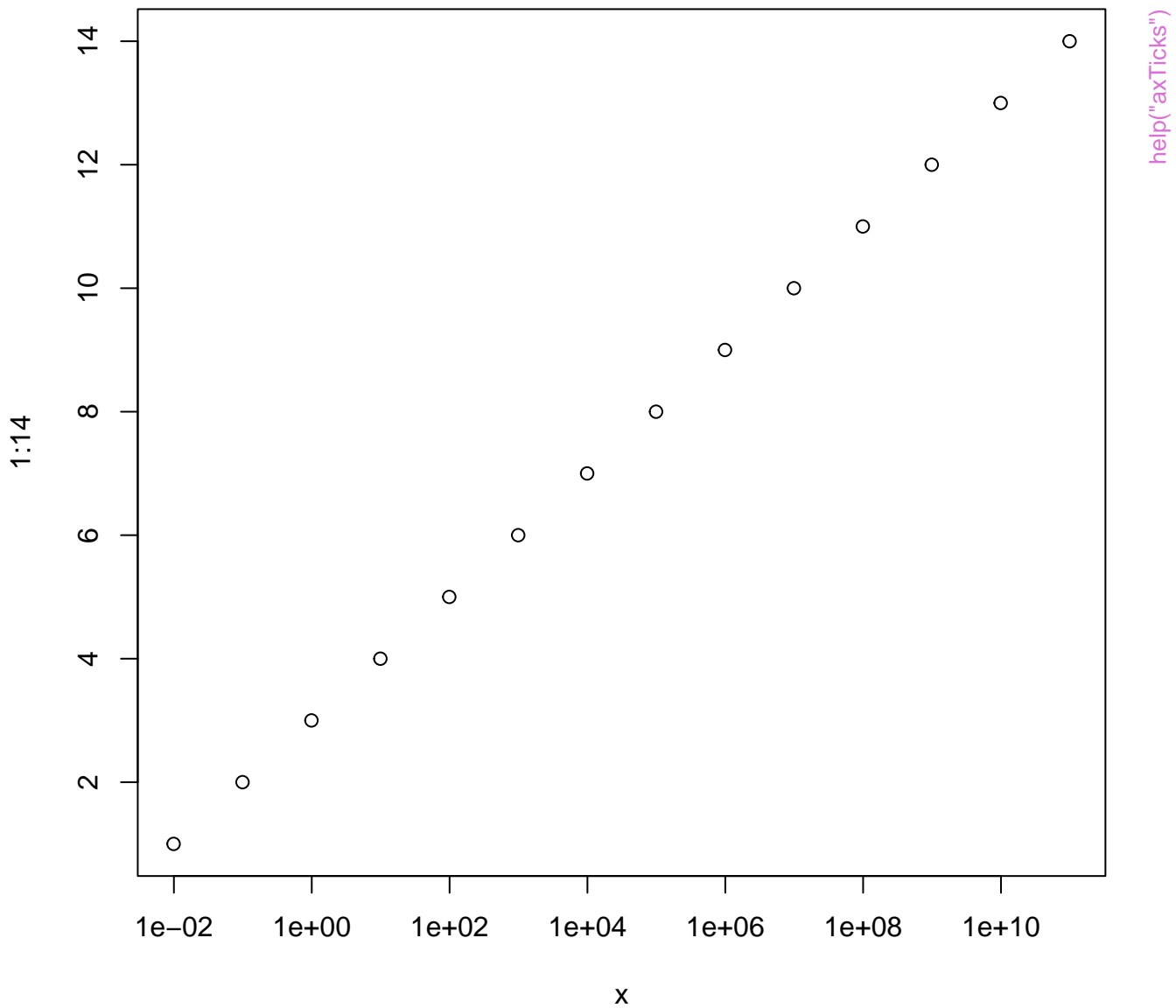


Relation between hair and eye color

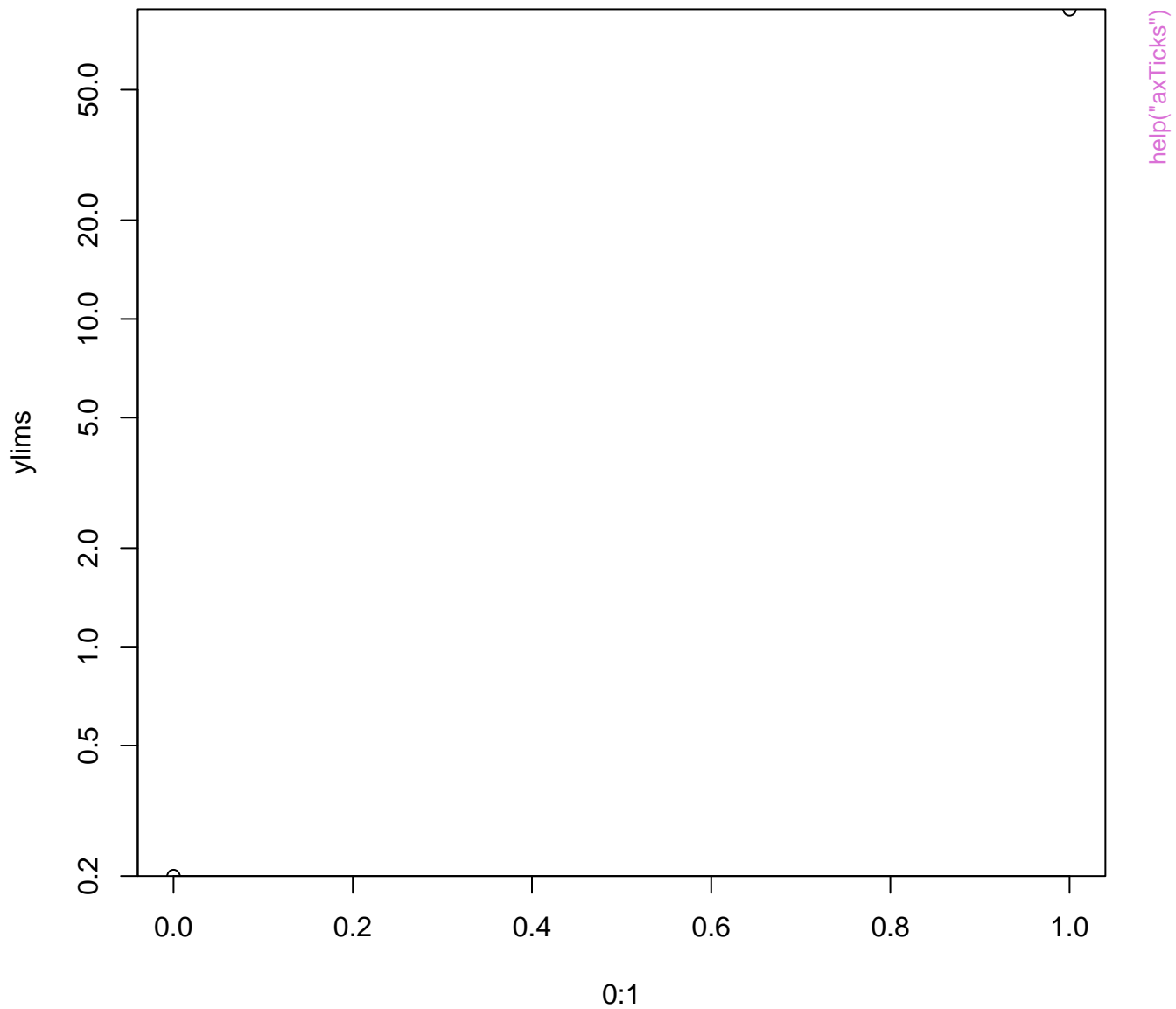


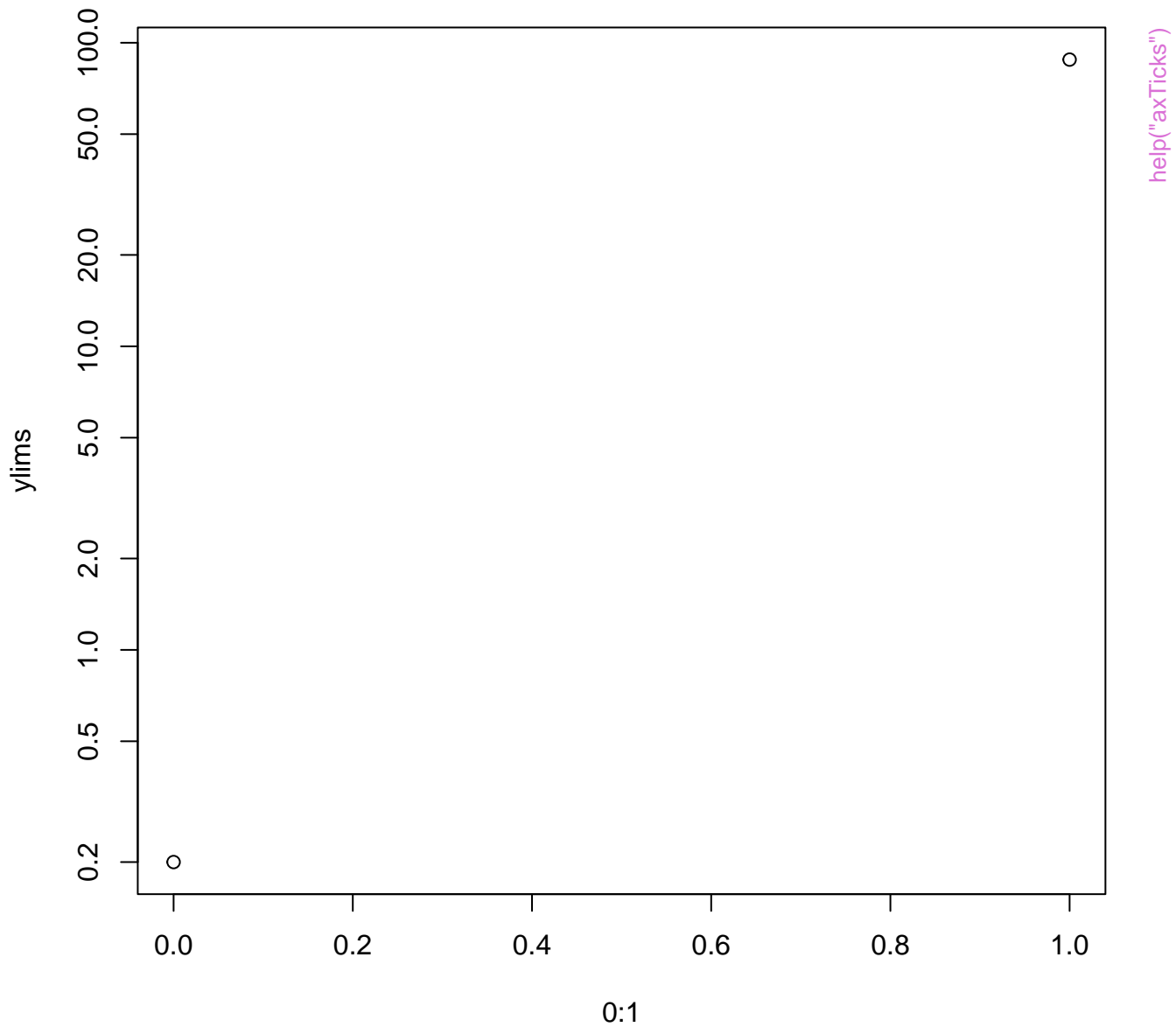


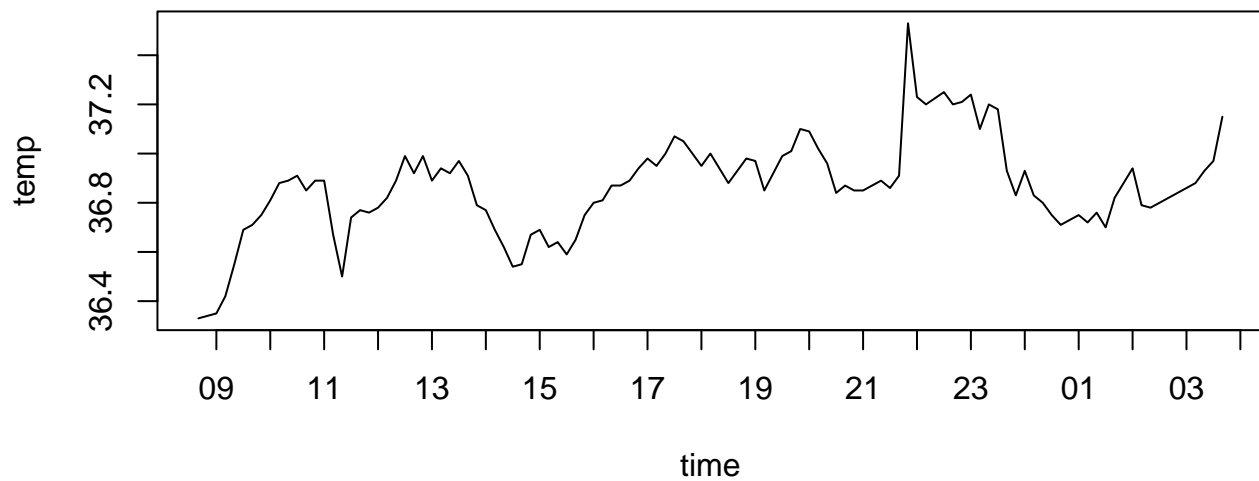
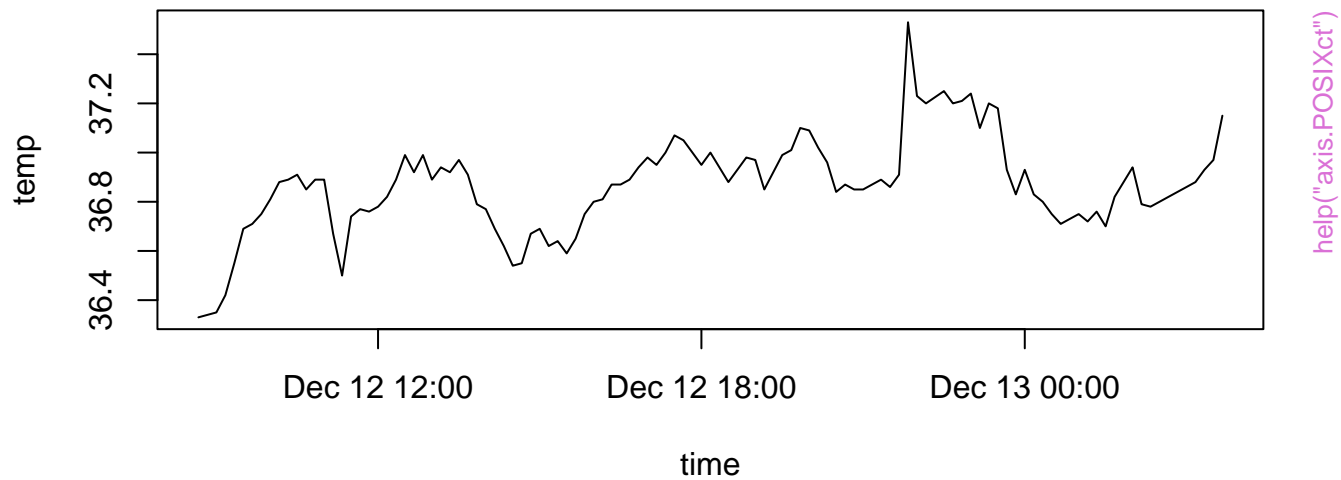


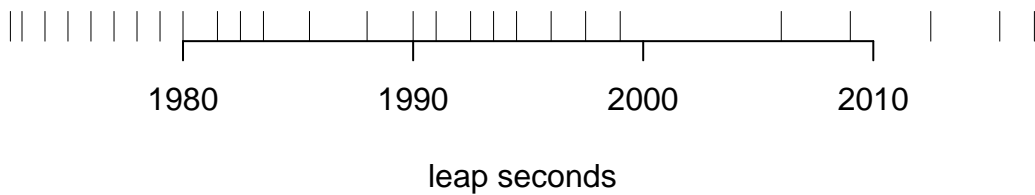


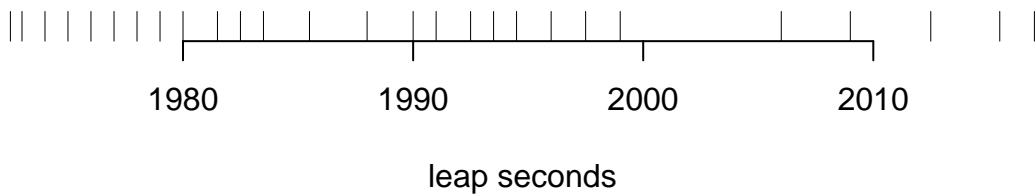


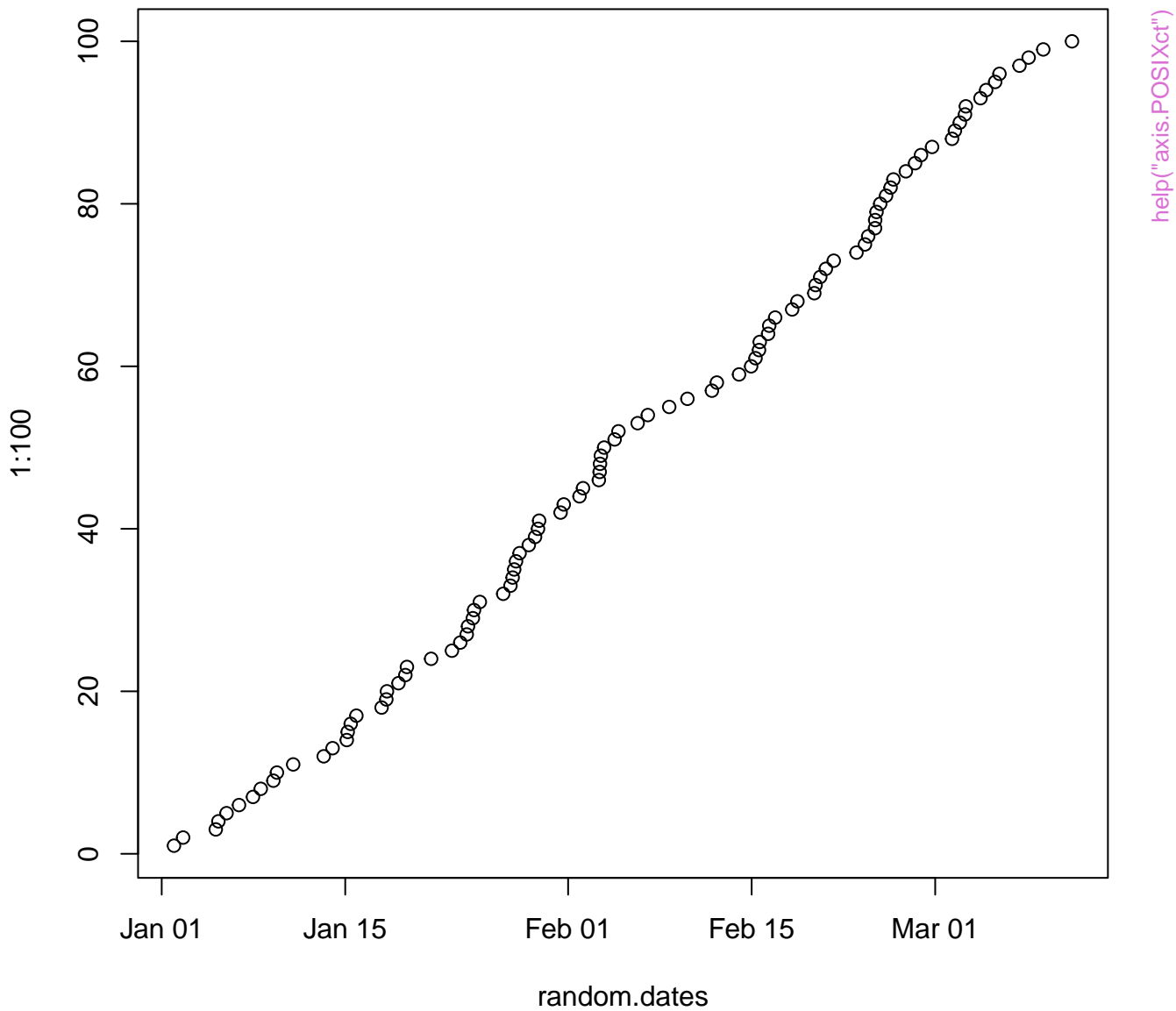


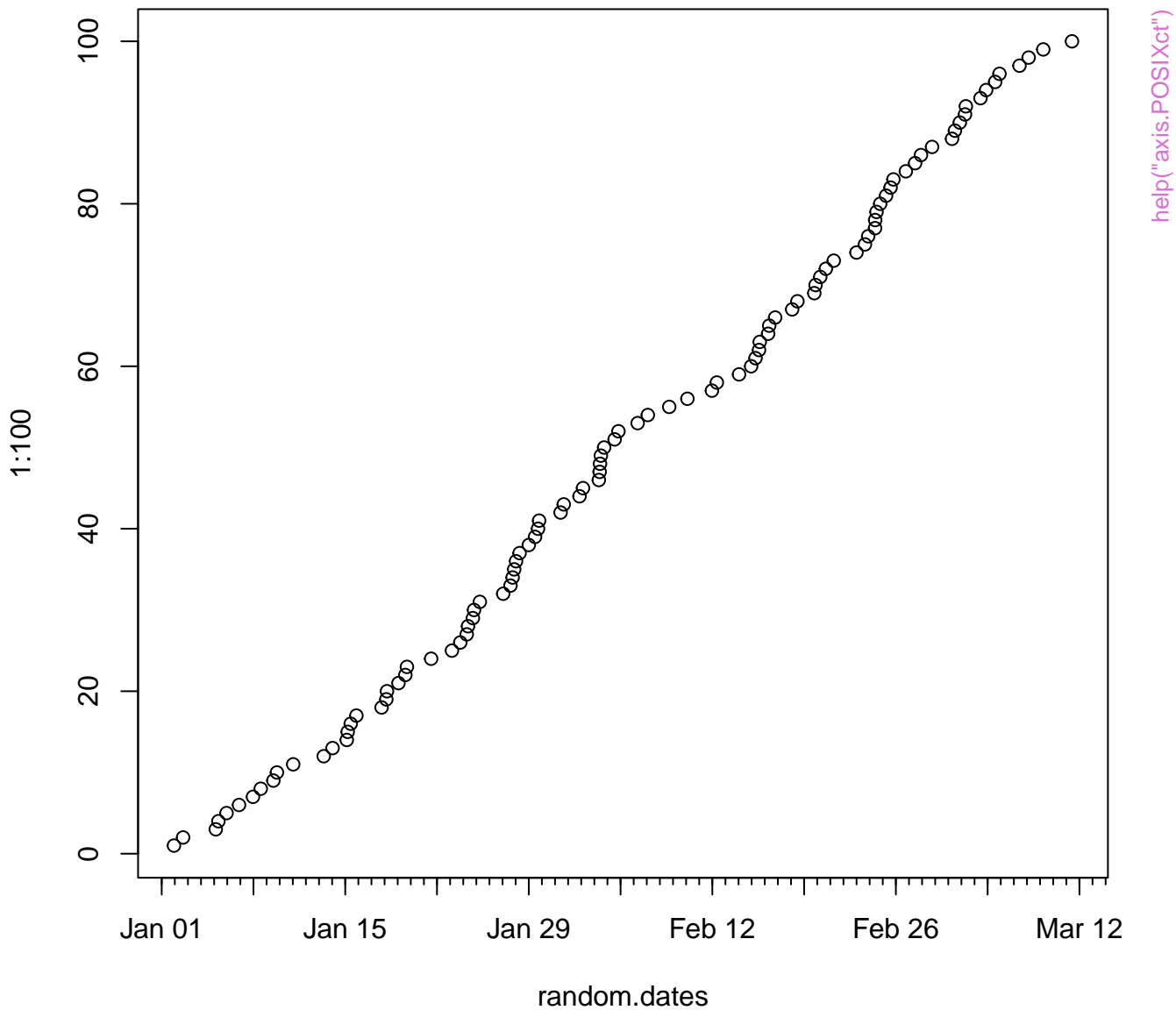


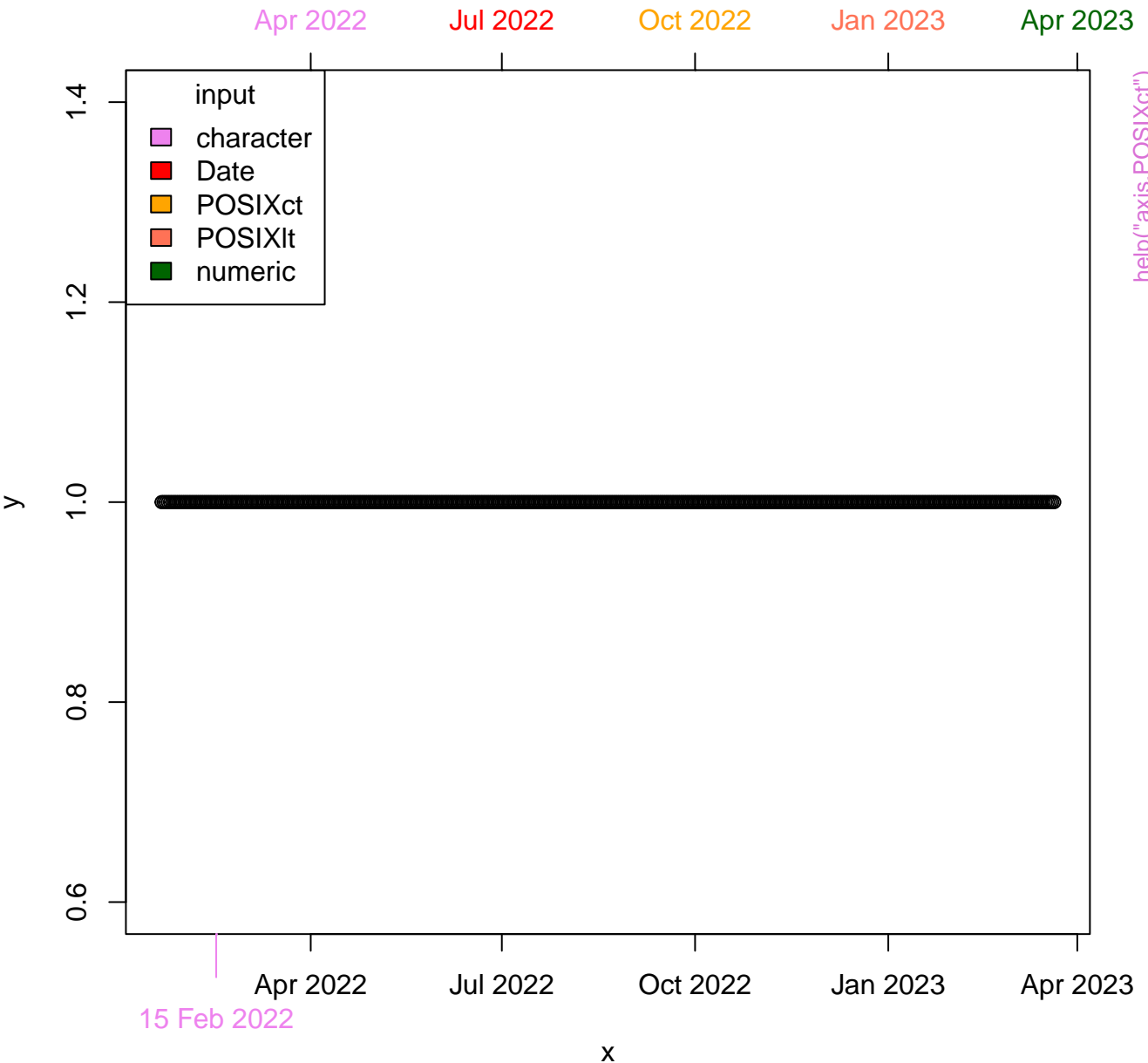




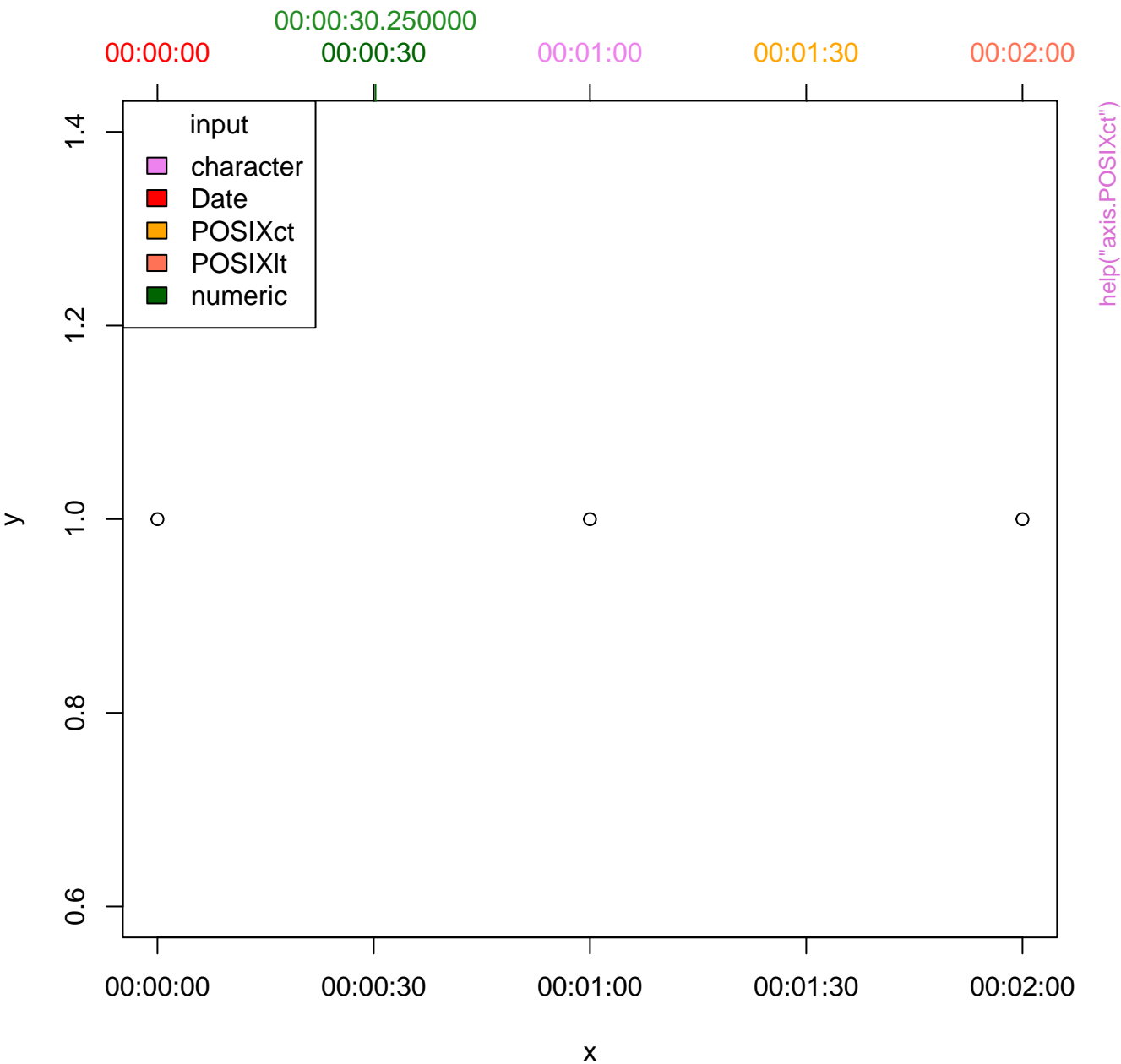












Central European Time (CET)

12:00

12:10

12:15

12:30

12:45

13:00

1.4

1.2

1.0

0.8

0.6

help("axis.POSIXct")

00:00

00:10

00:15

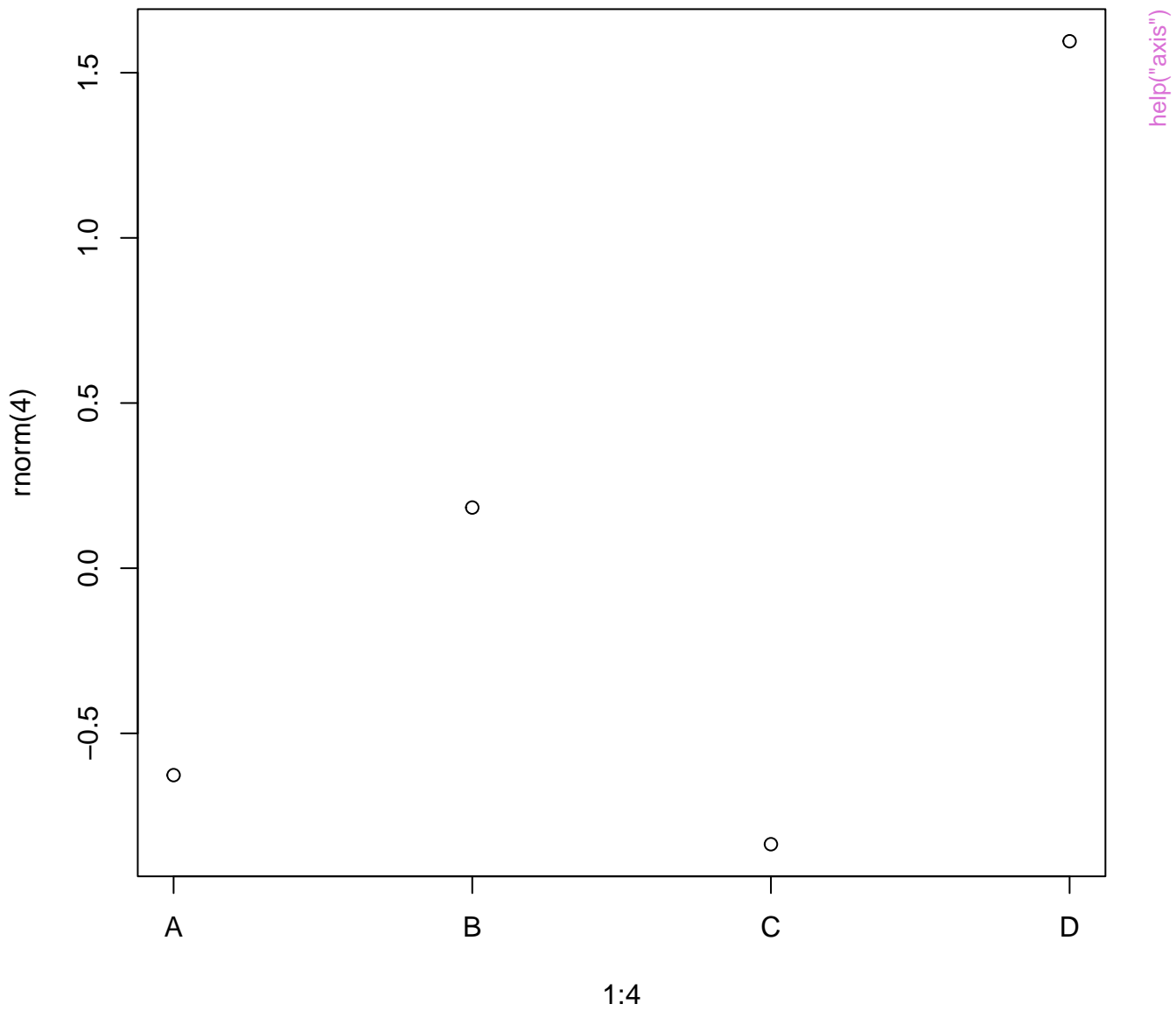
00:30

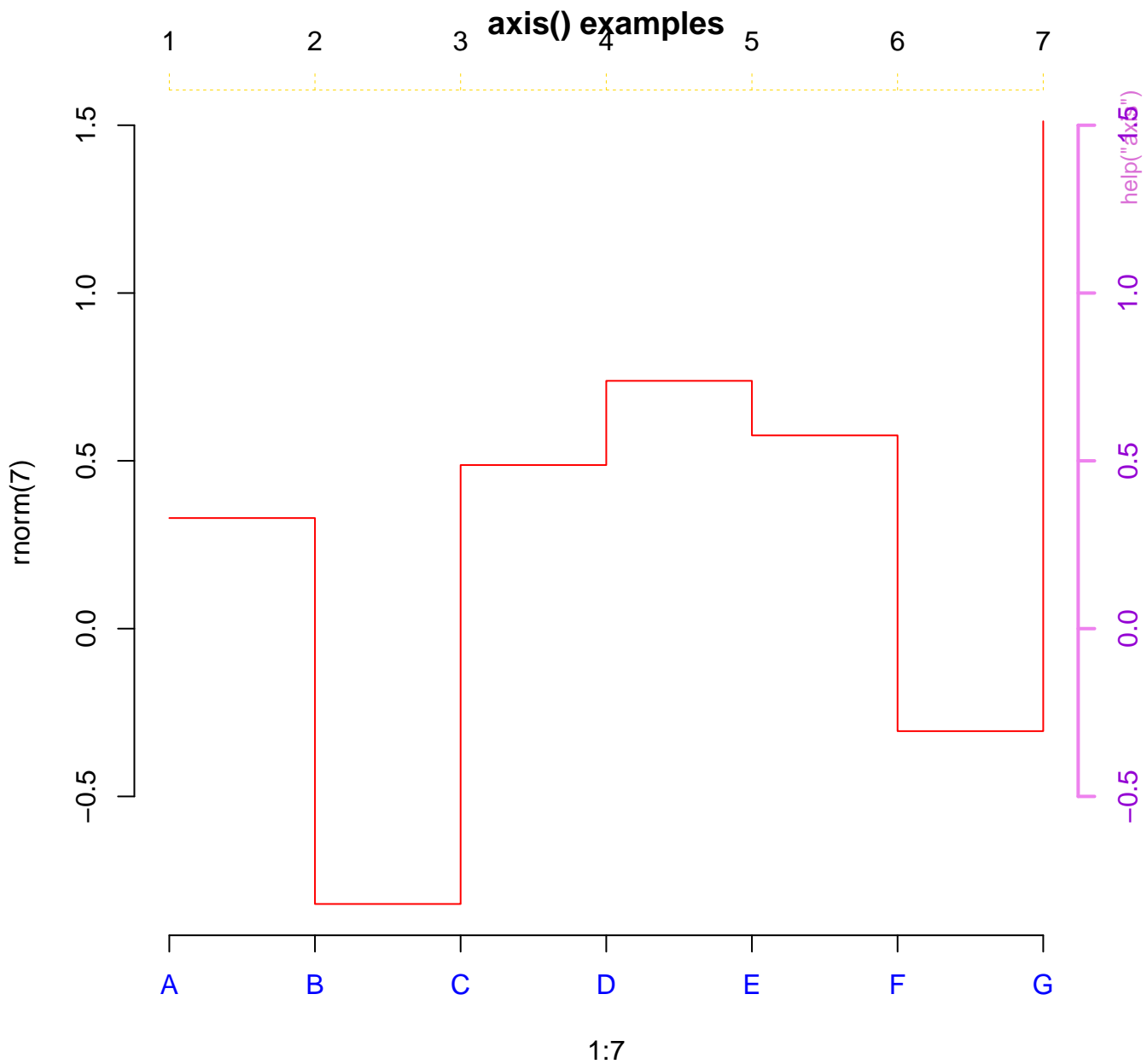
00:45

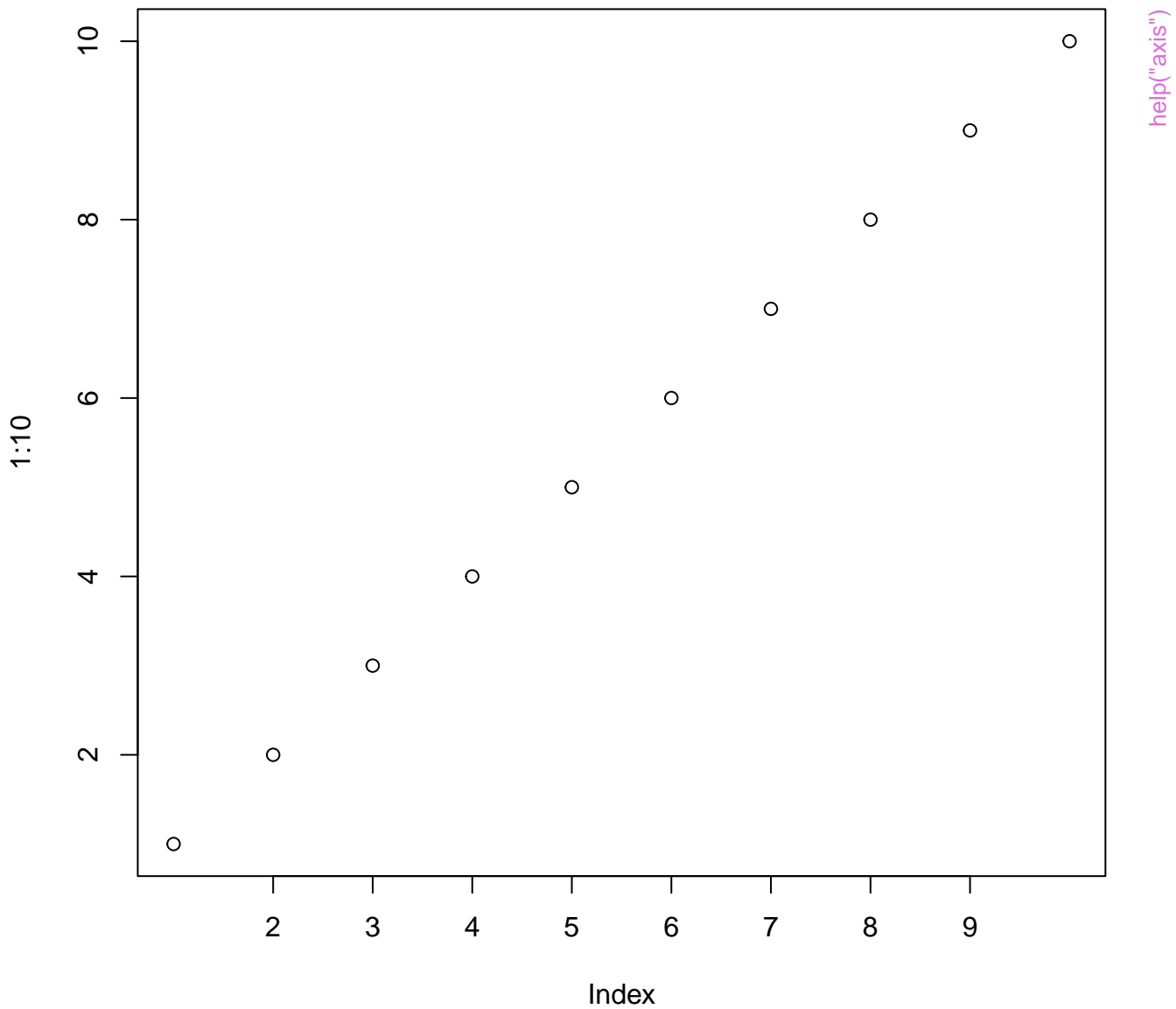
01:00

Hawaii Standard Time (HST)

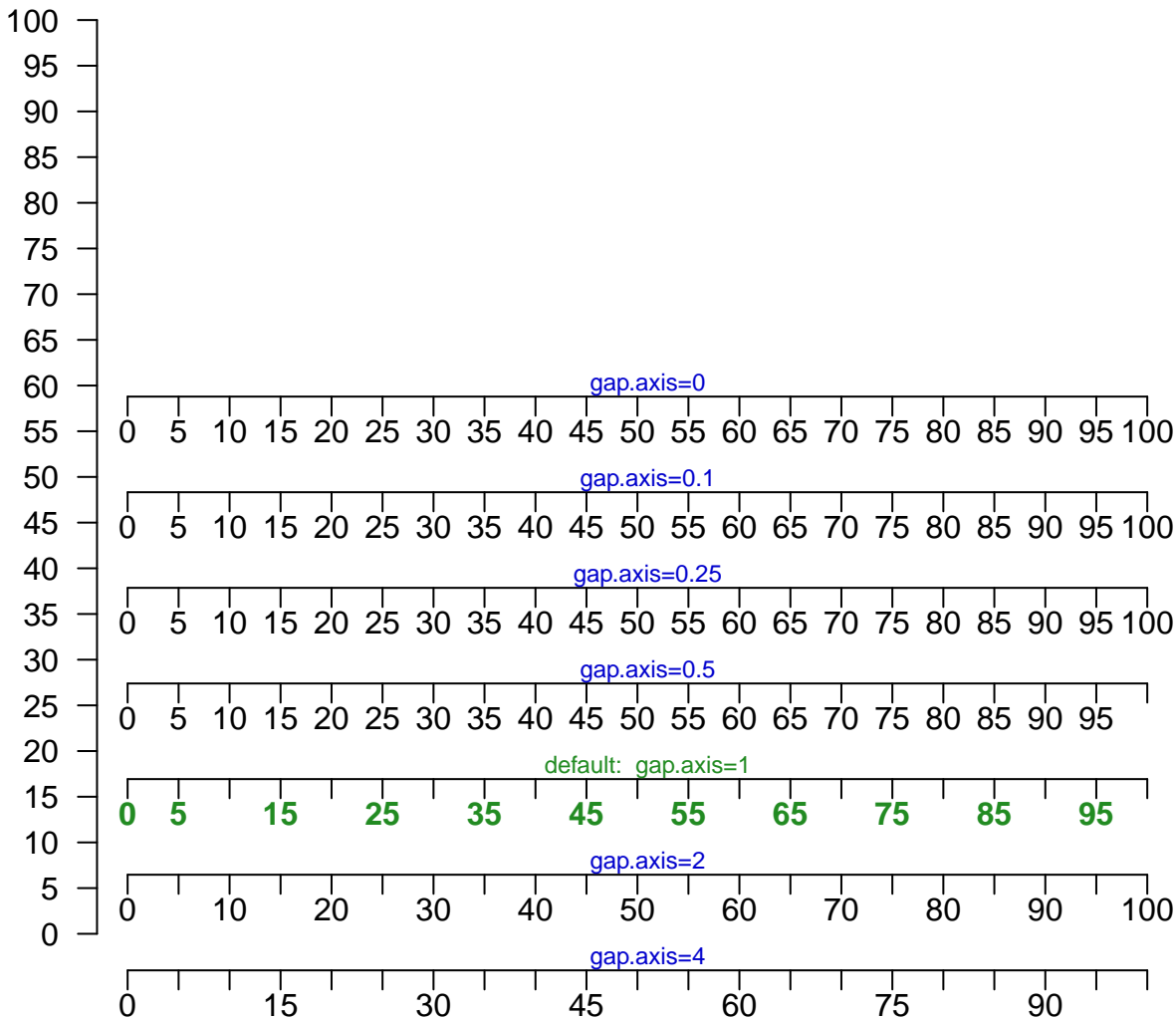
y



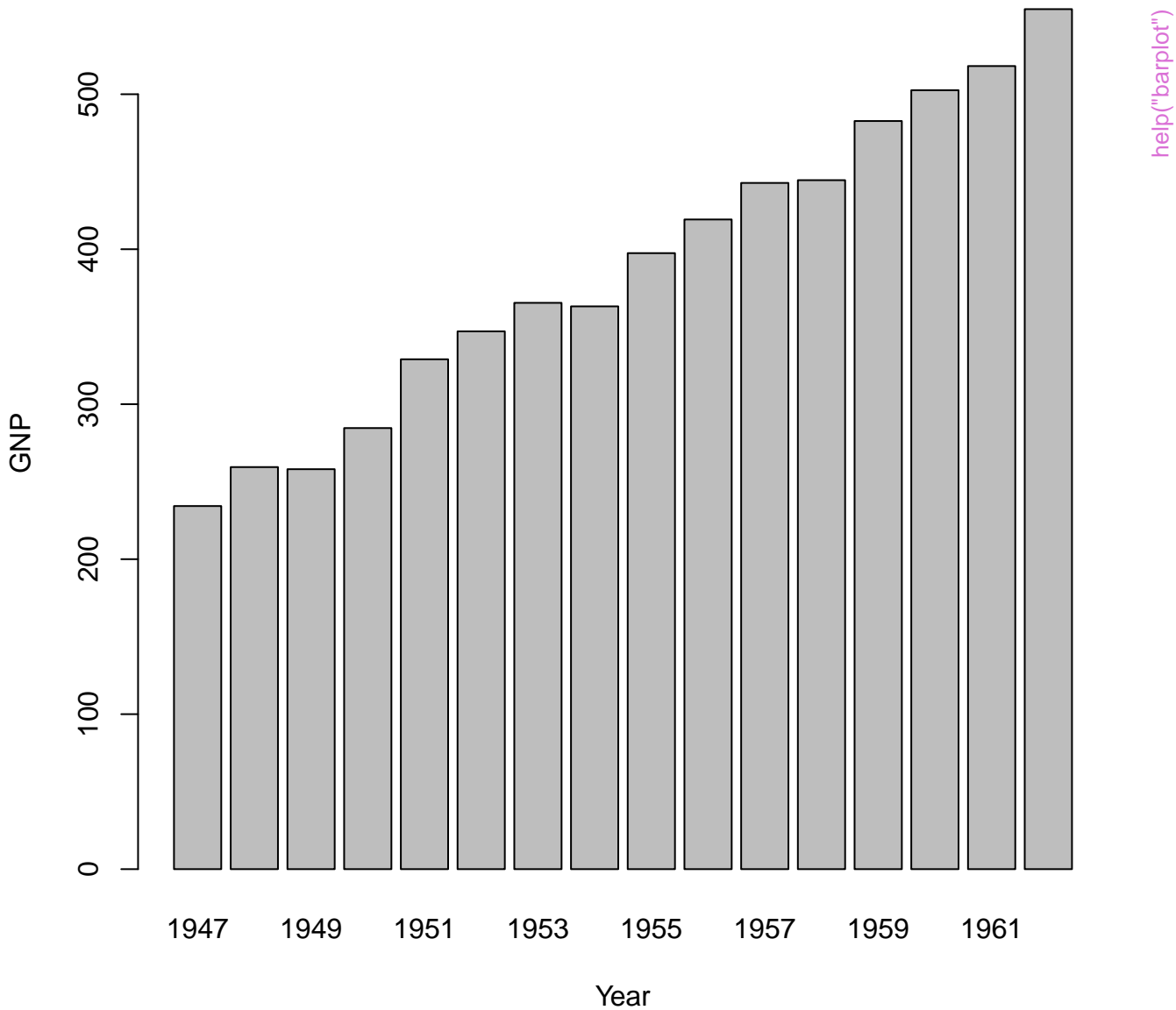


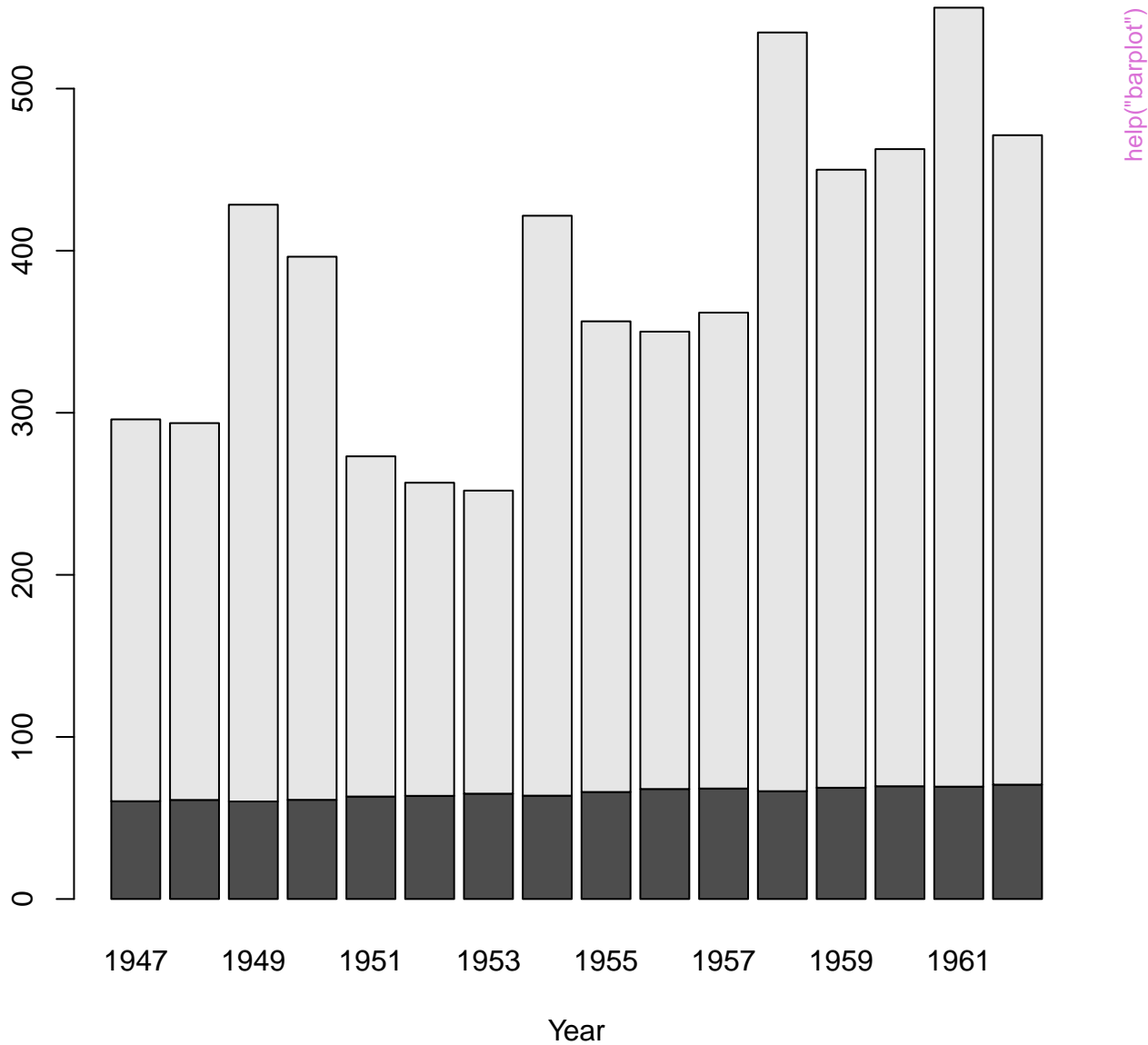


axis(1, ..., gap.axis = f),  $f \geq 0$



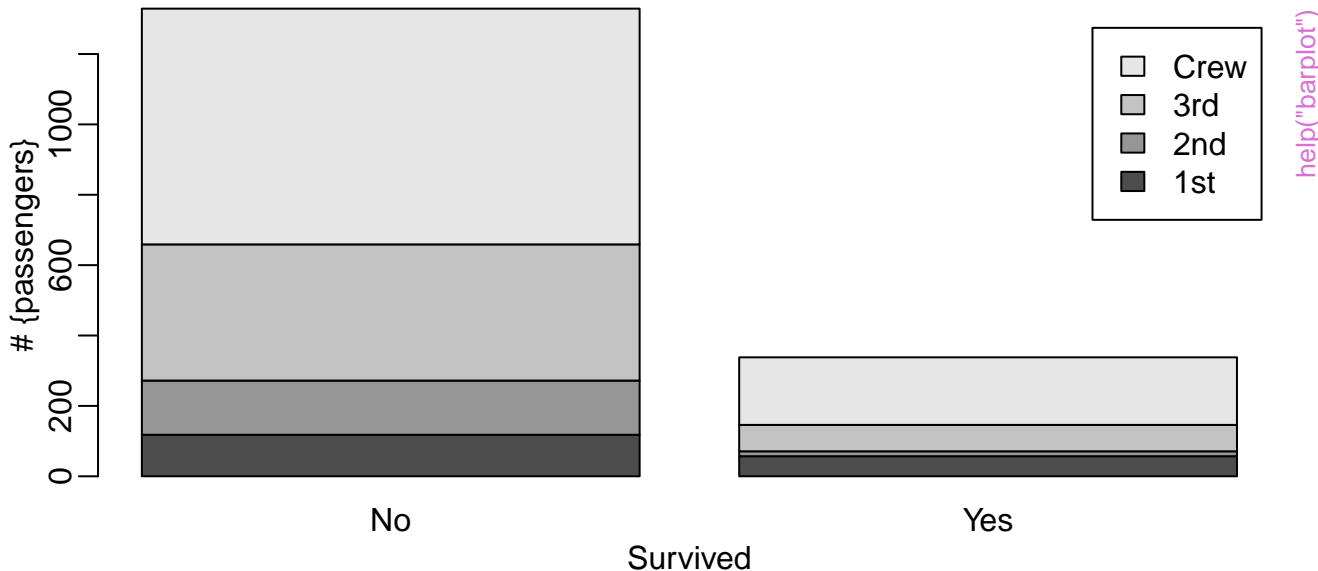
help("axis")



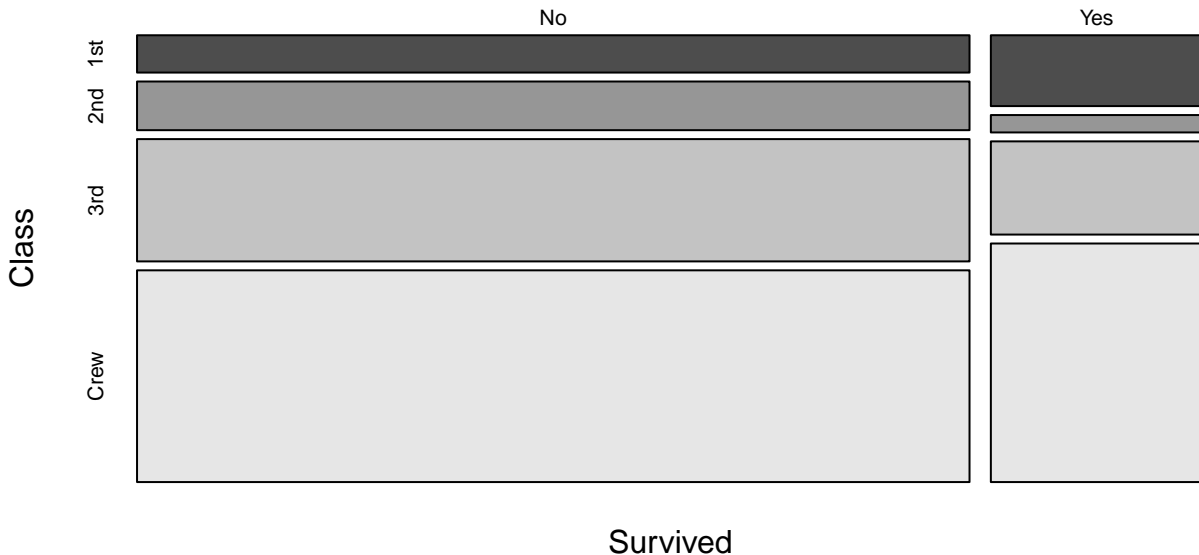


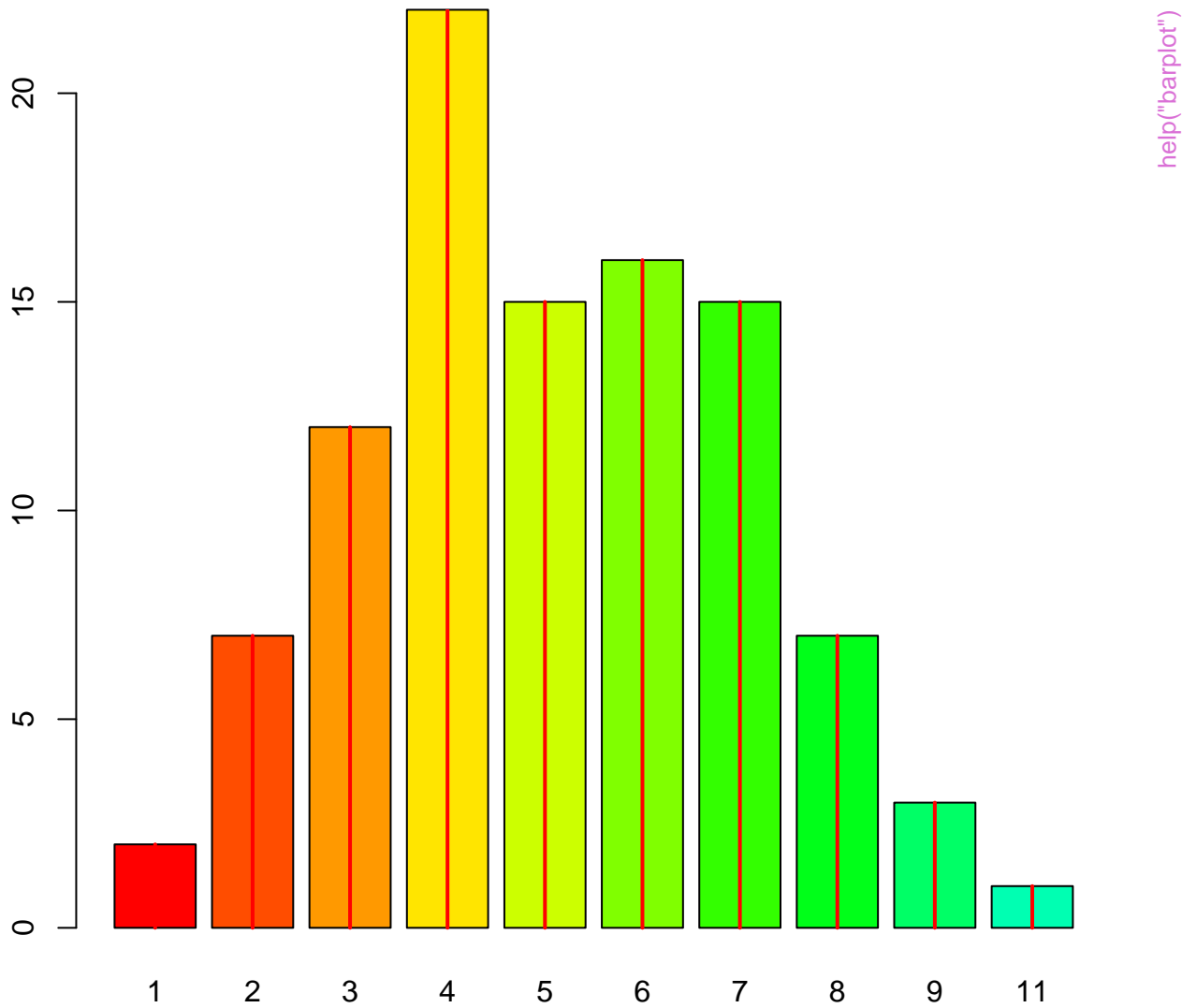


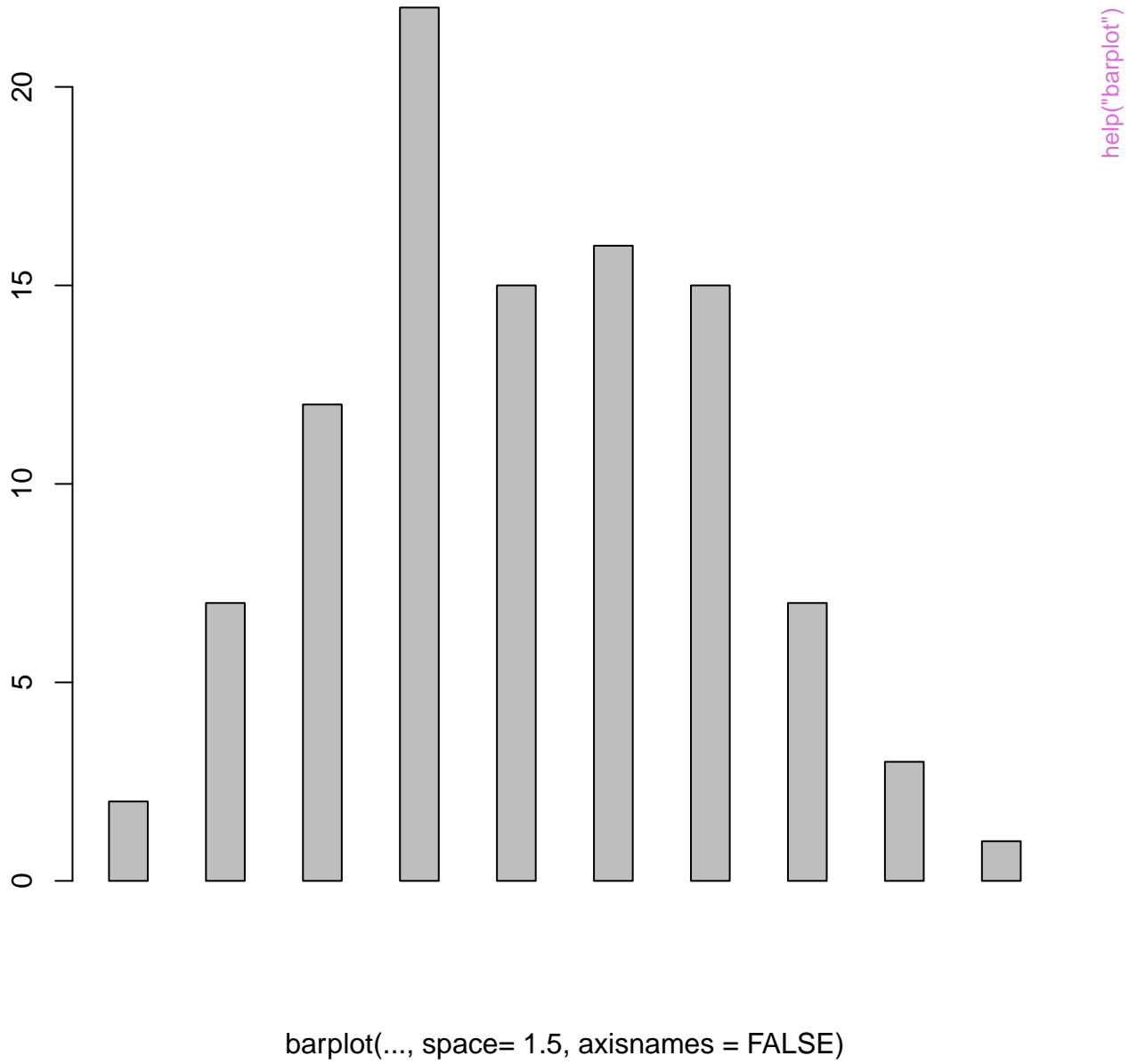
**barplot(Freq ~ Class + Survived, \*)**

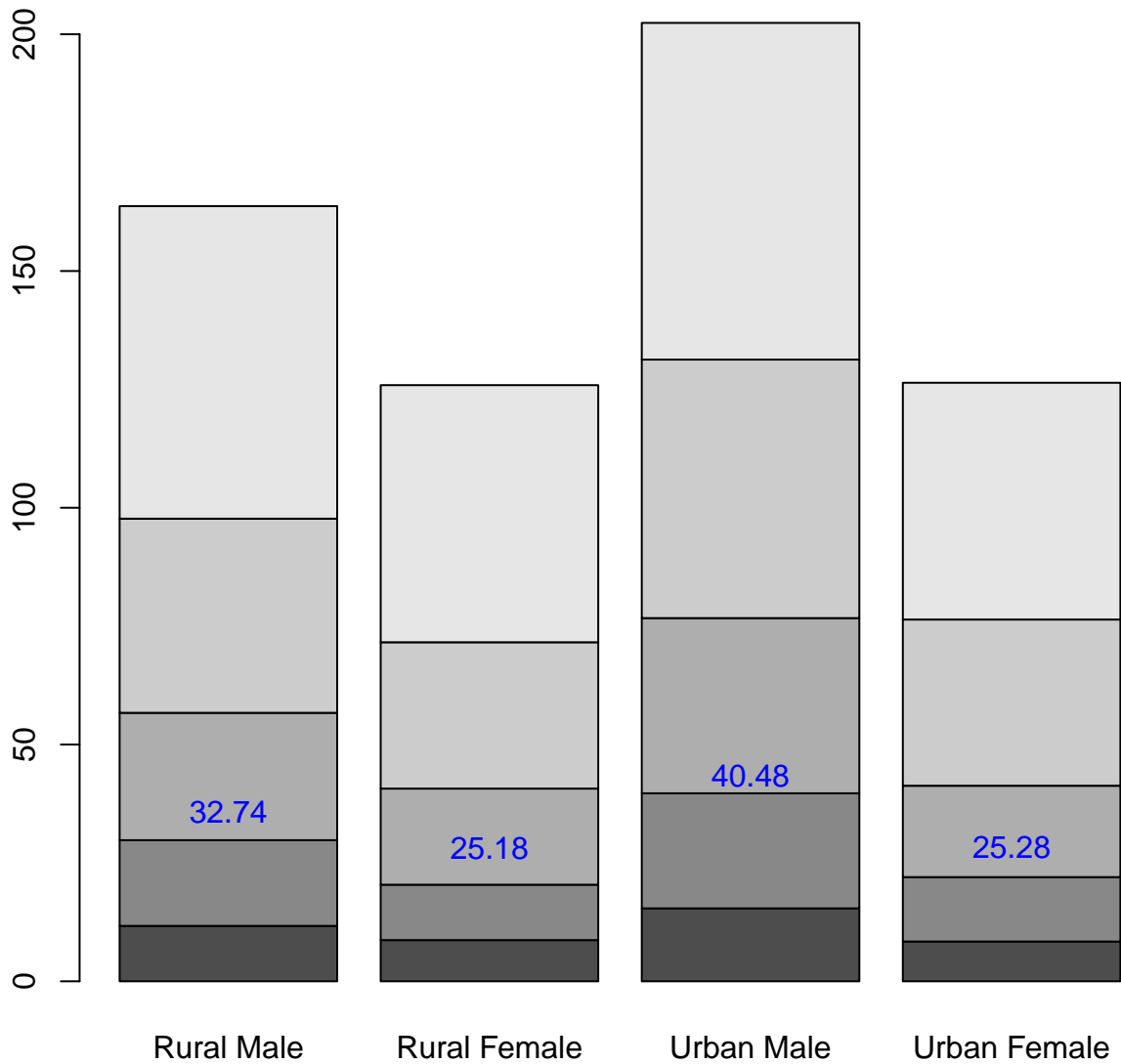


**mosaicplot(Freq ~ Class + Survived, \*)**



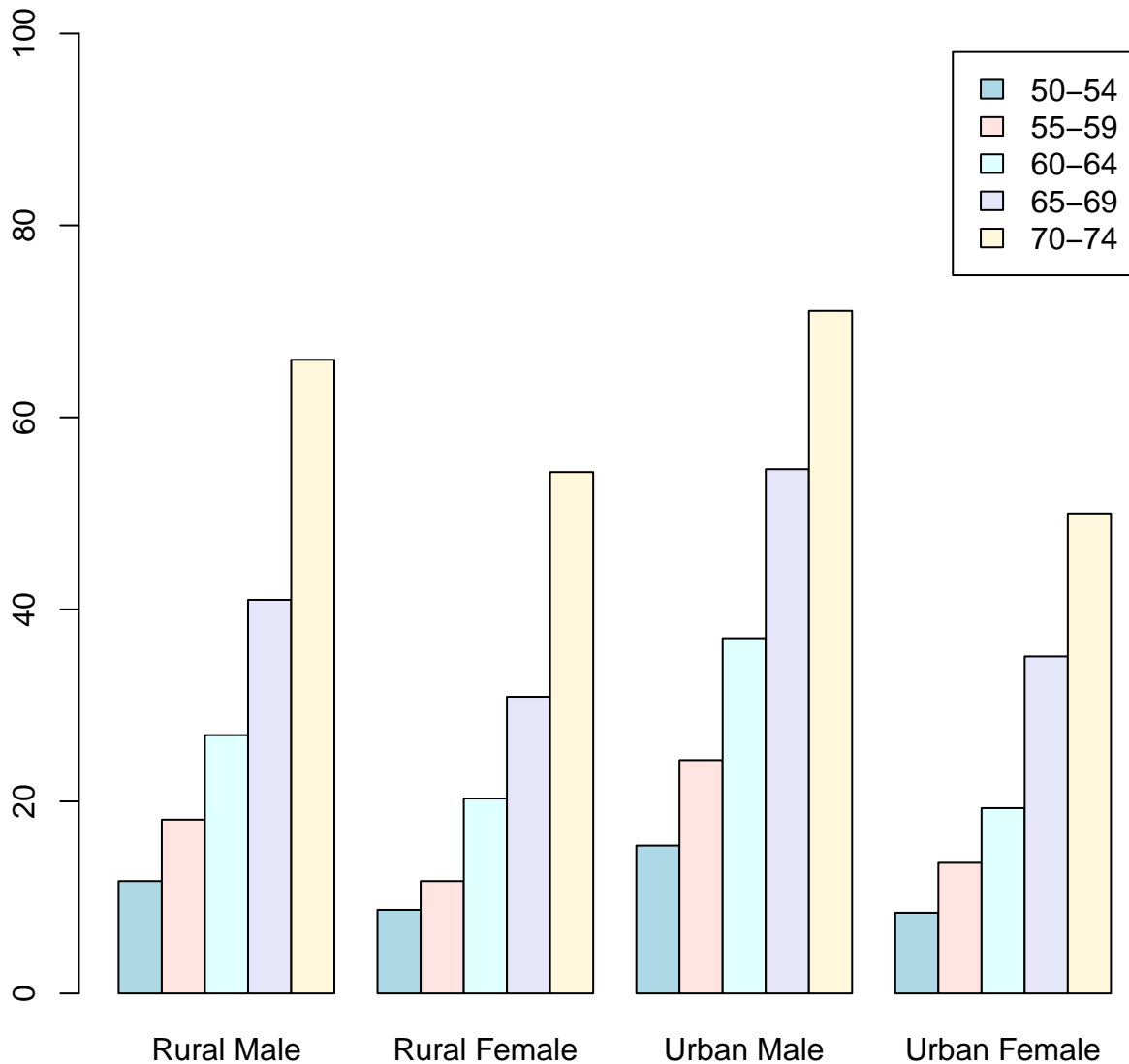






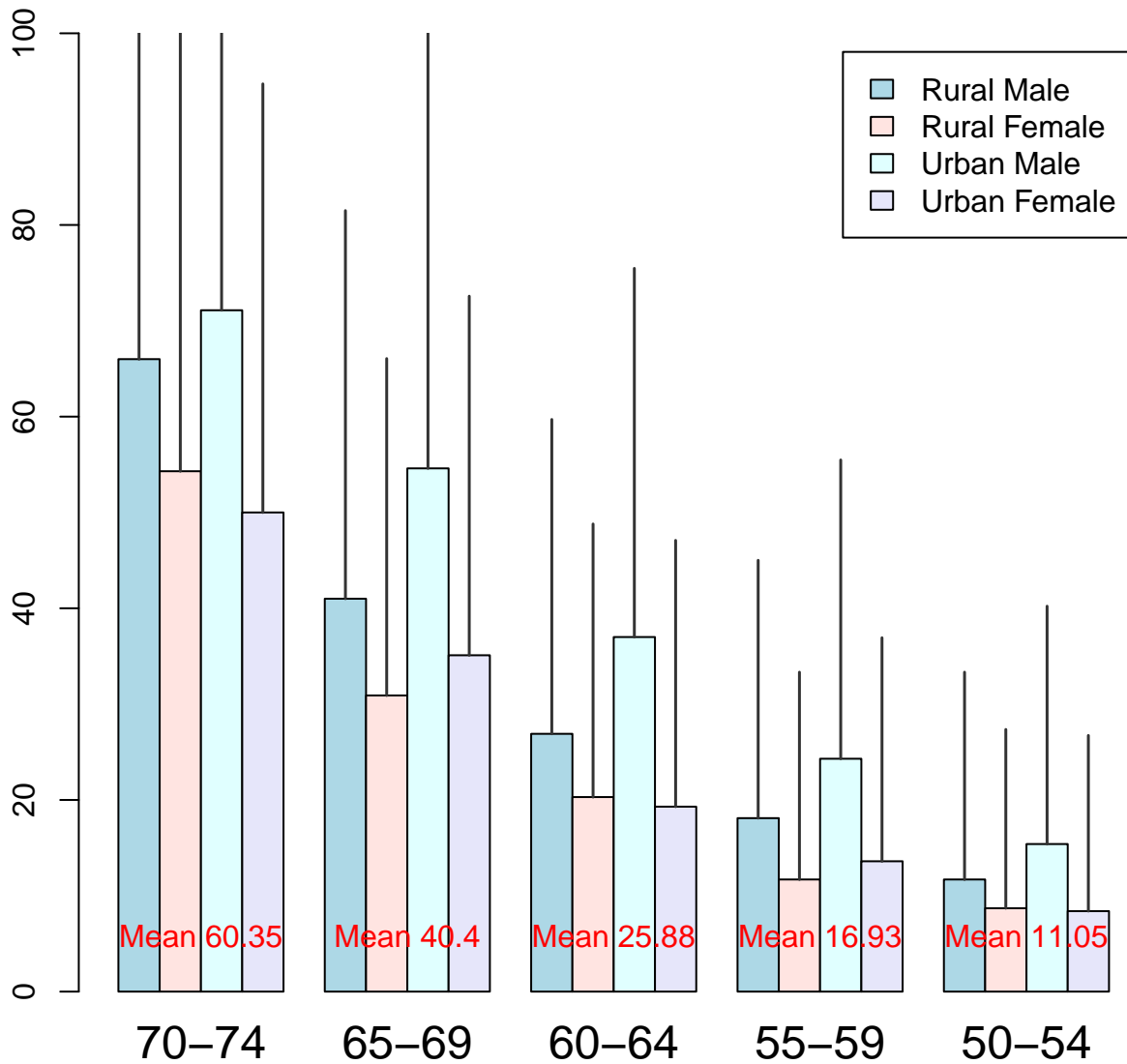
help("barplot")

## *Death Rates in Virginia*



help("barplot")

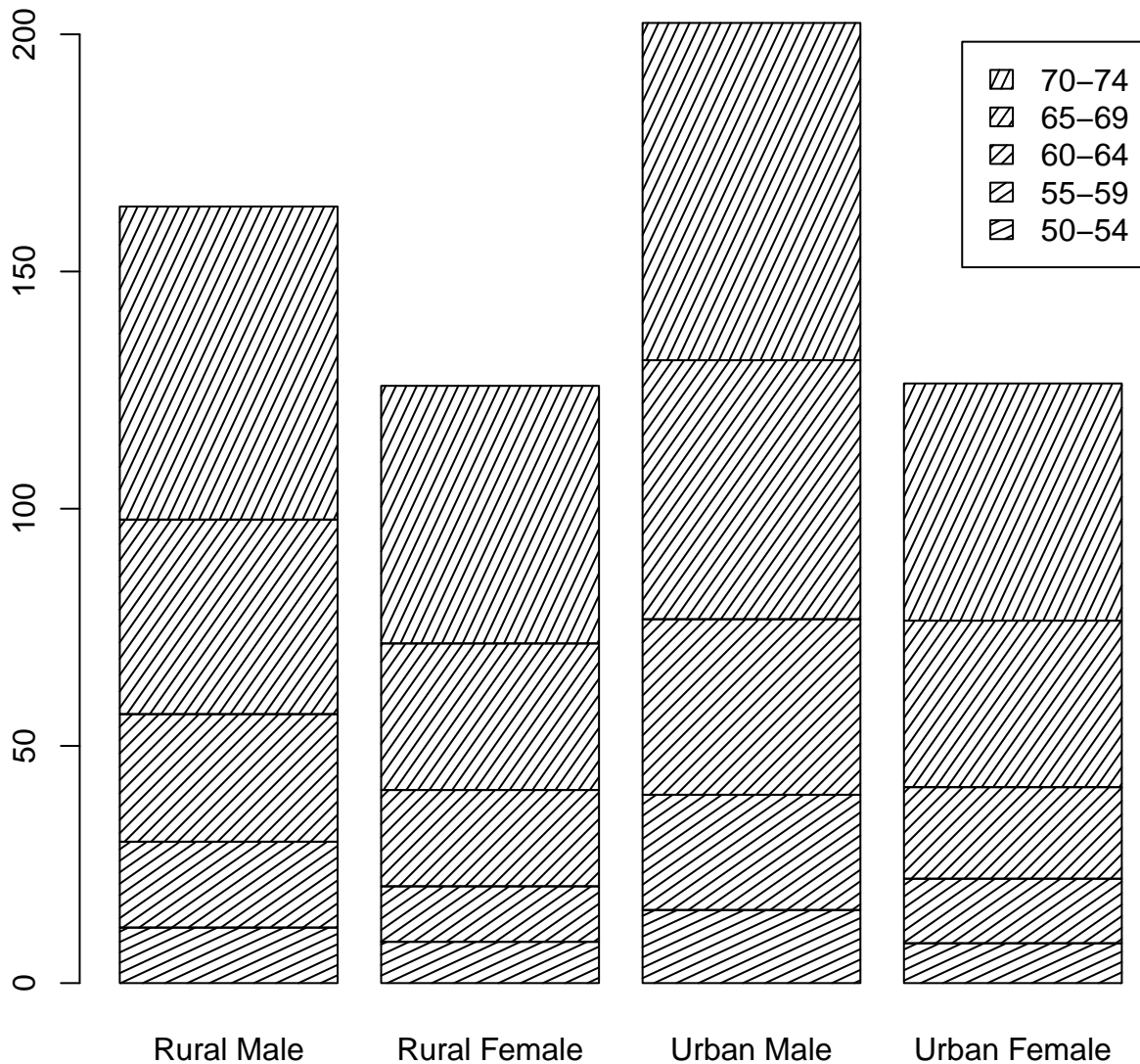
## Death Rates in Virginia



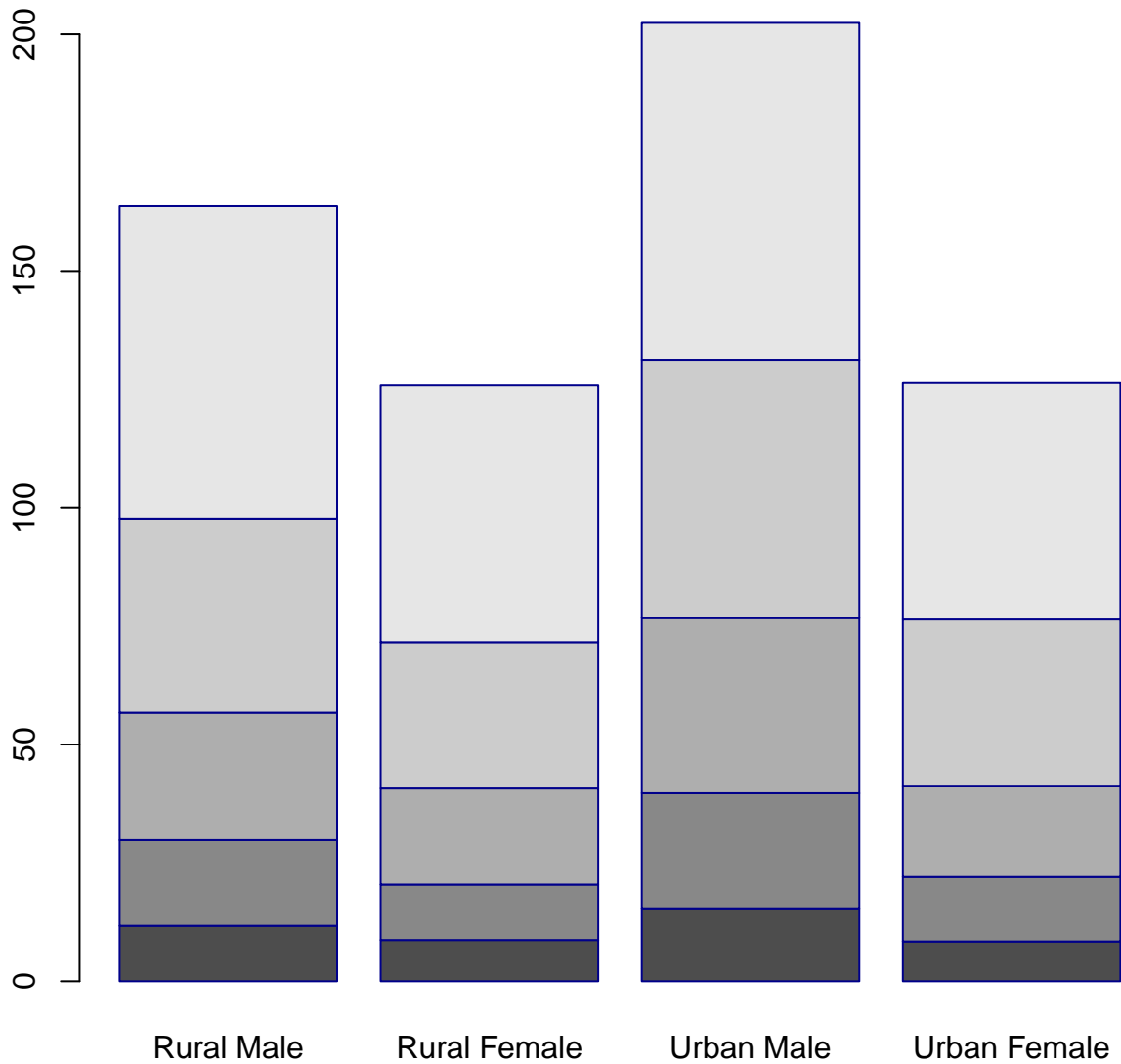
Faked upper 2\*sigma error bars

help("barplot")

## *Death Rates in Virginia*

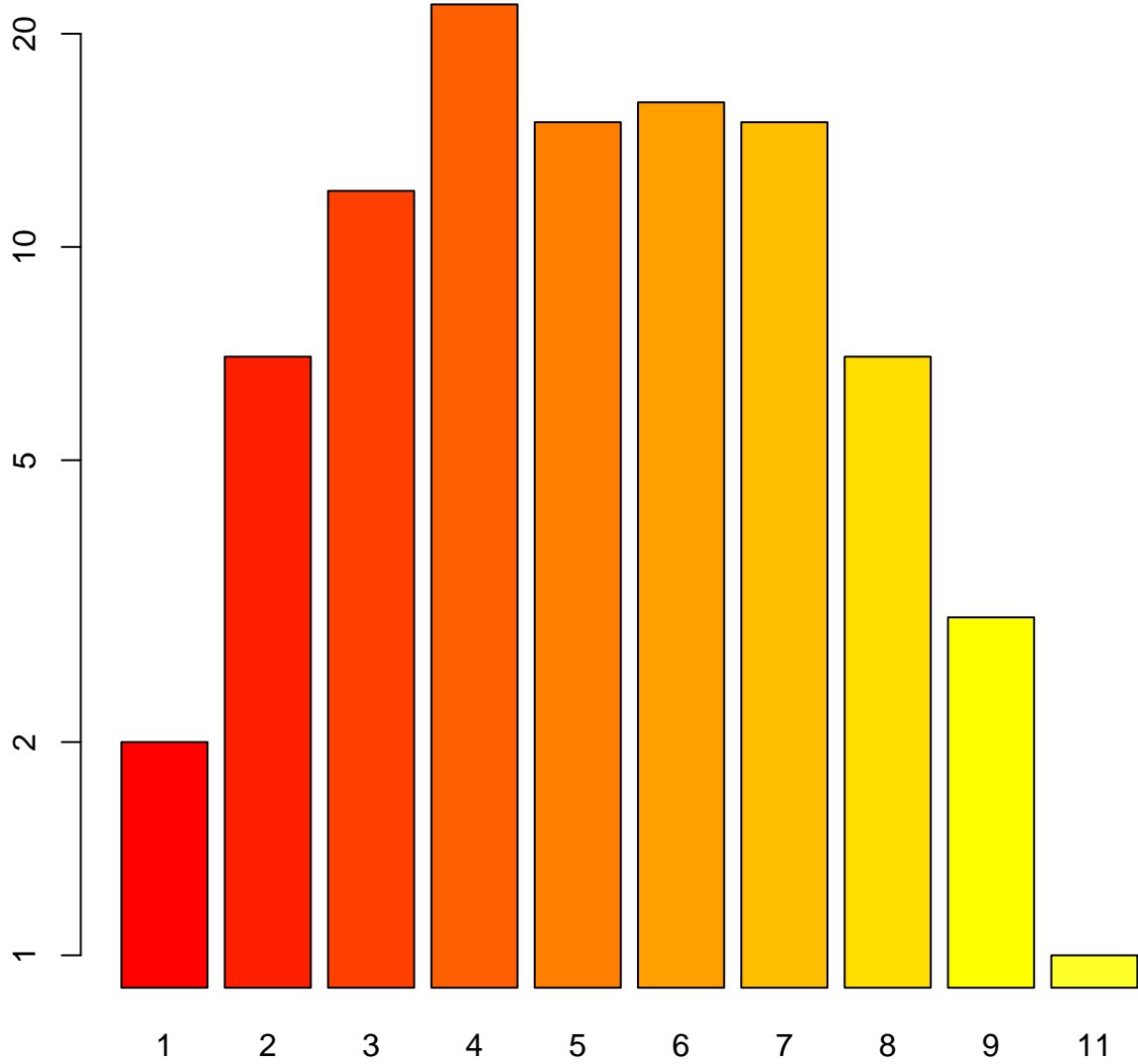


help("barplot")

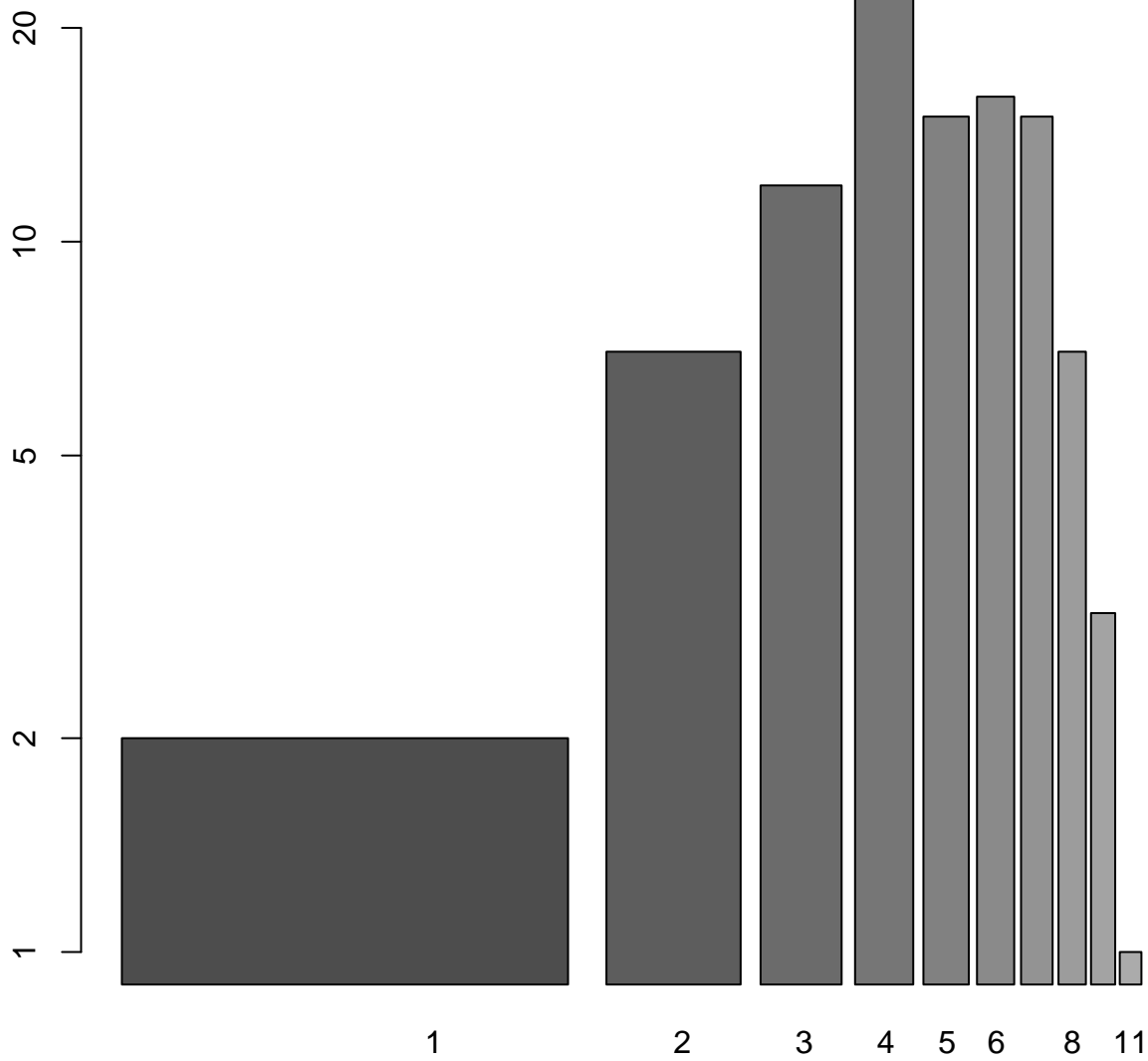


help("barplot")

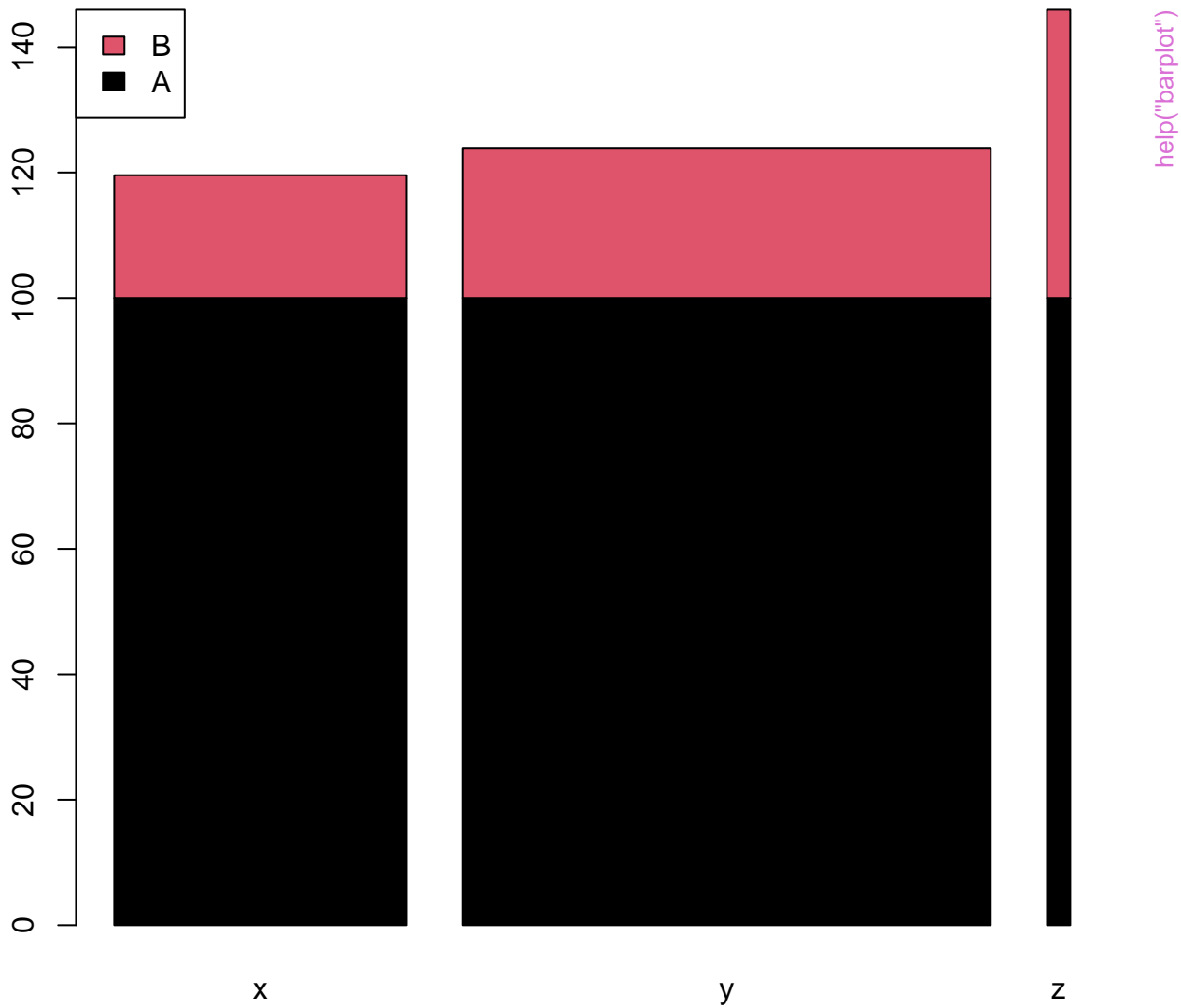




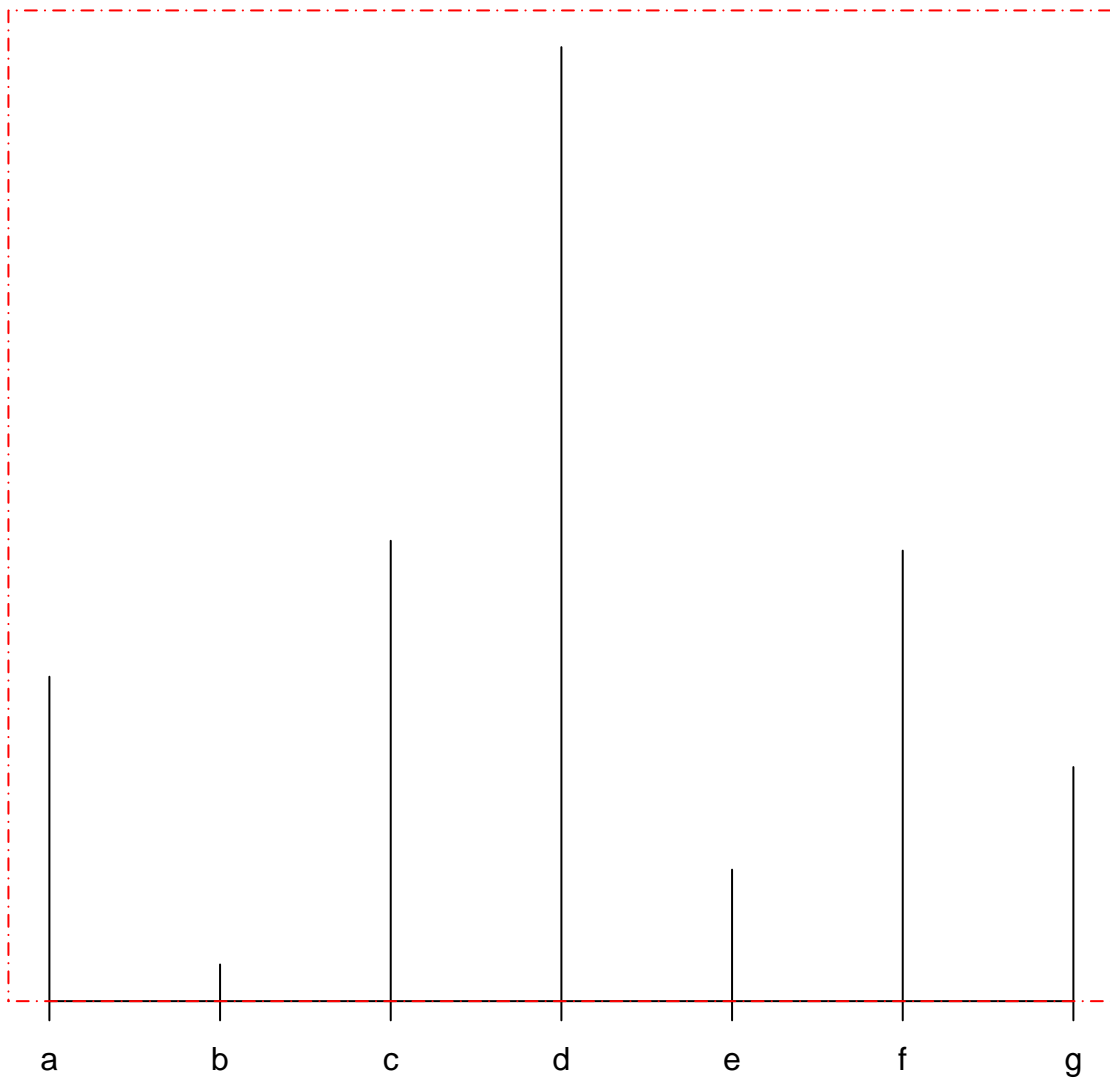
`help("barplot")`



help("barplot")

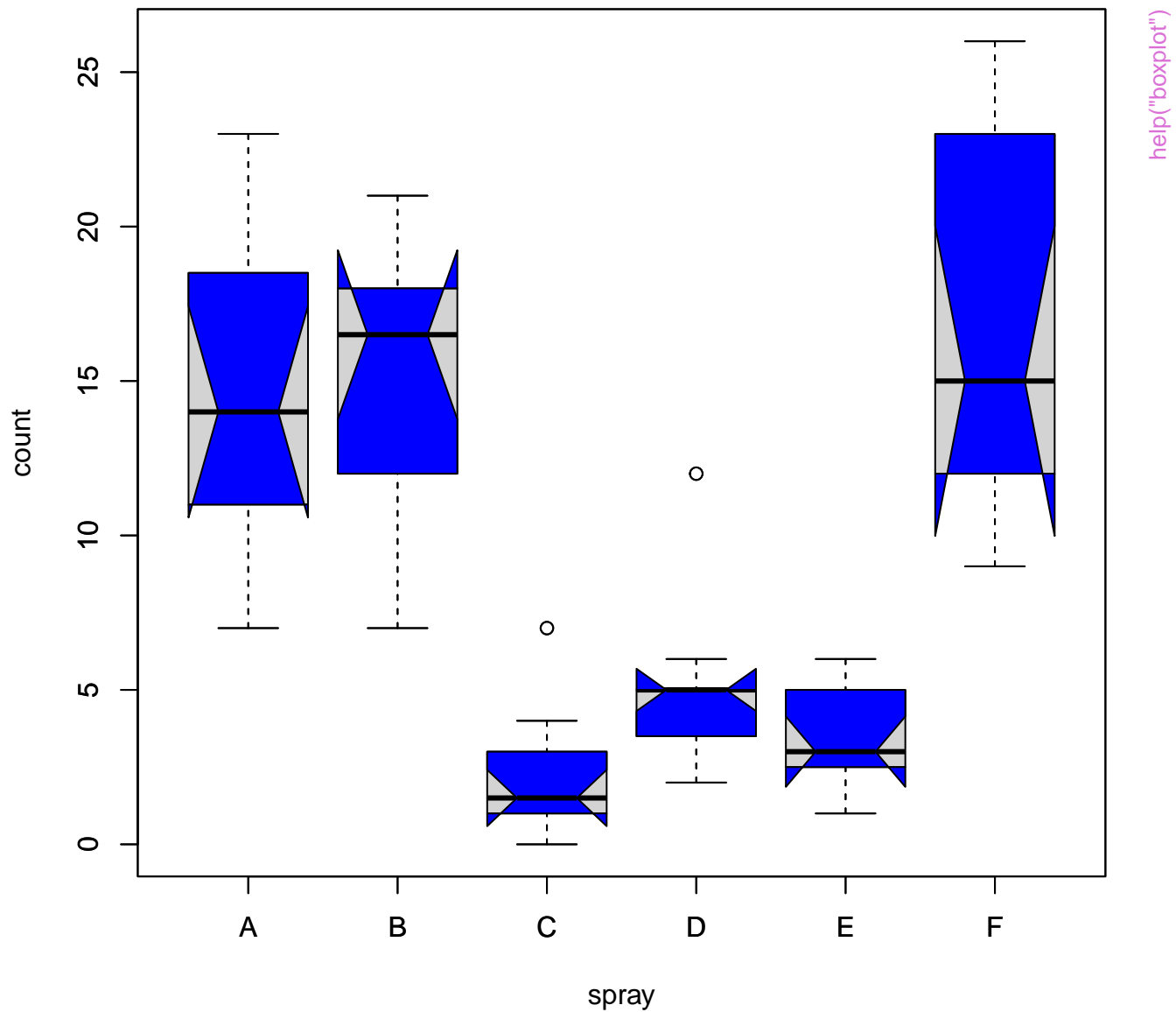


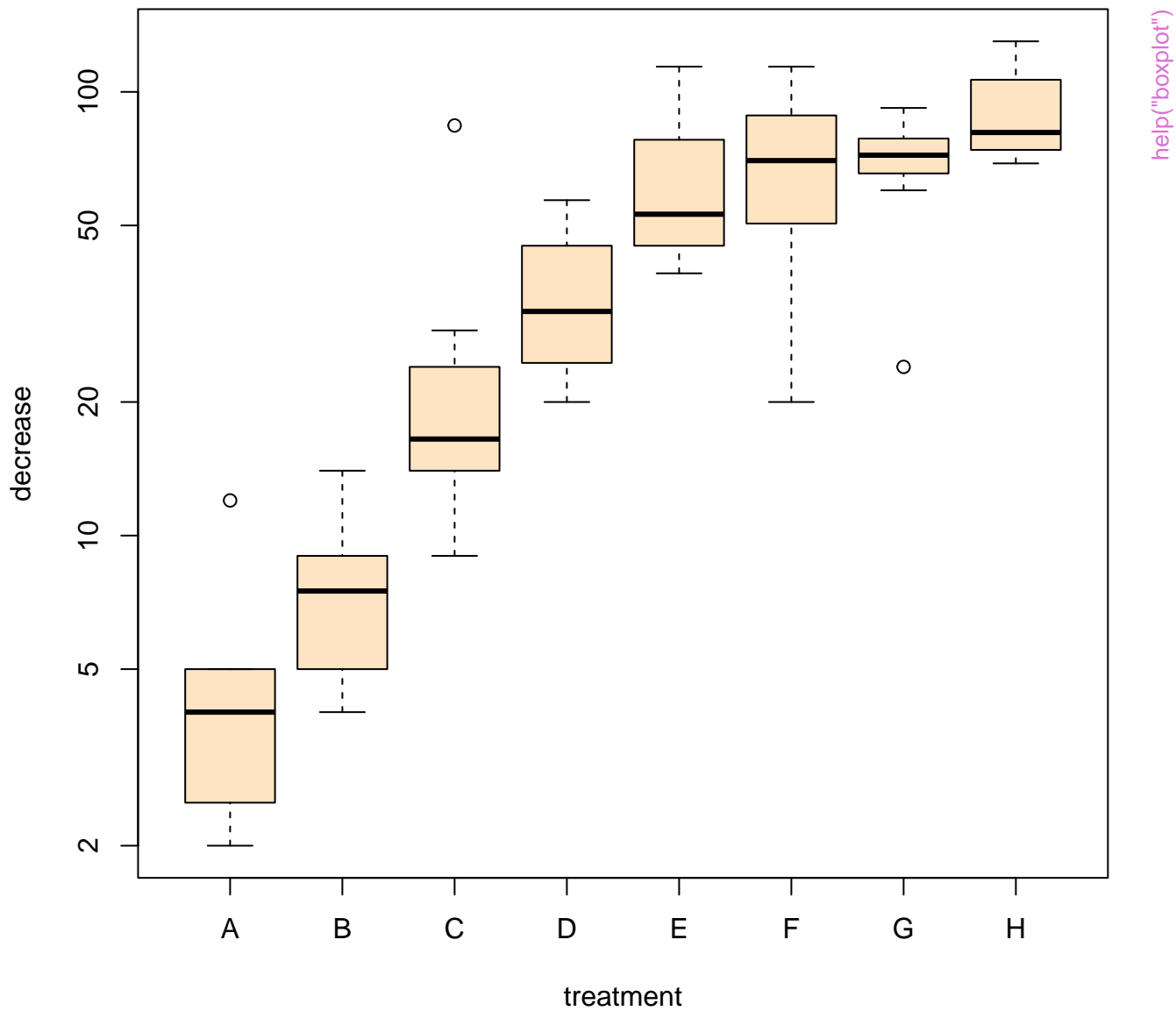
abs(stats::rnorm(7))

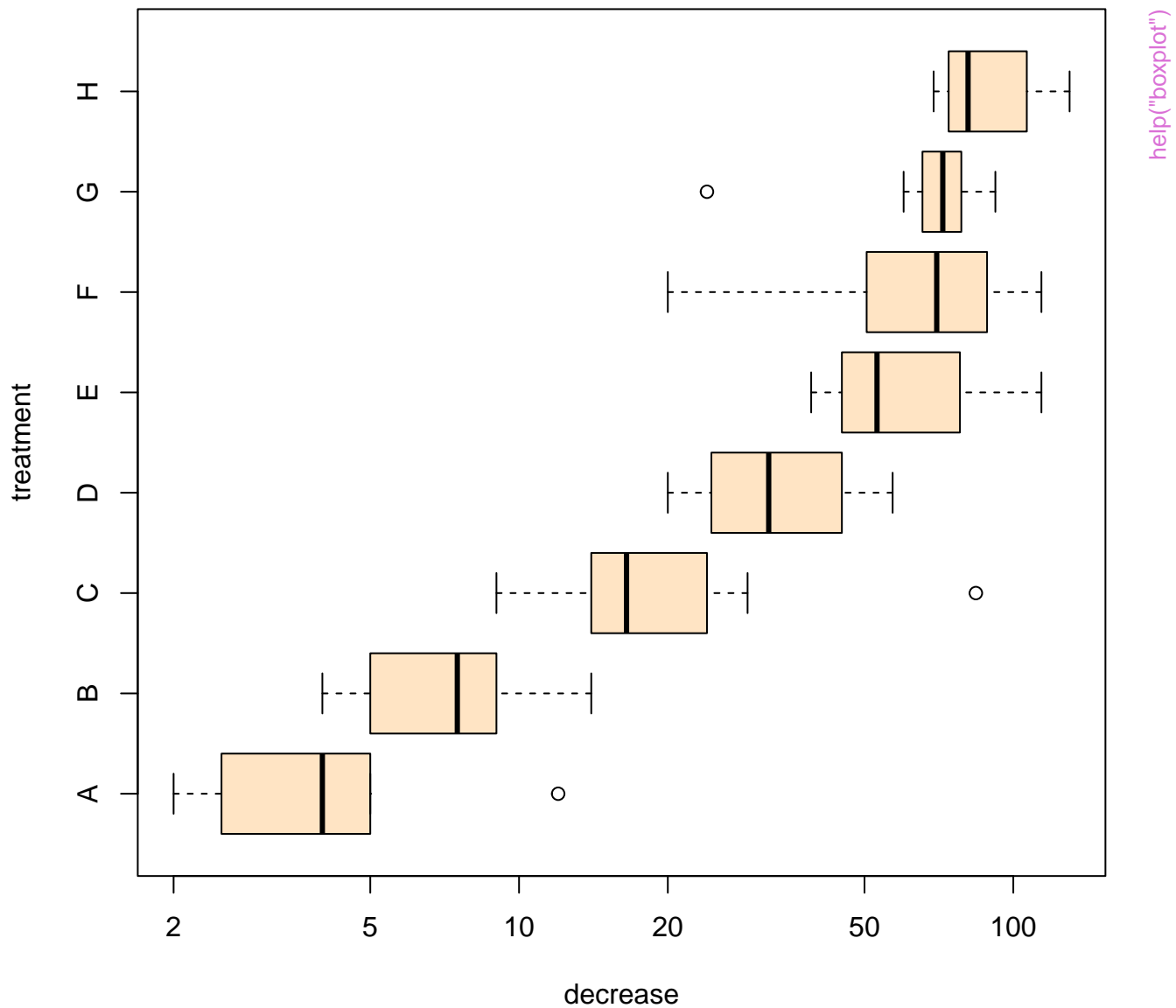


1:7

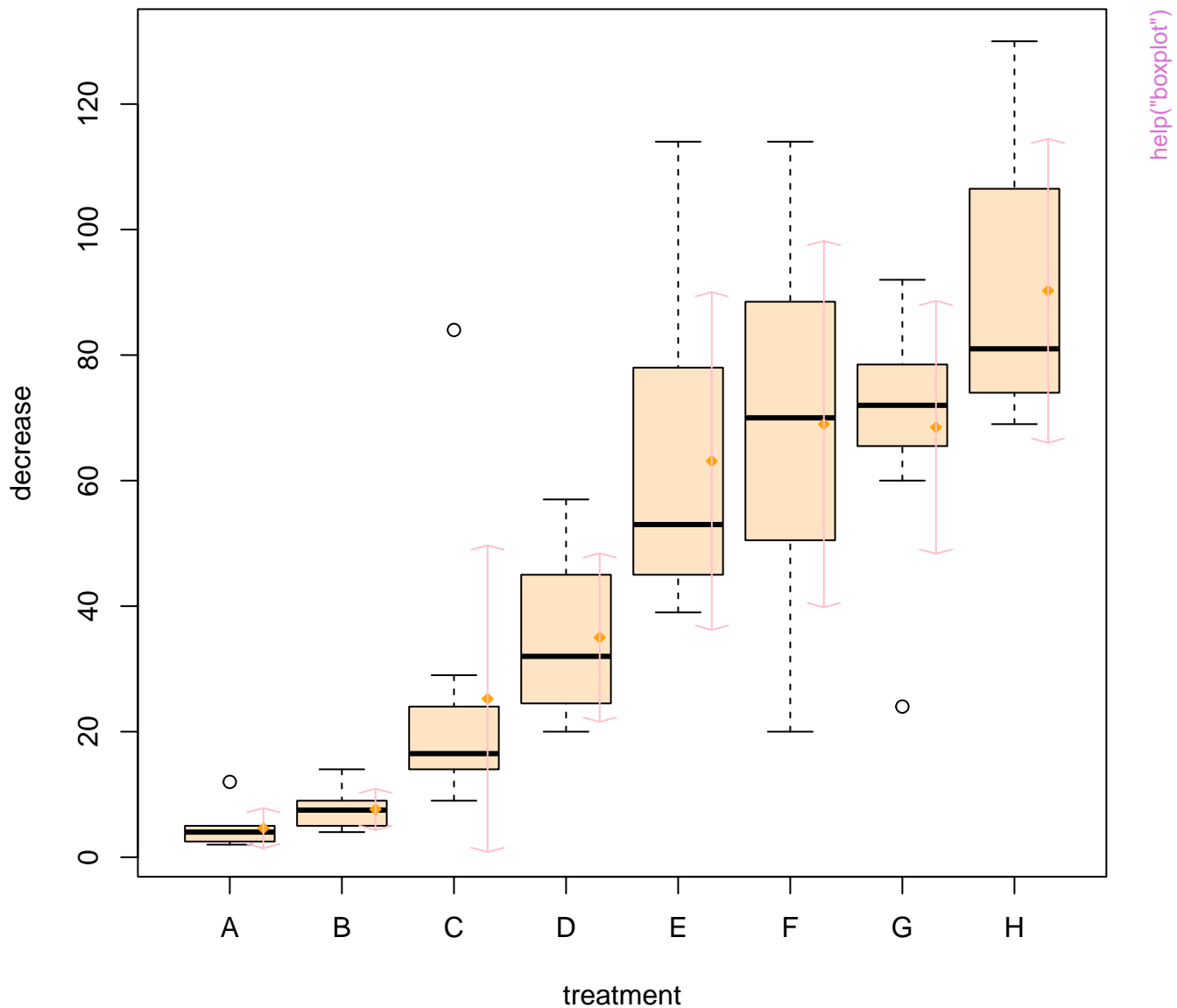
help("box")



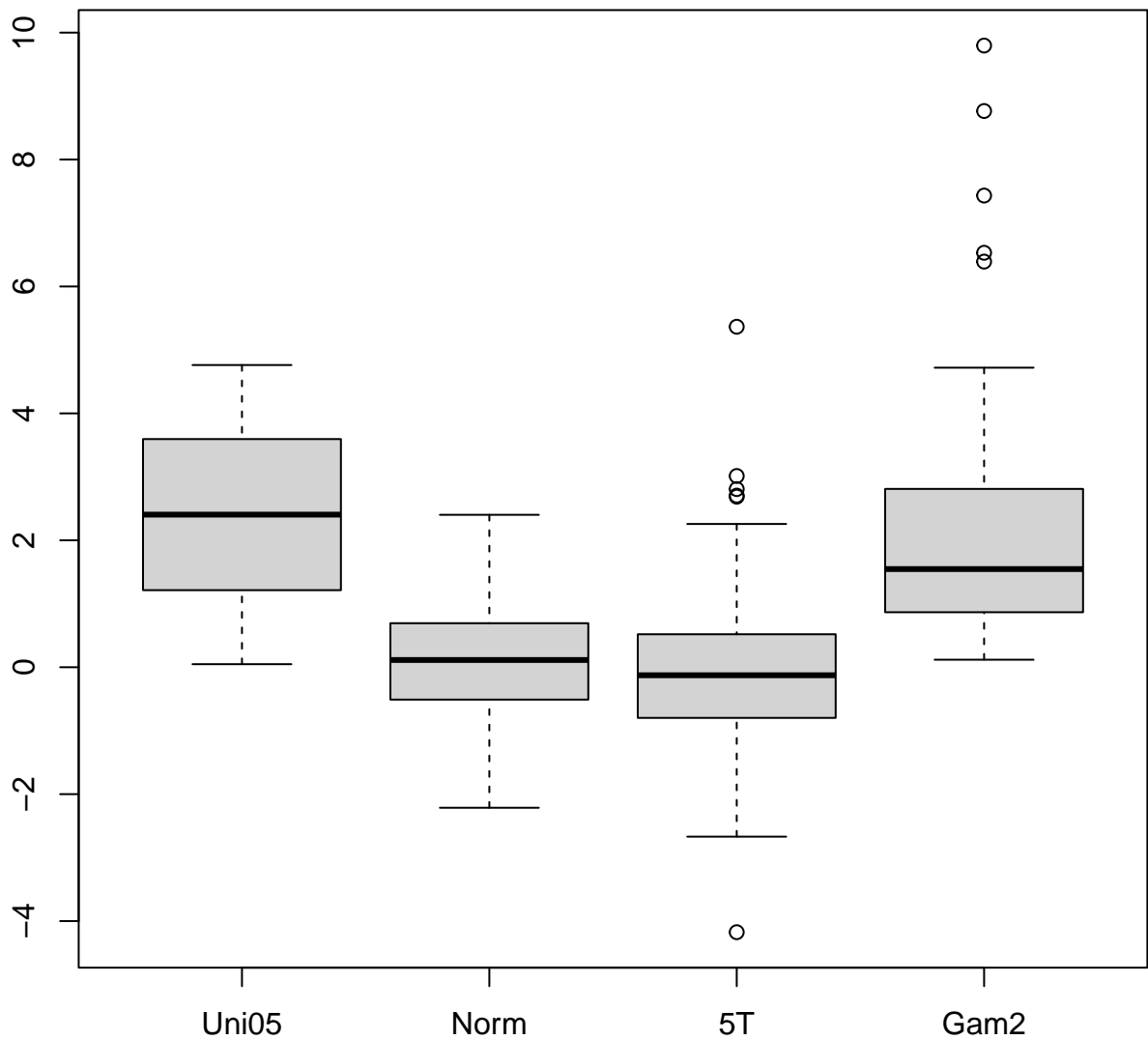




# Comparing boxplot(s) and non-robust mean $\pm$ SD

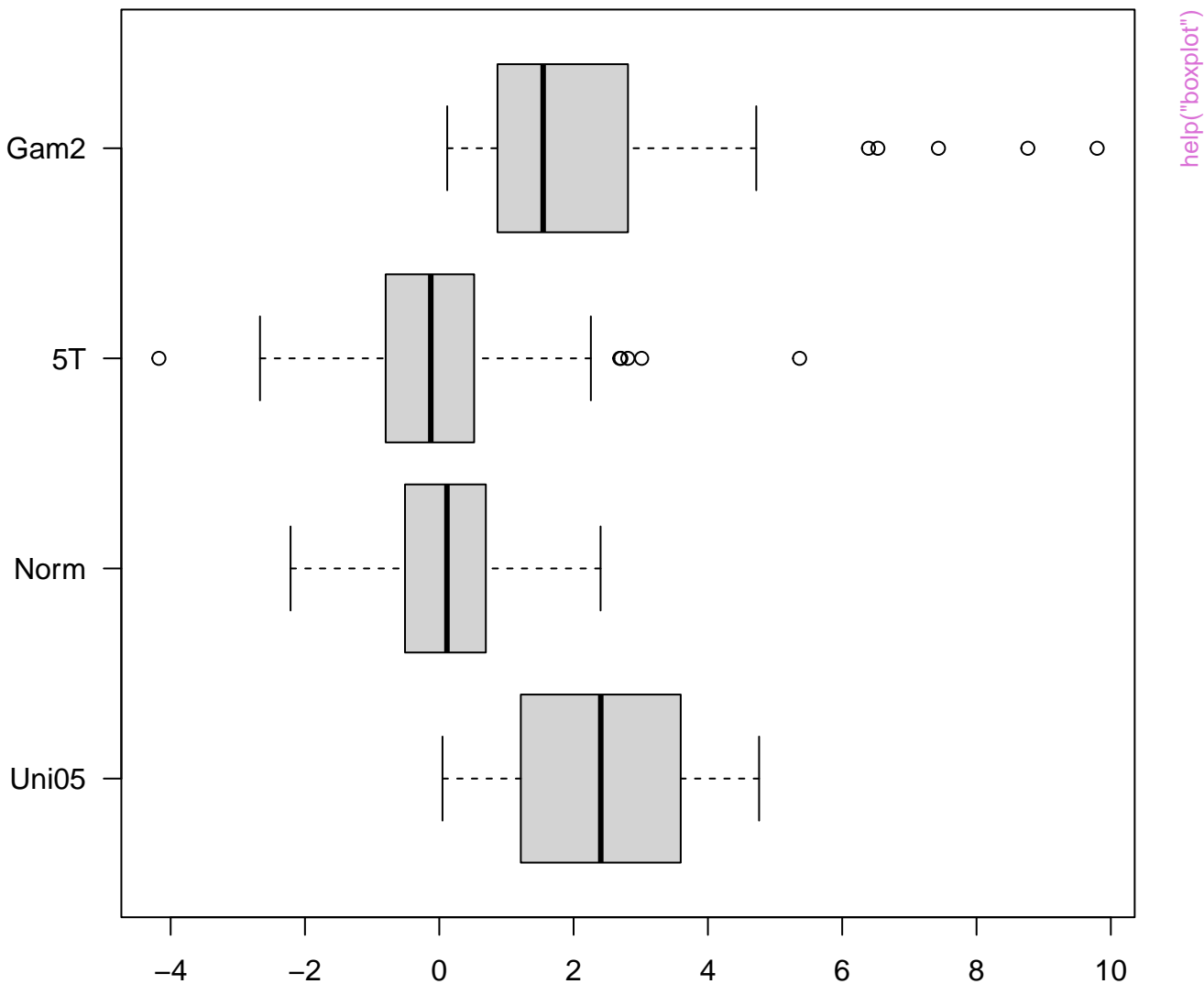






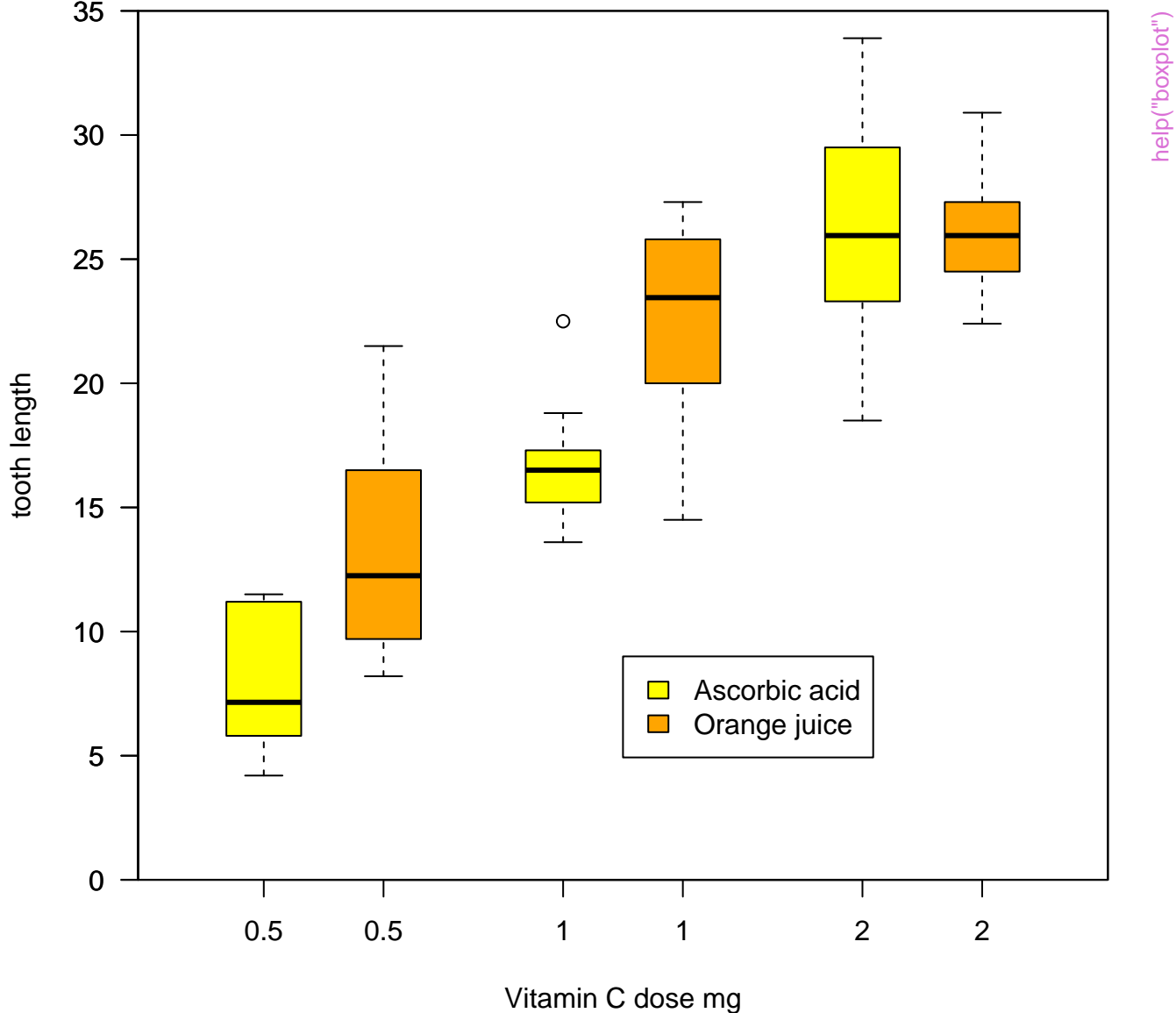
help("boxplot")

**boxplot(\*, horizontal = TRUE)**

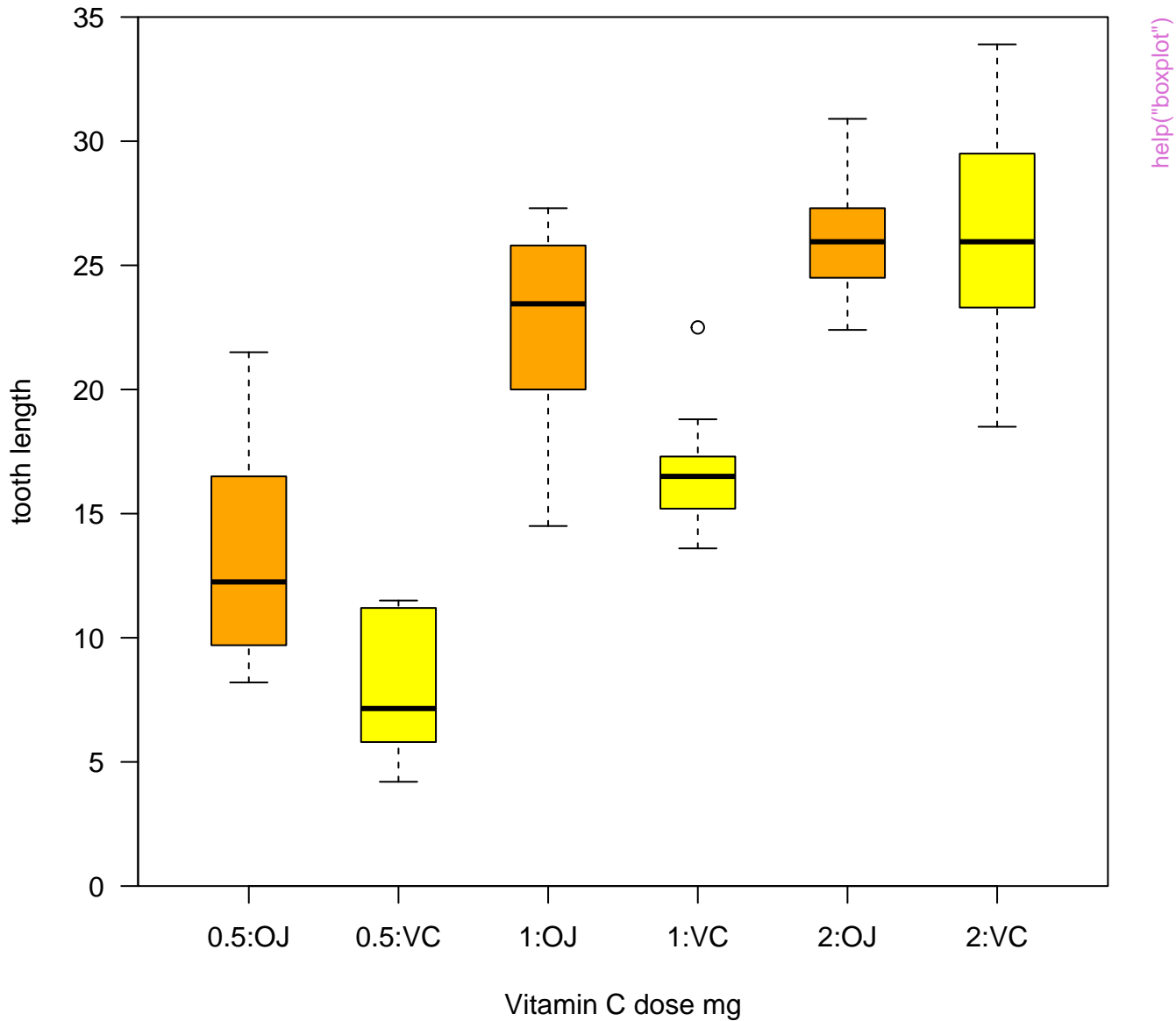


help("boxplot")

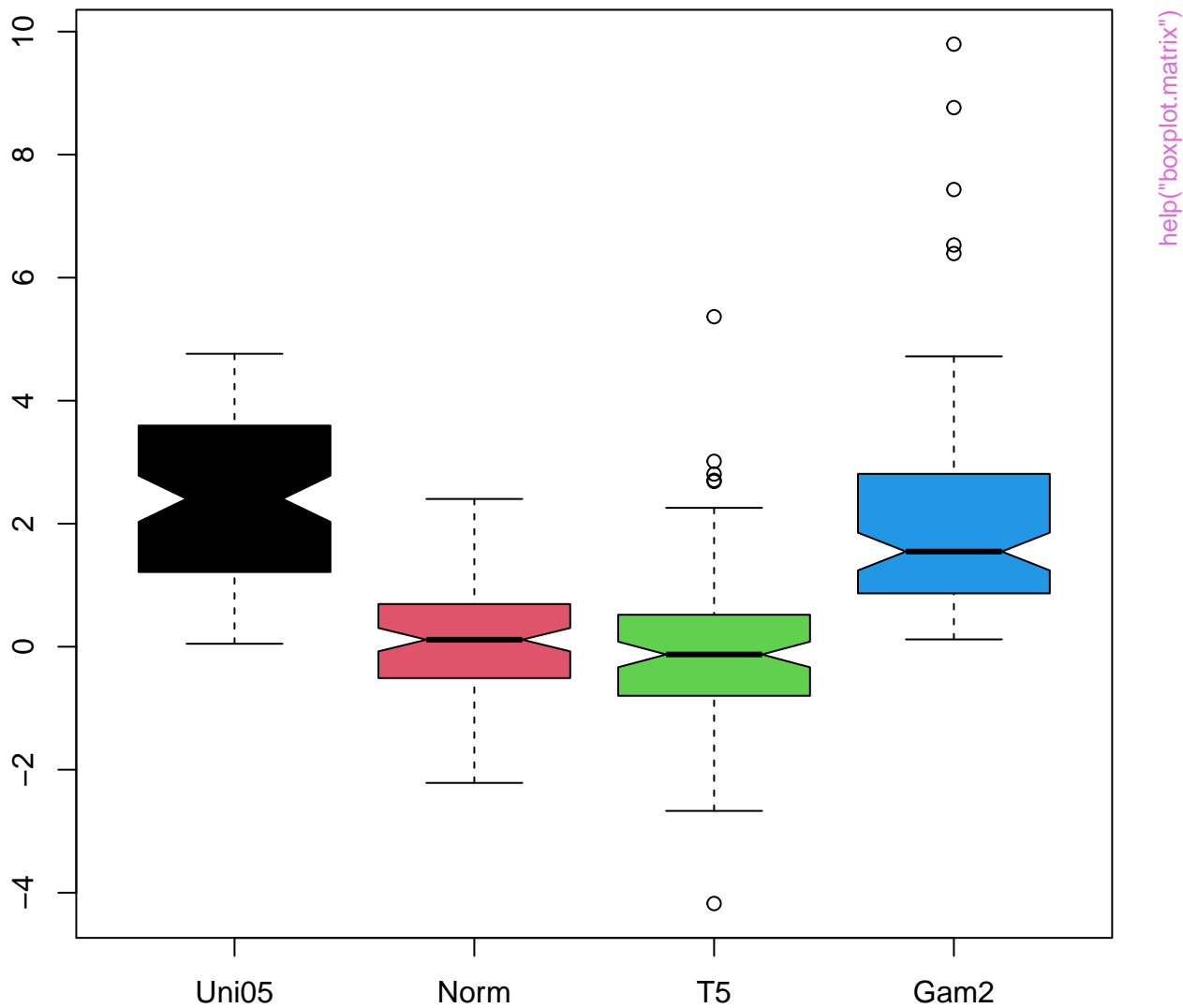
Guinea Pigs' Tooth Growth



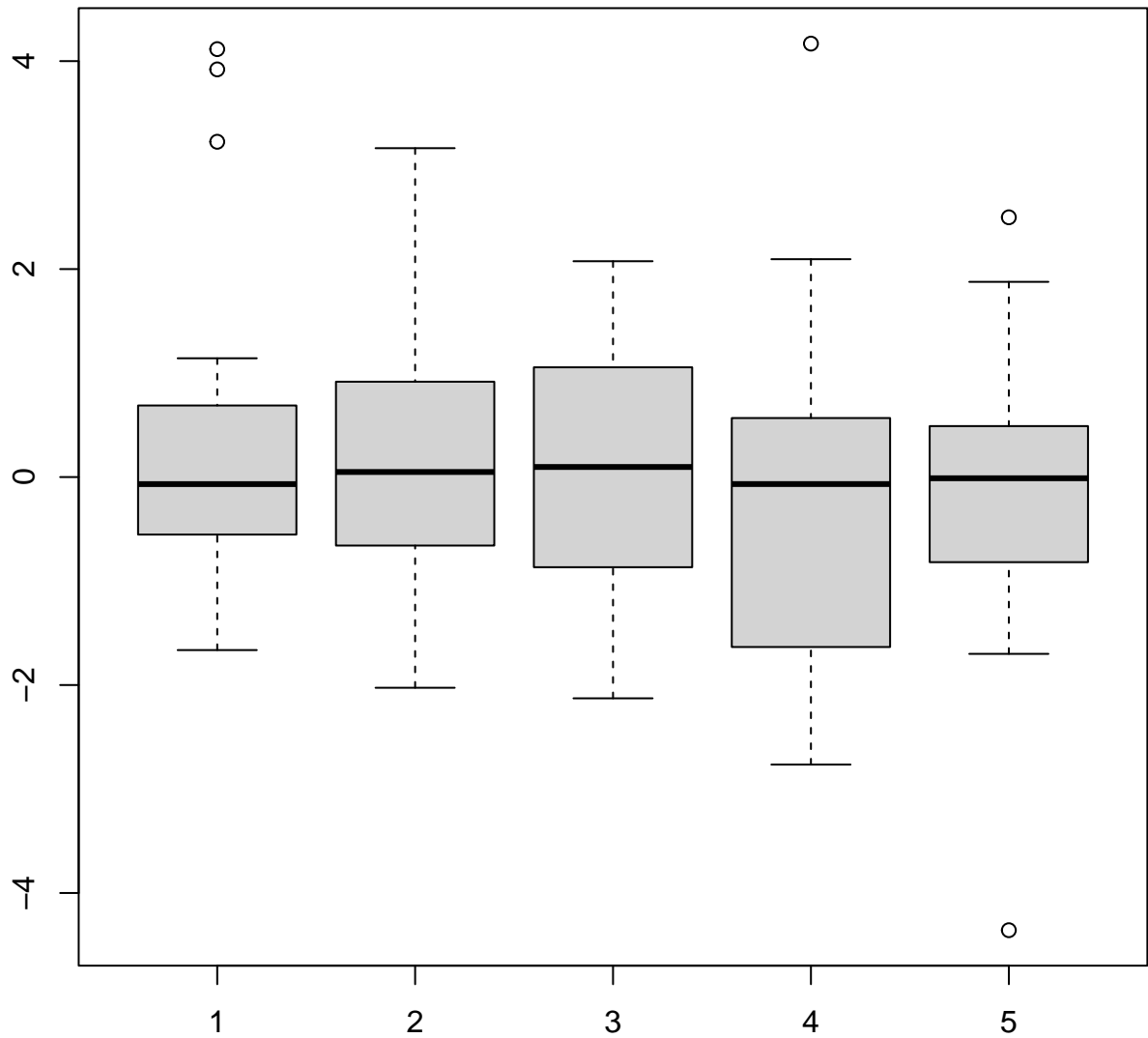
# Guinea Pigs' Tooth Growth



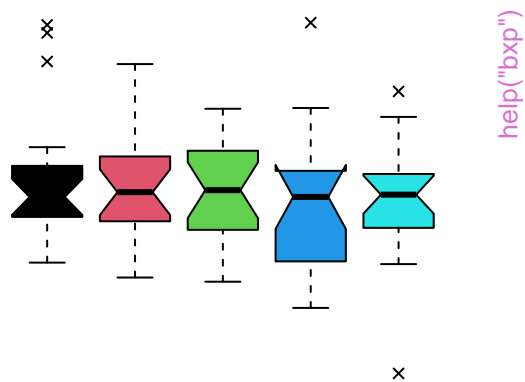
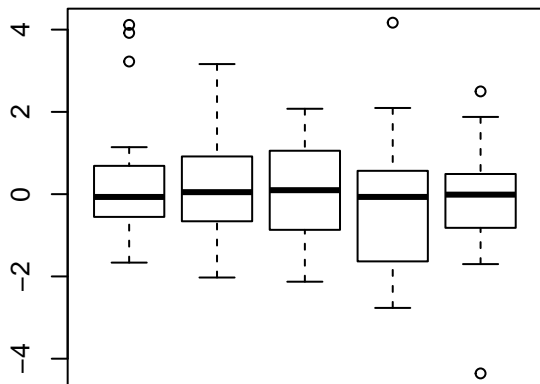
**boxplot.matrix(...., main = ...)**



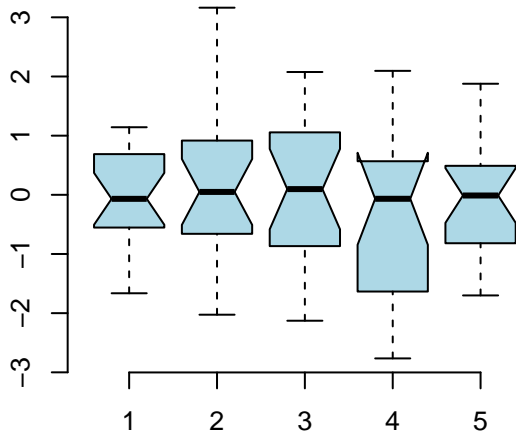
[help\("boxplot.matrix"\)](#)



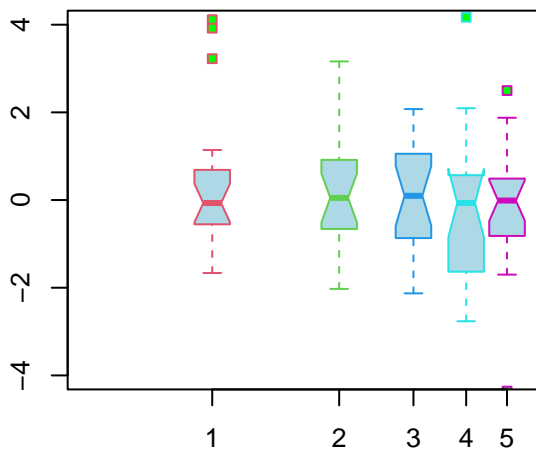
help("bxp")

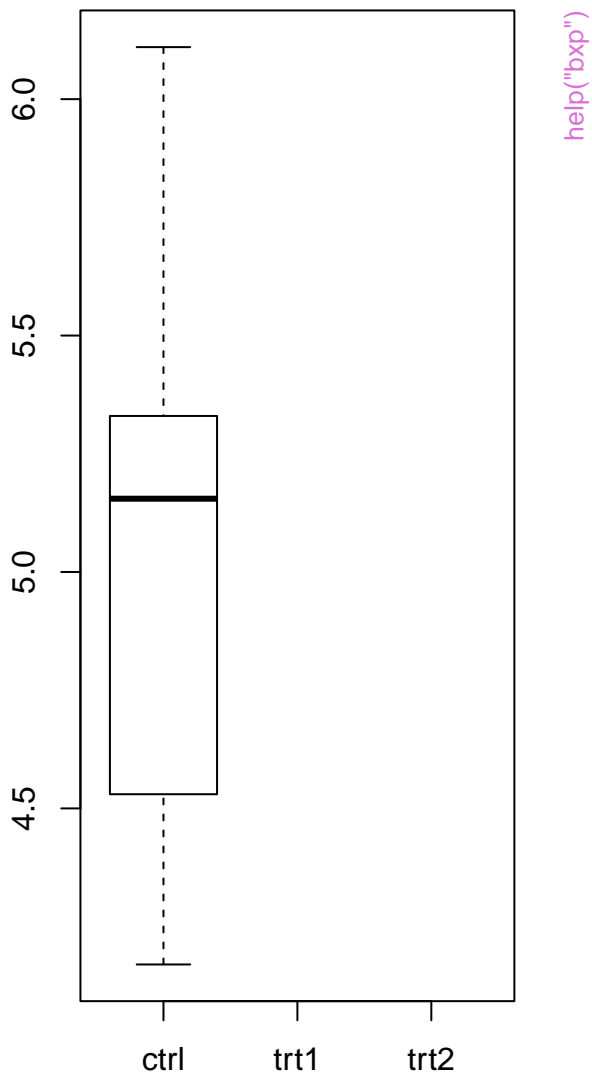
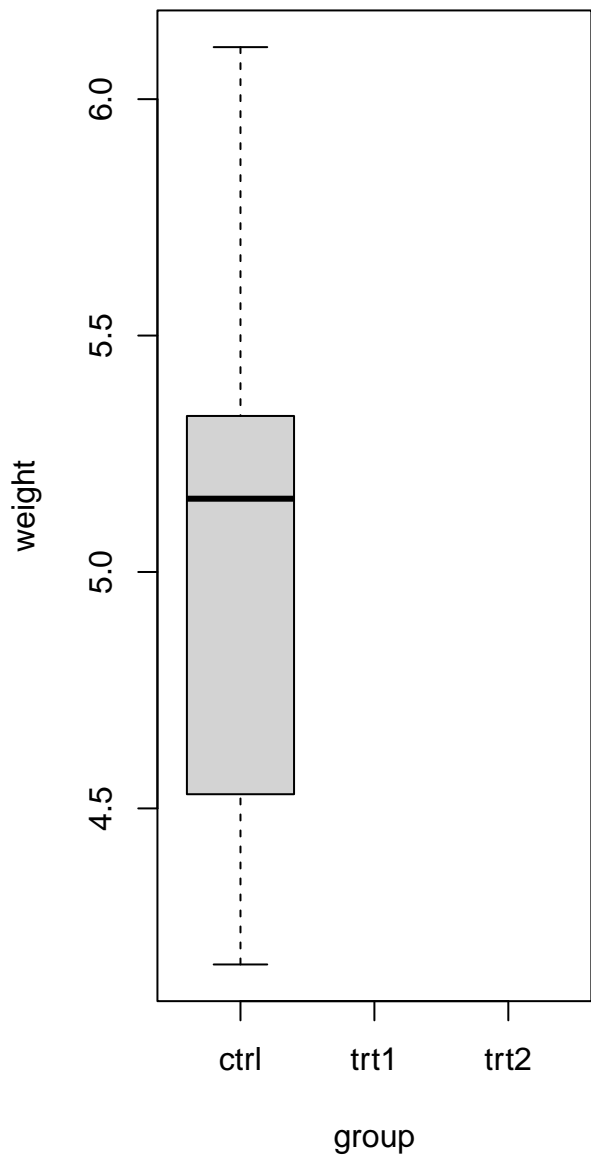


**`bxp(*, frame.plot= FALSE, outline= FALSE`**

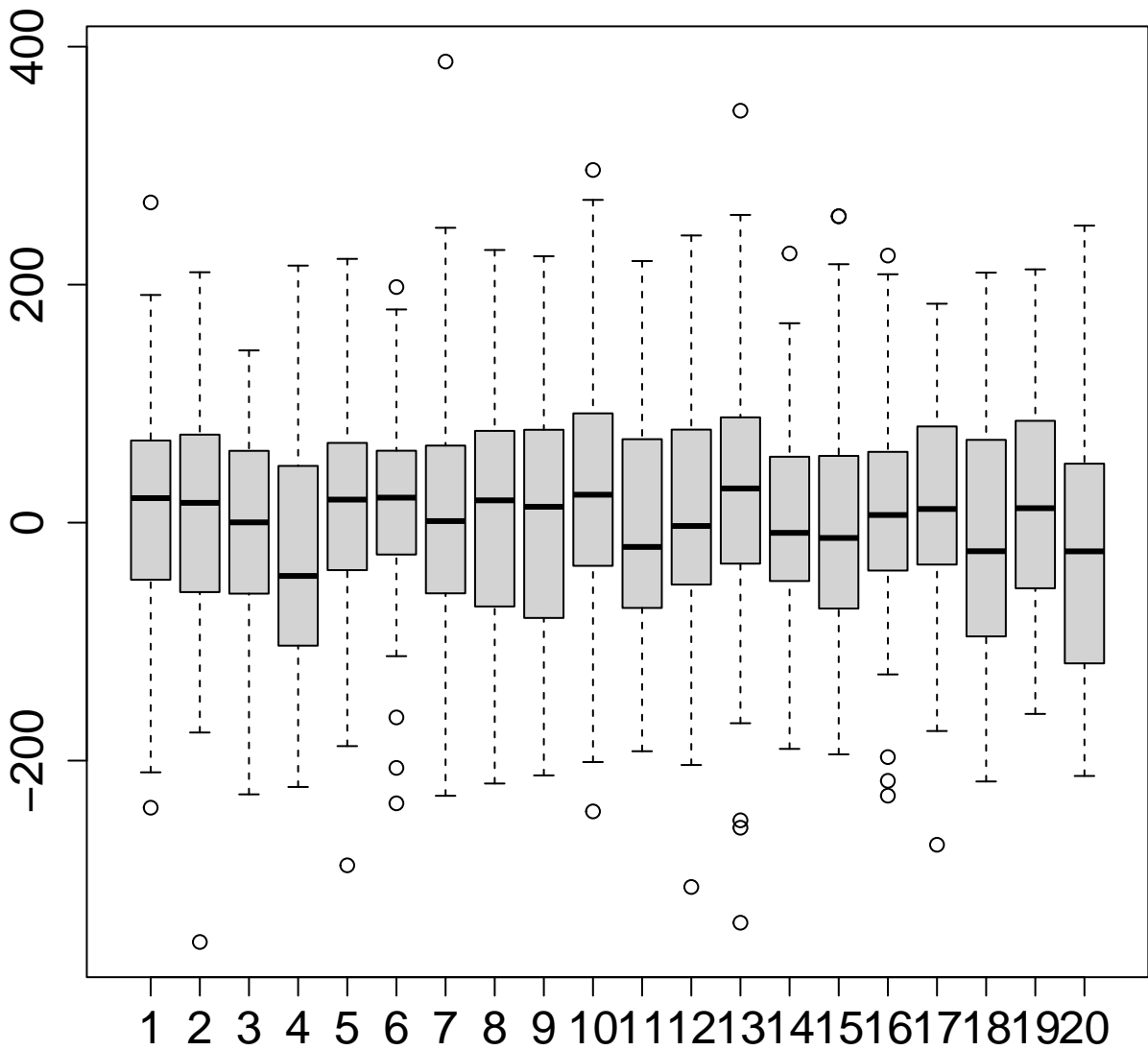


**`... log = 'x', ylim = *`**



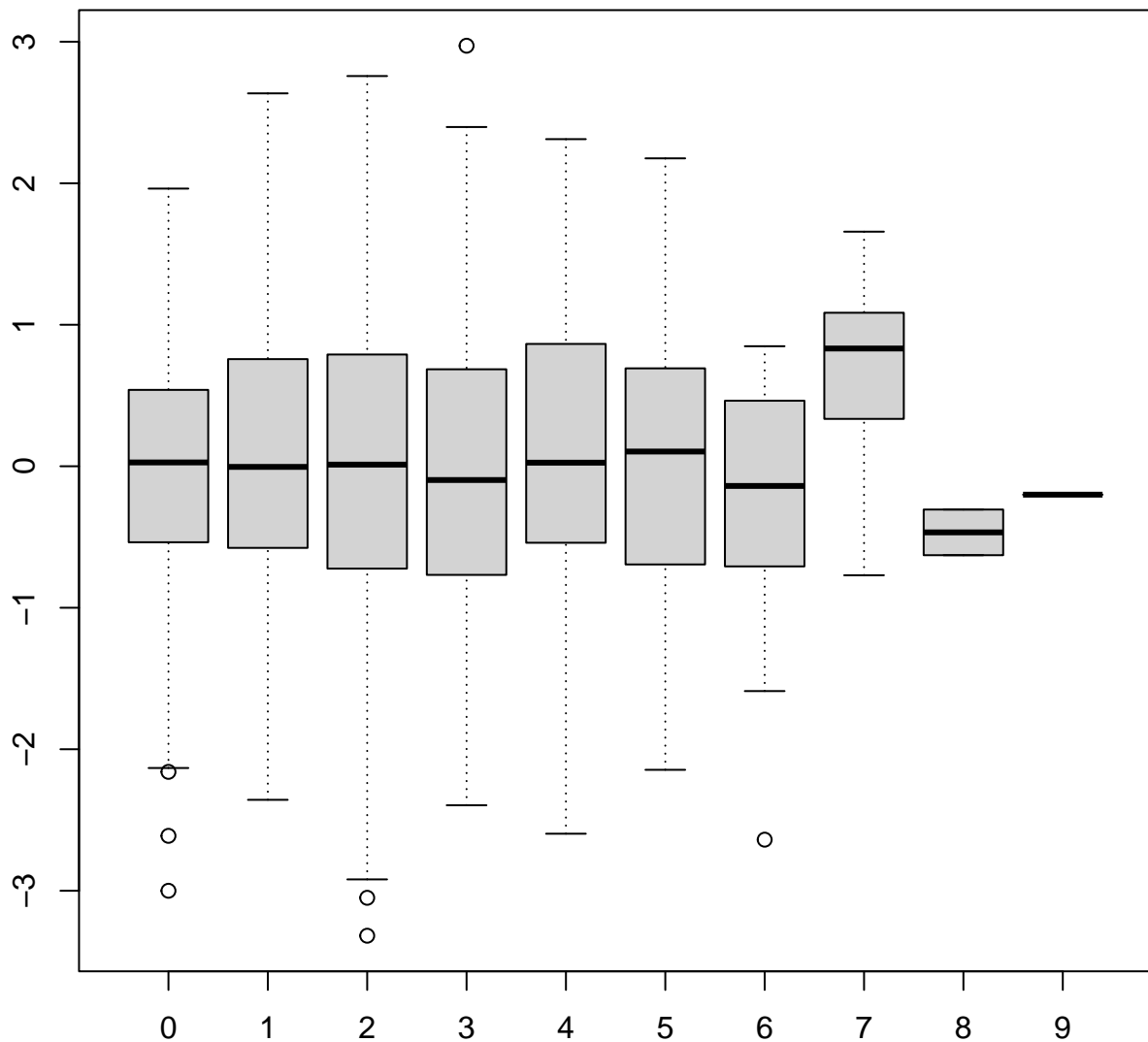






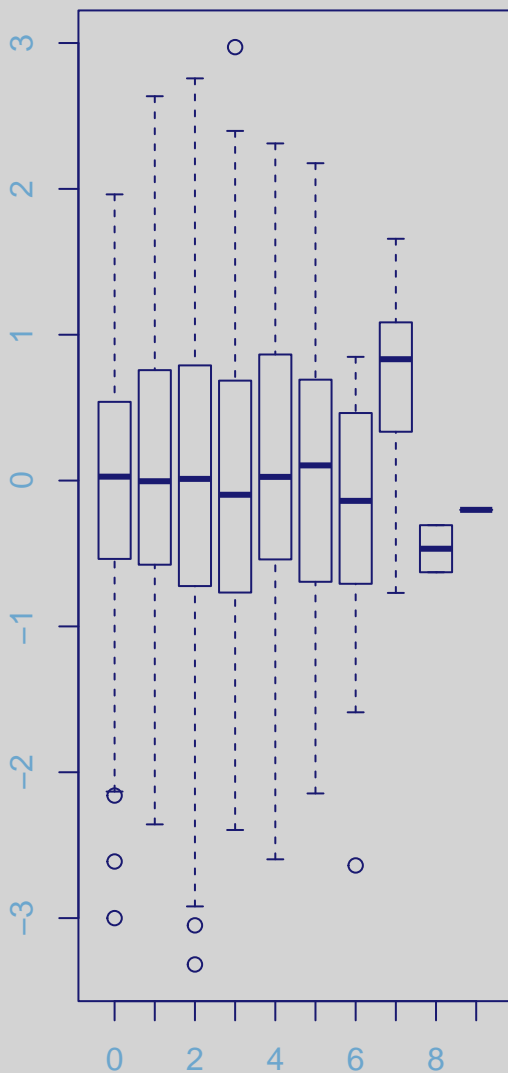
help("bxp")

```
help("bxp")
```

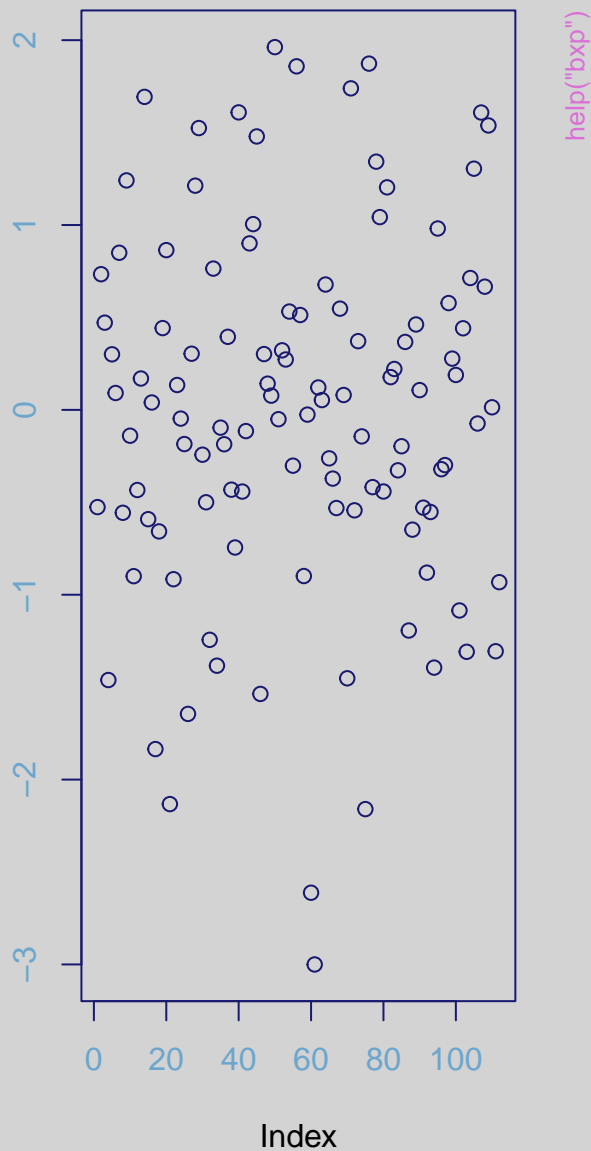


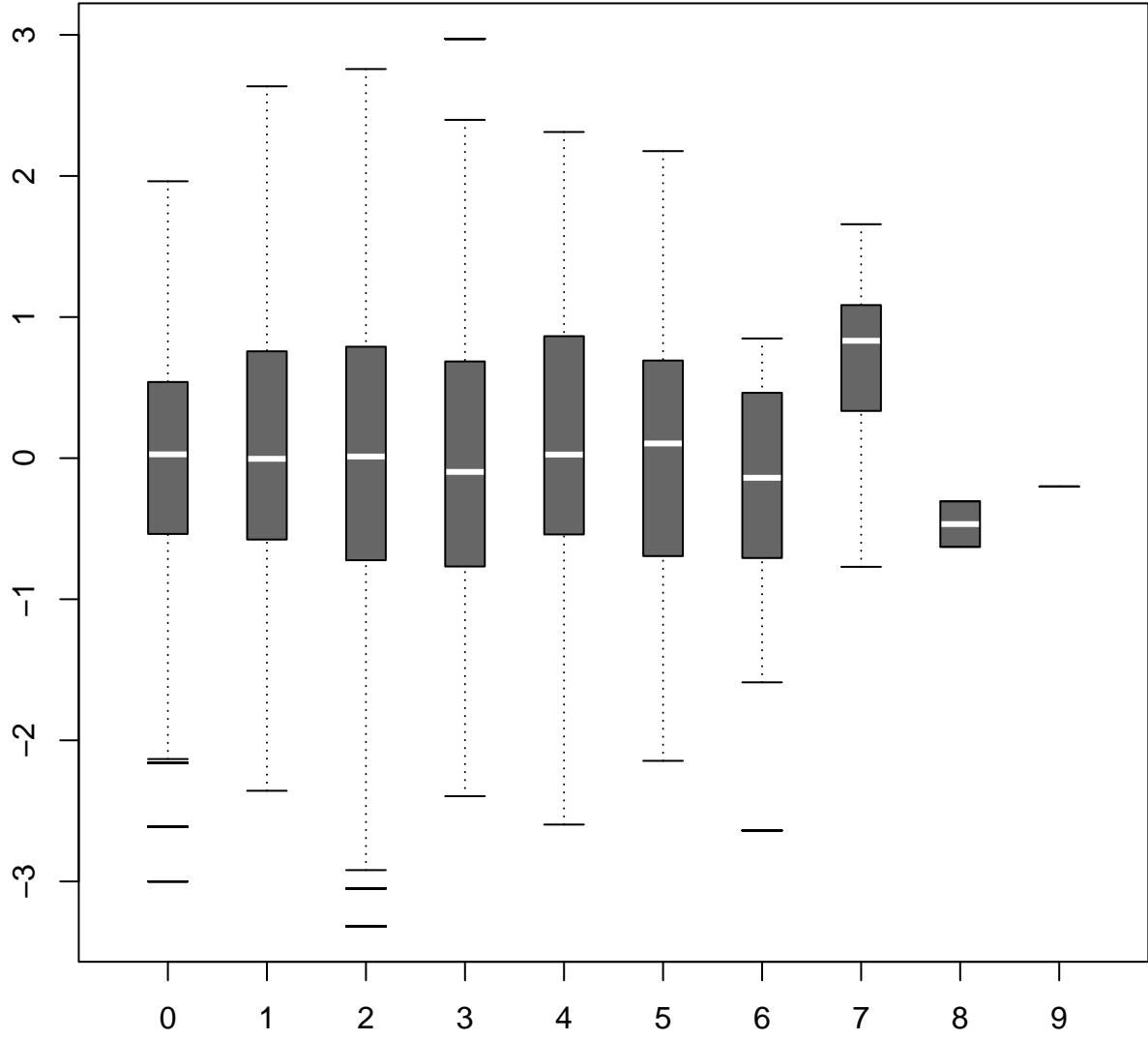
`par(bg="light gray", fg="midnight blue")`

`boxplot(*, col.axis=...,main=..)`

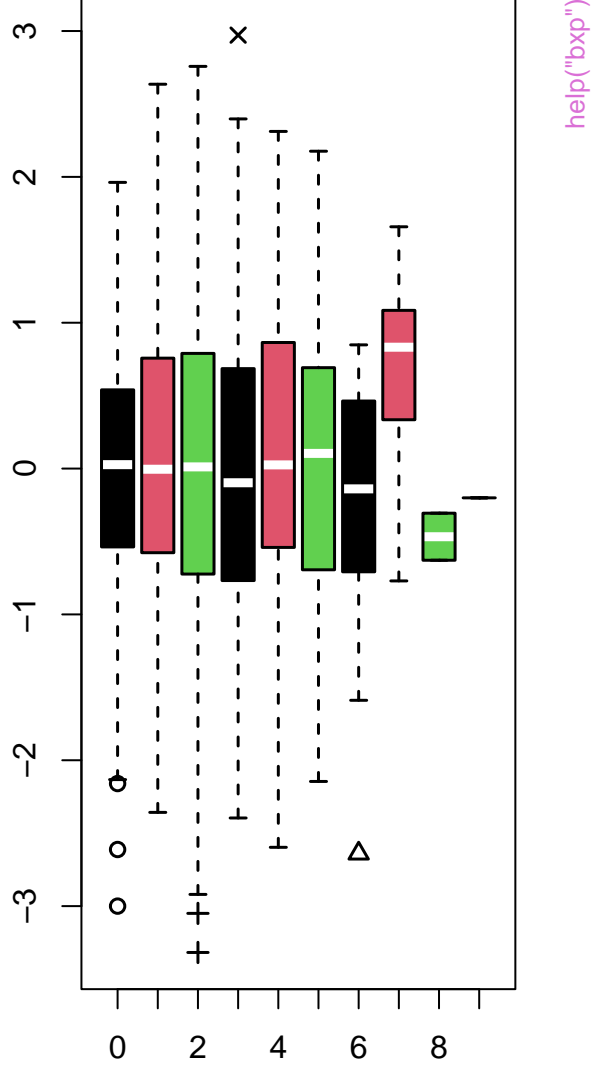
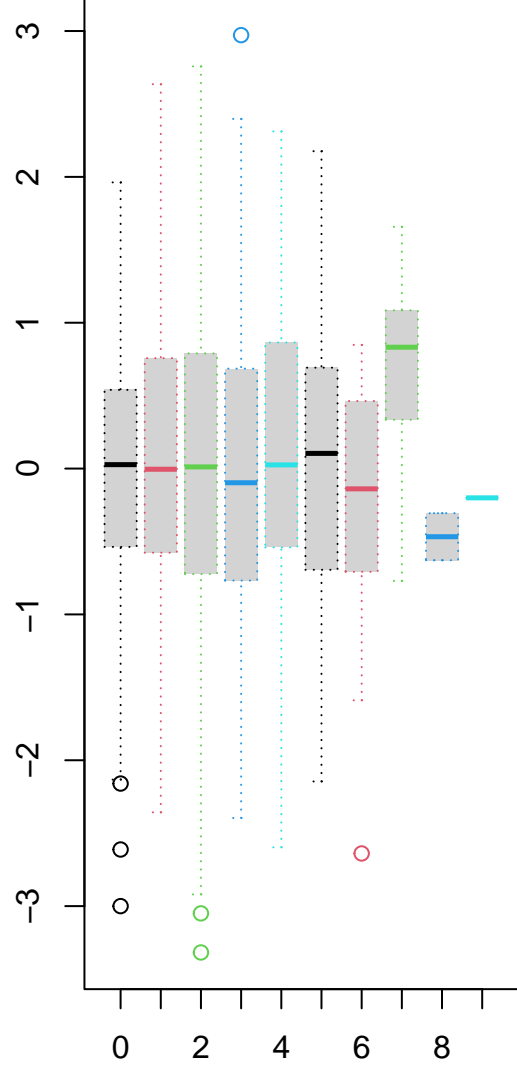


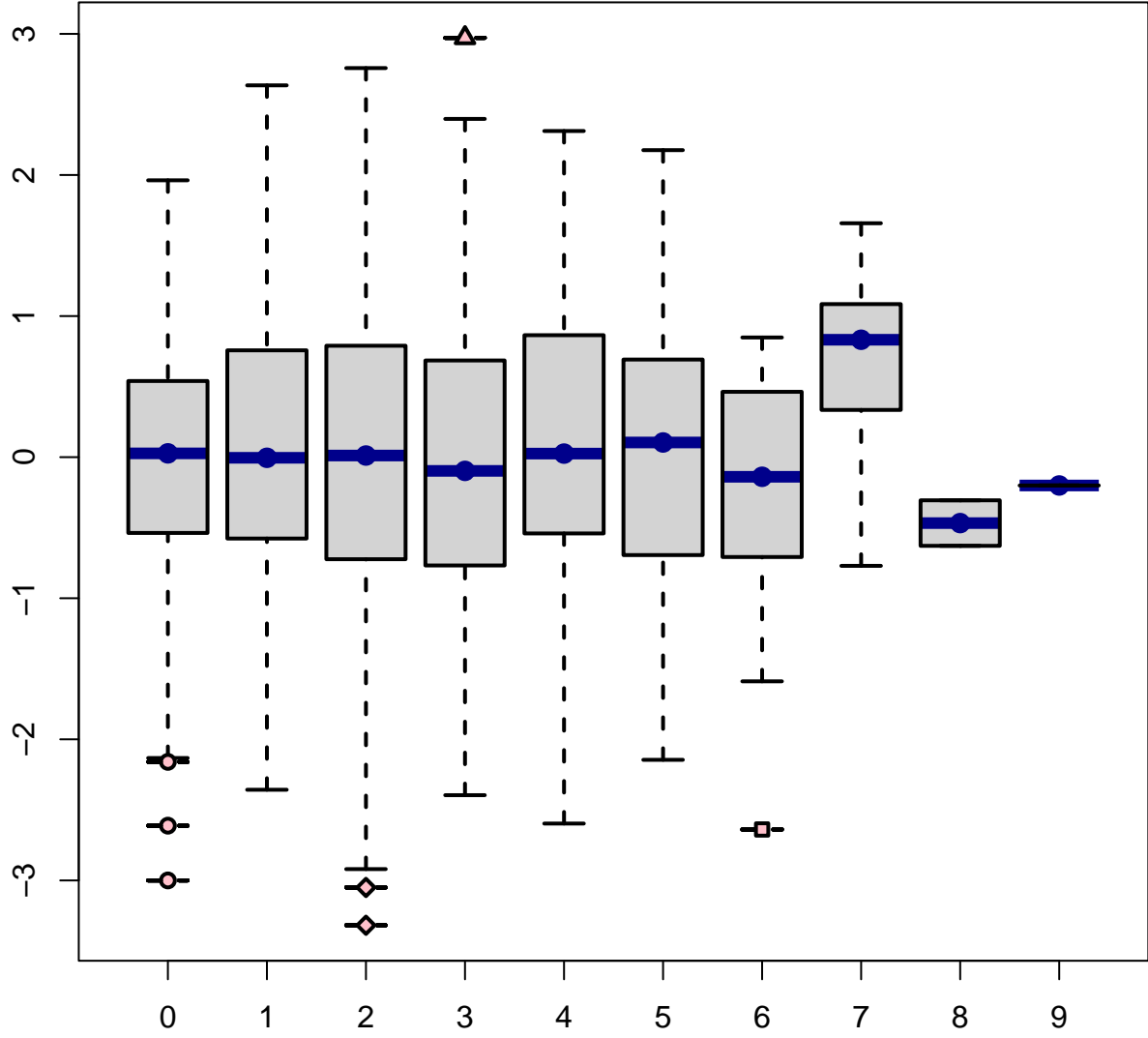
`plot(*, col.axis=...,main=..)`



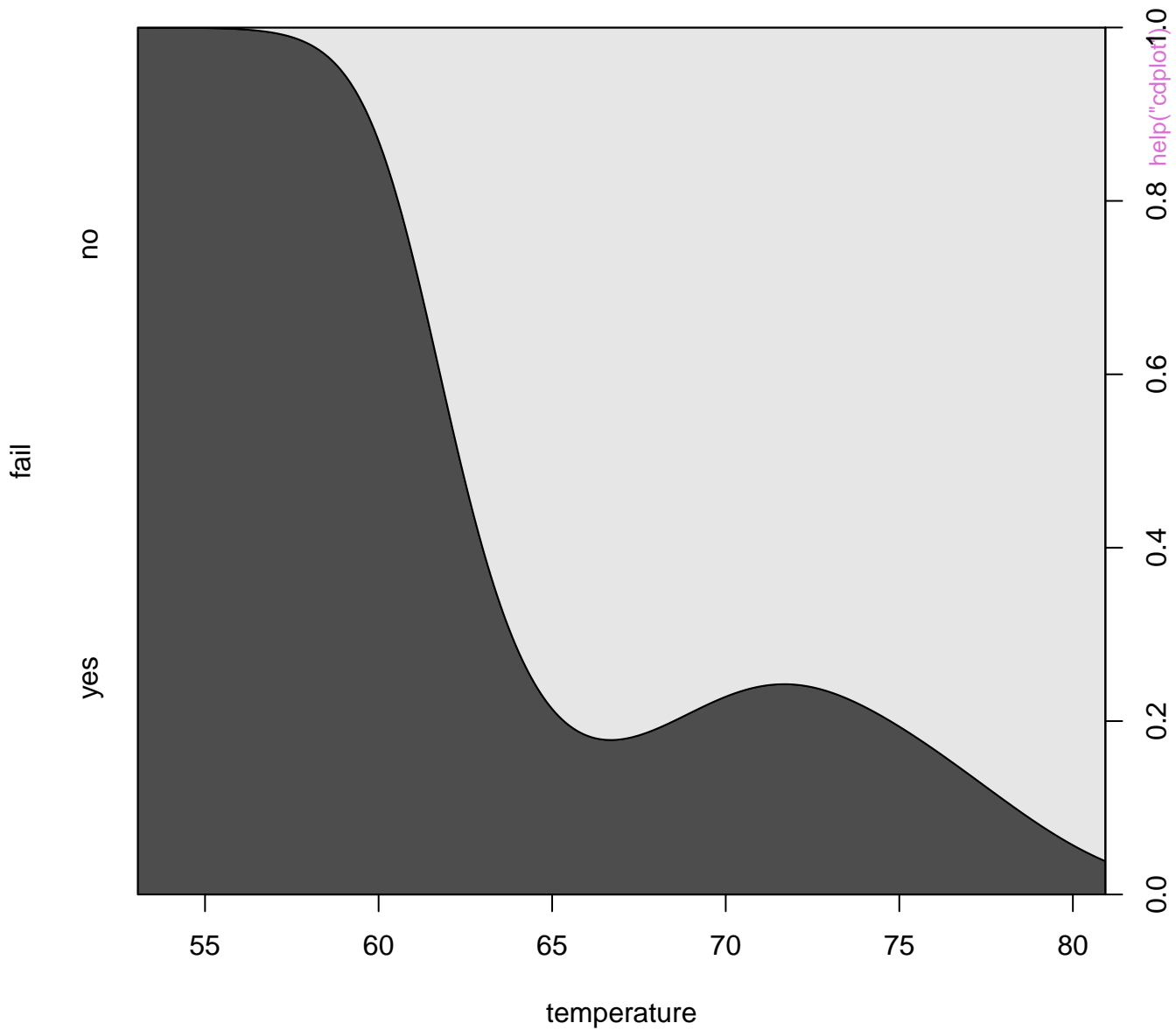


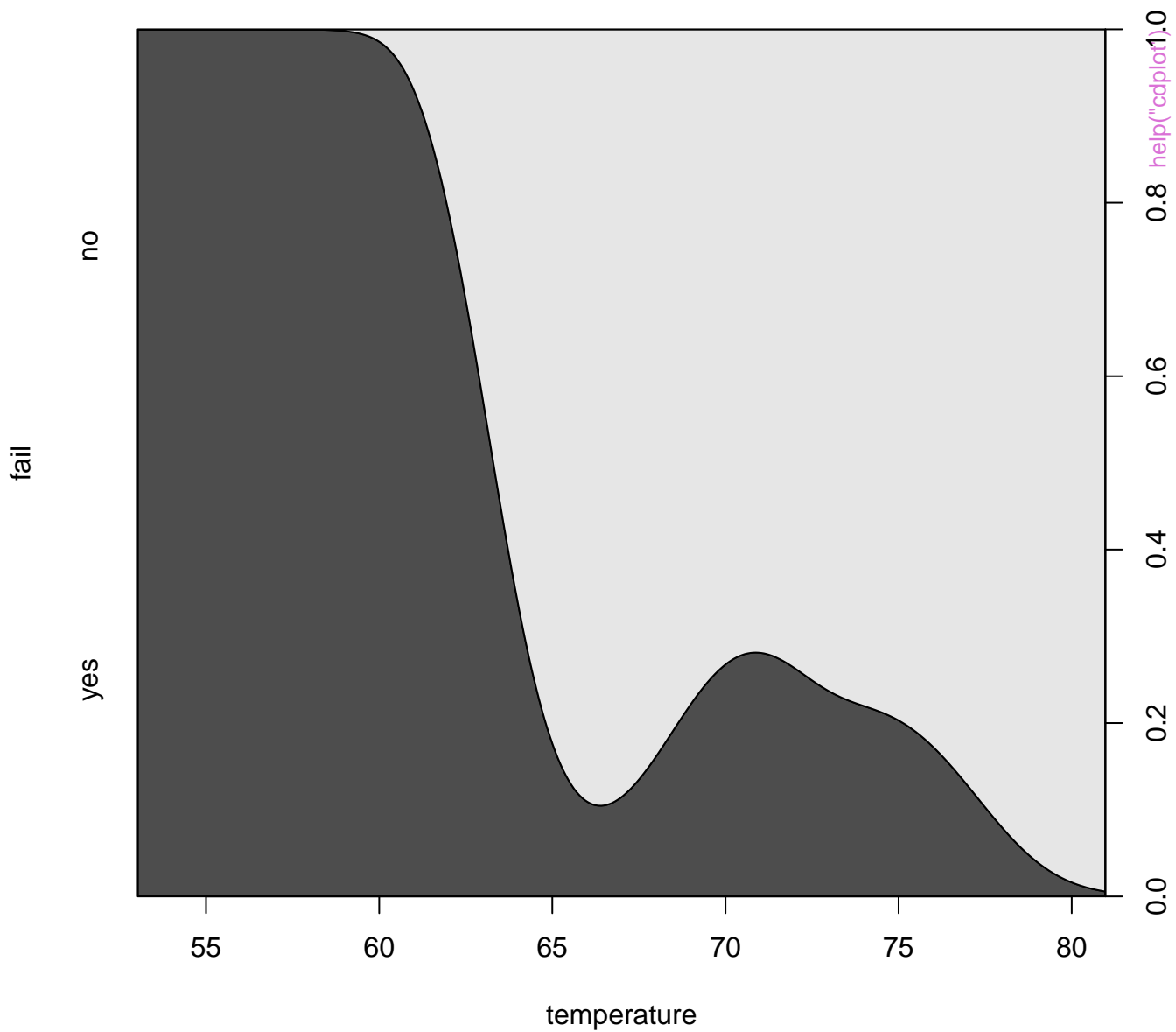
help("bxp")



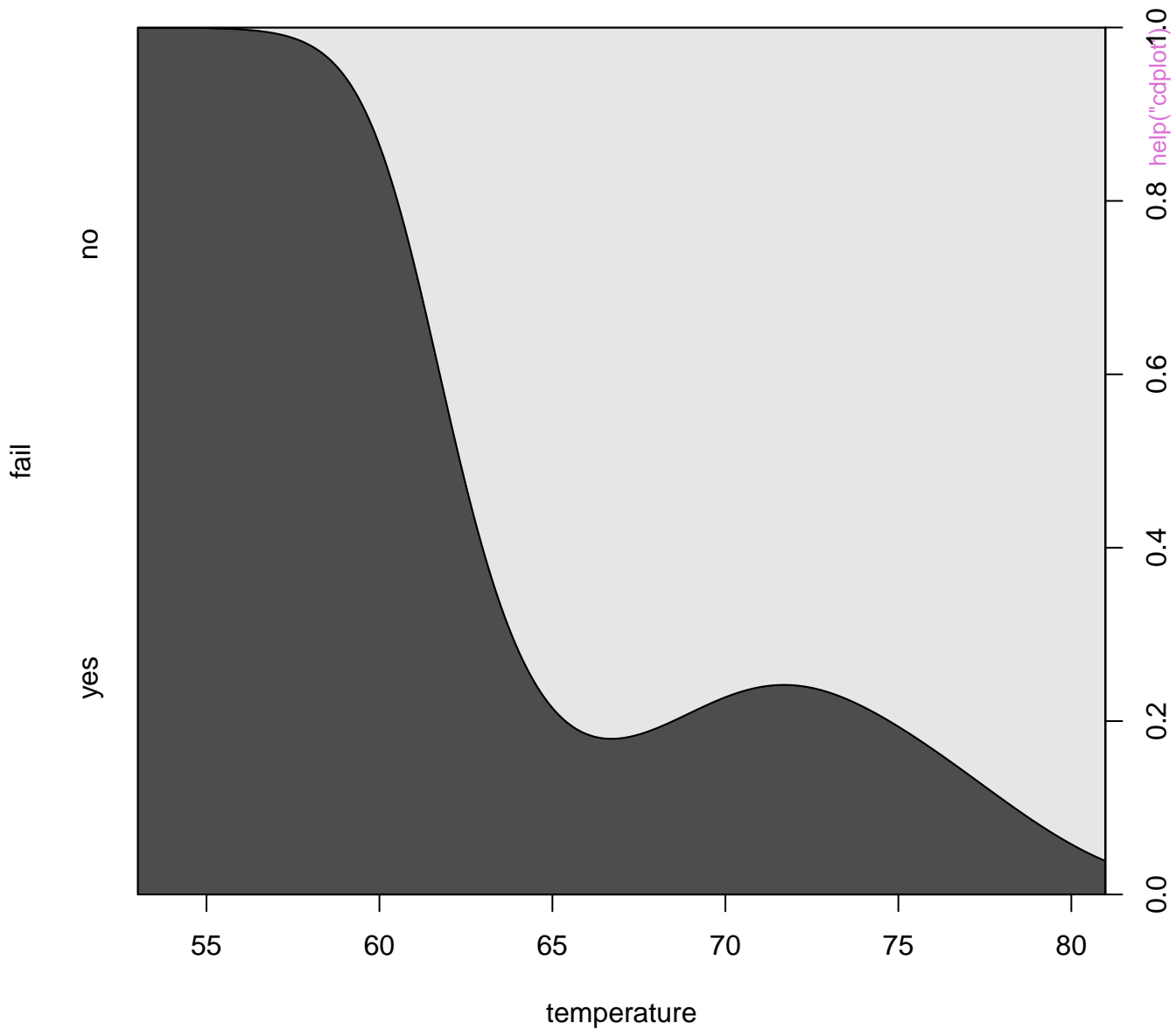


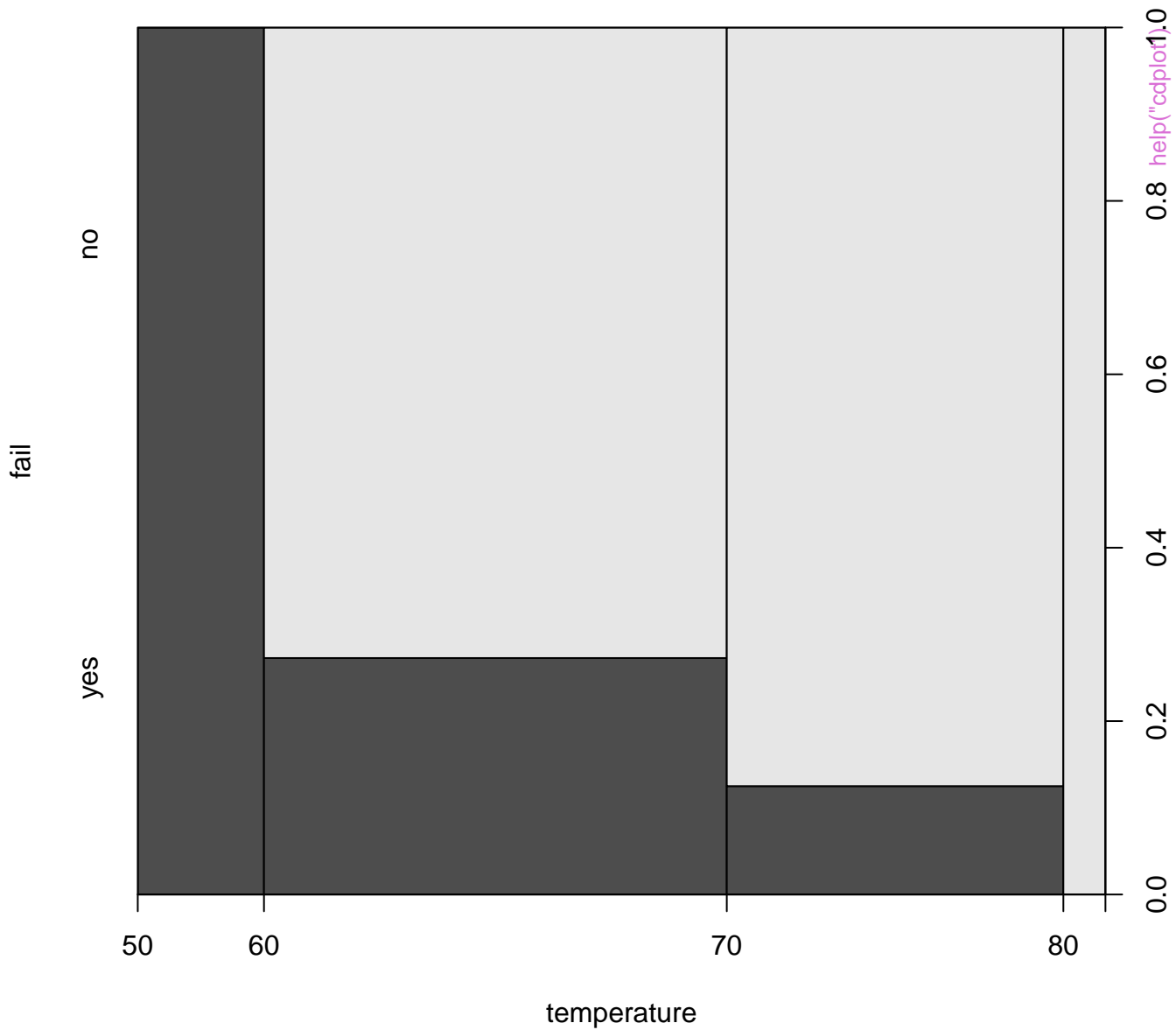
help("bxp")

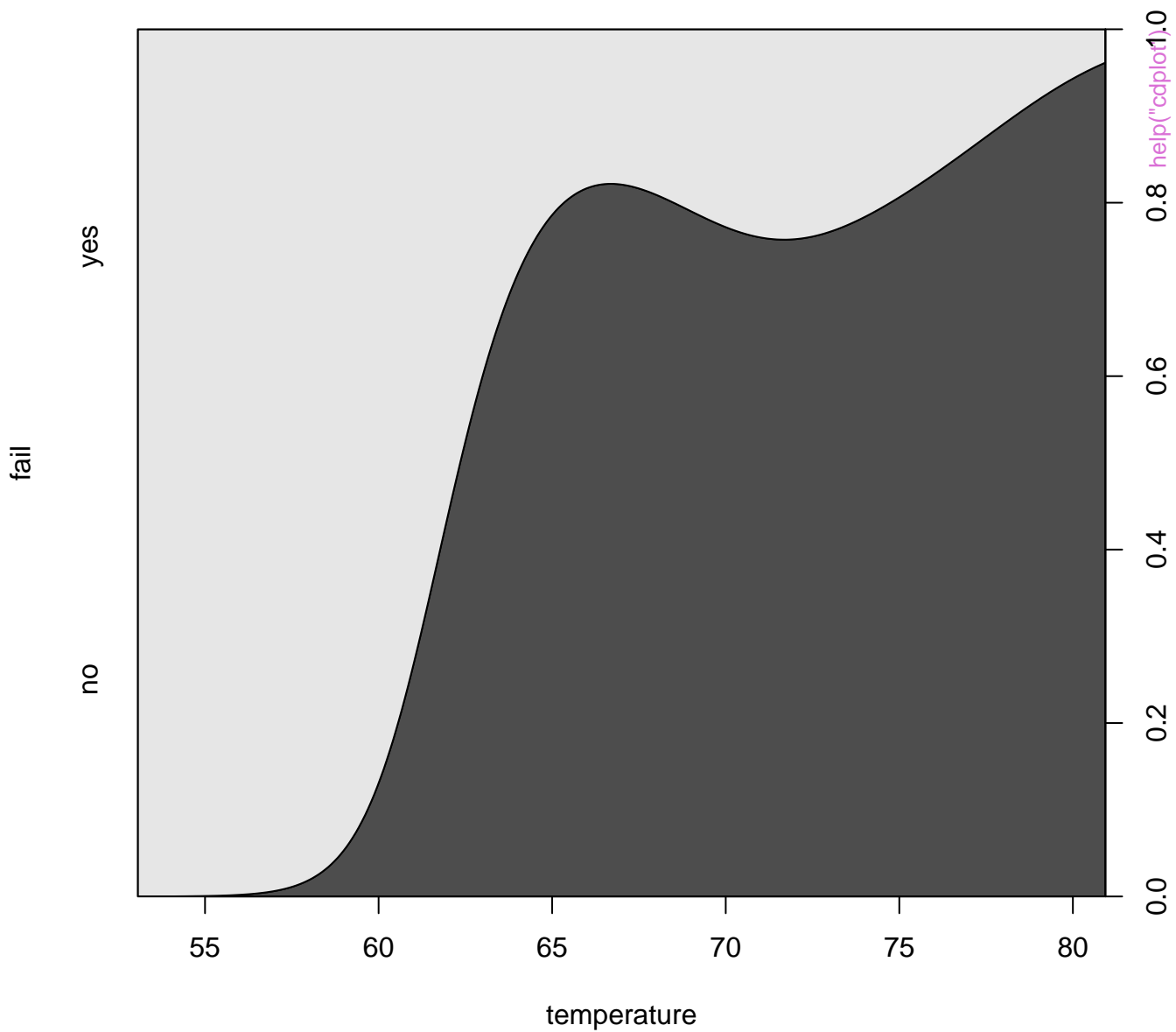




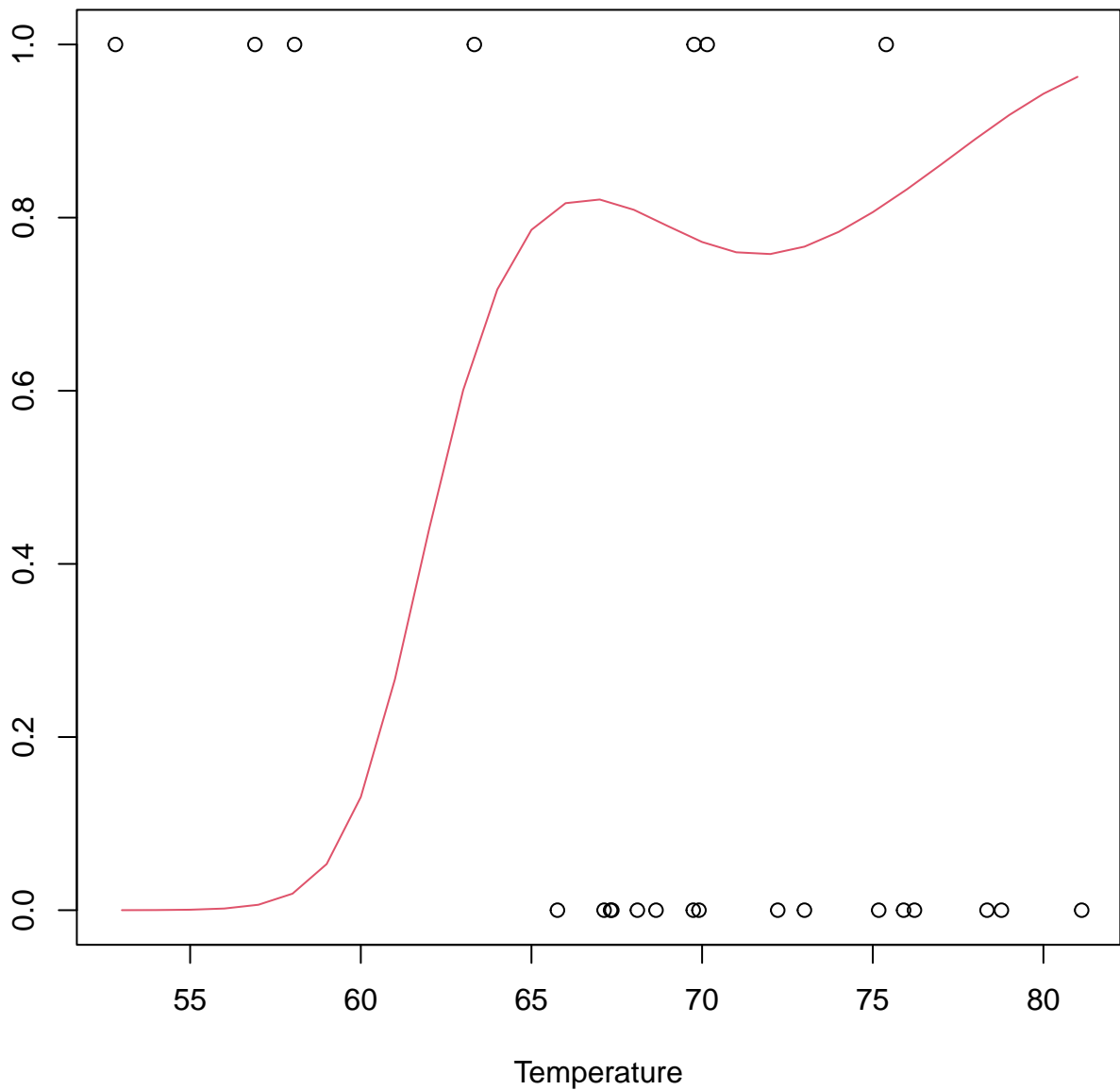






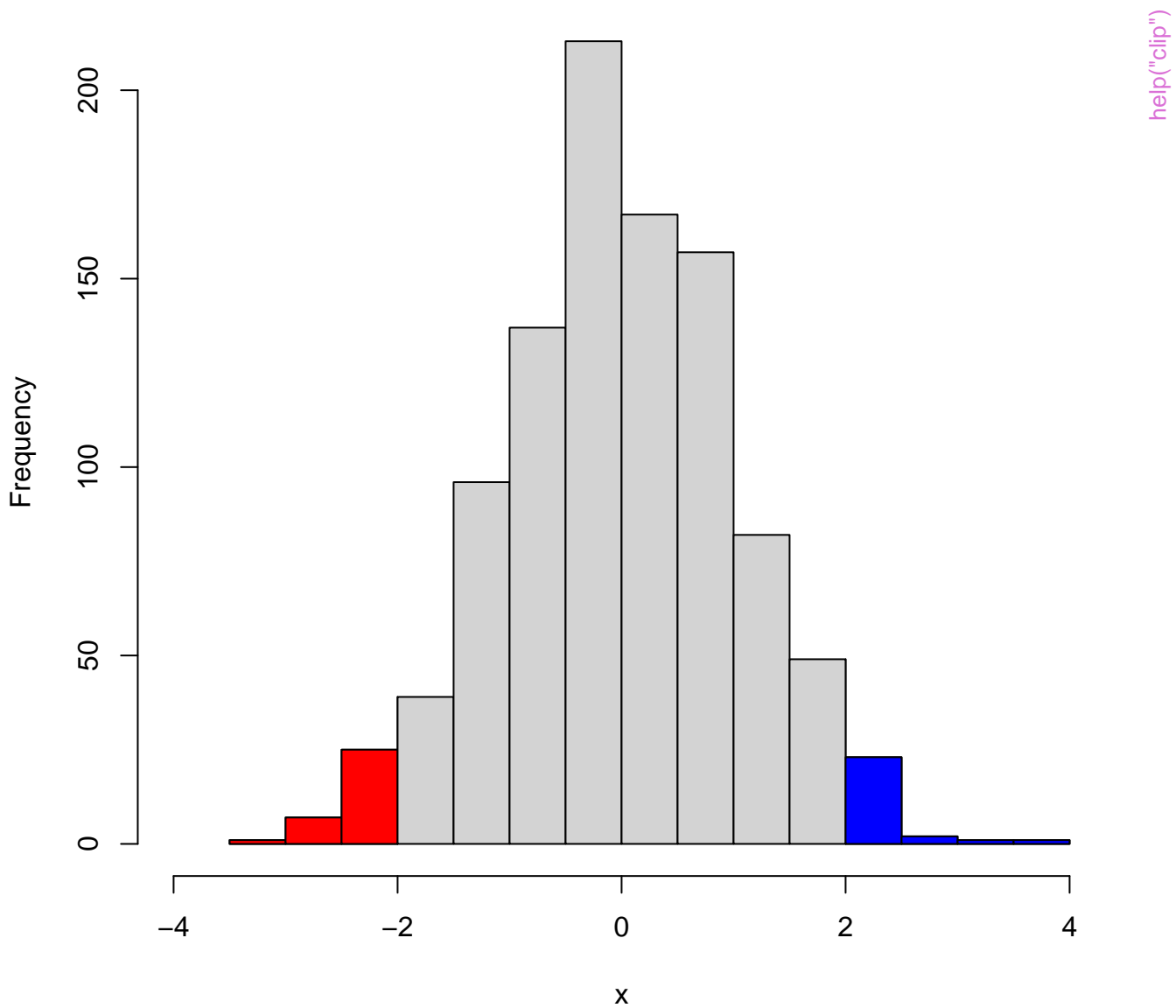


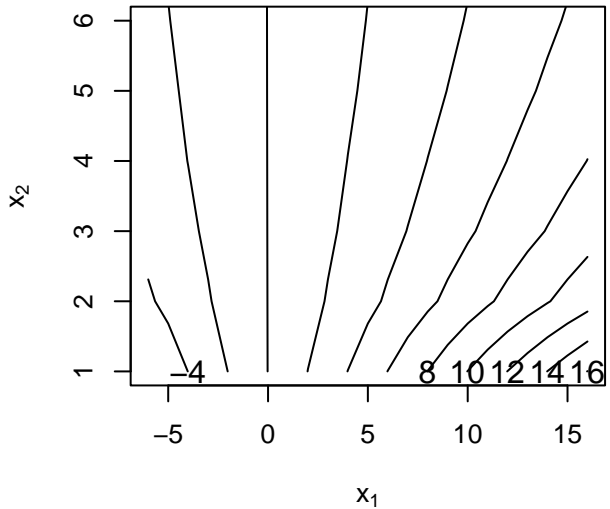
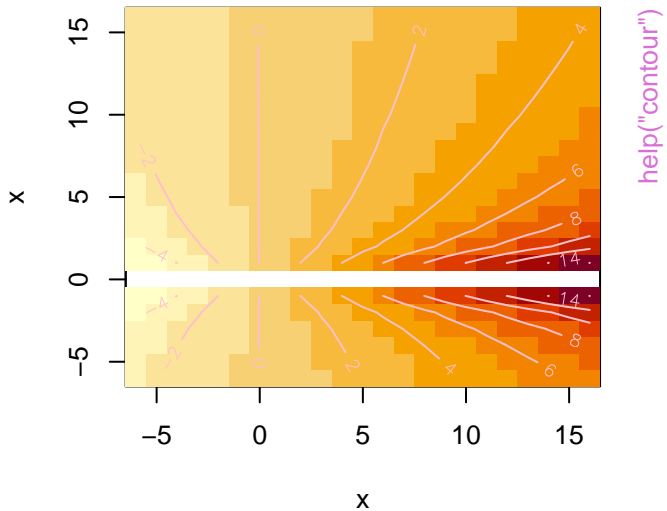
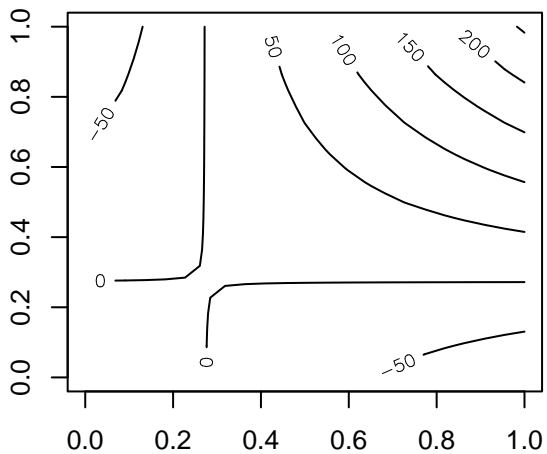
Conditional failure probability



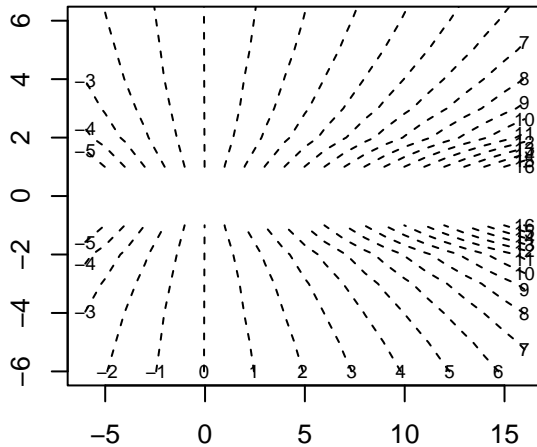
help("cplot")

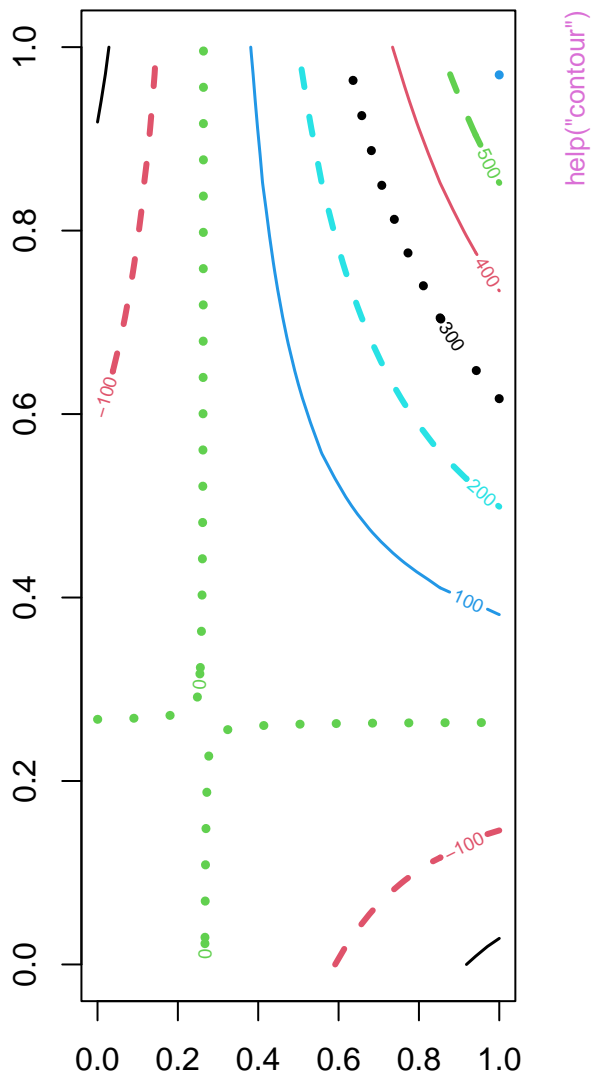
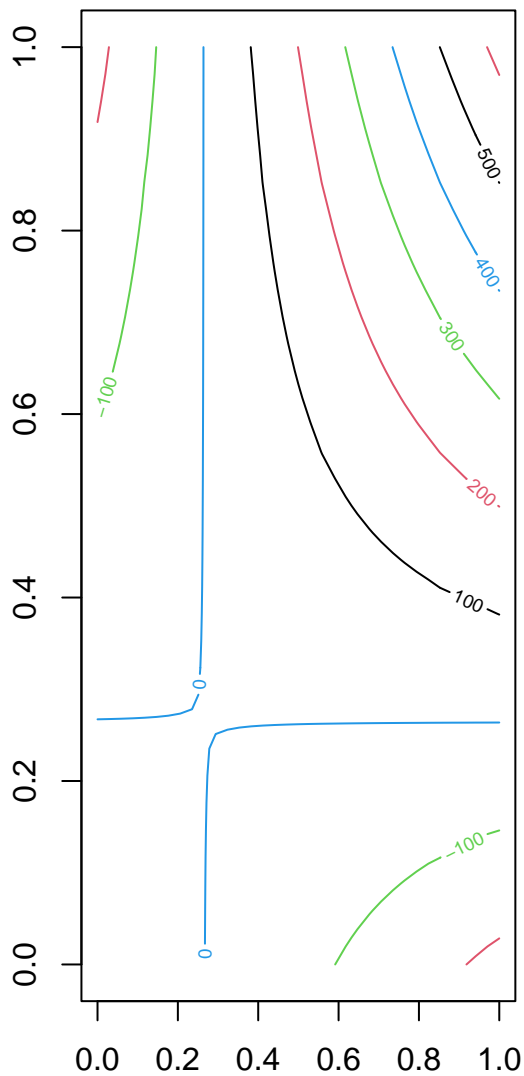
Histogram of x

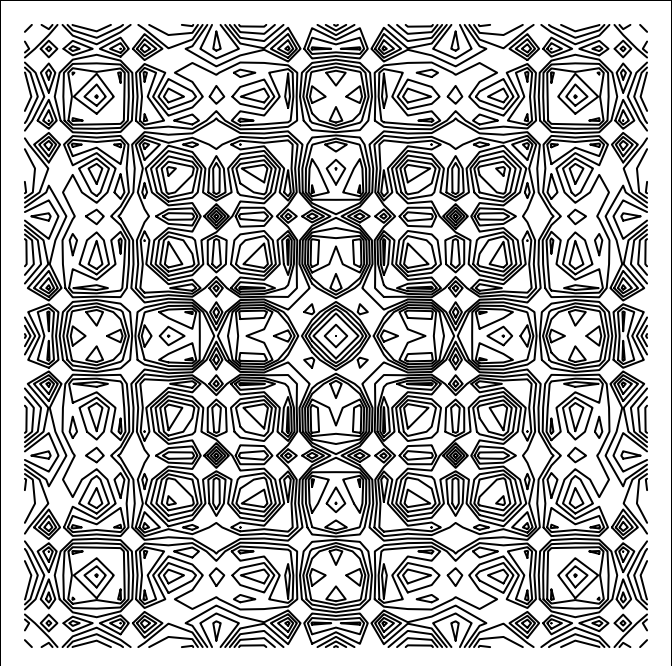
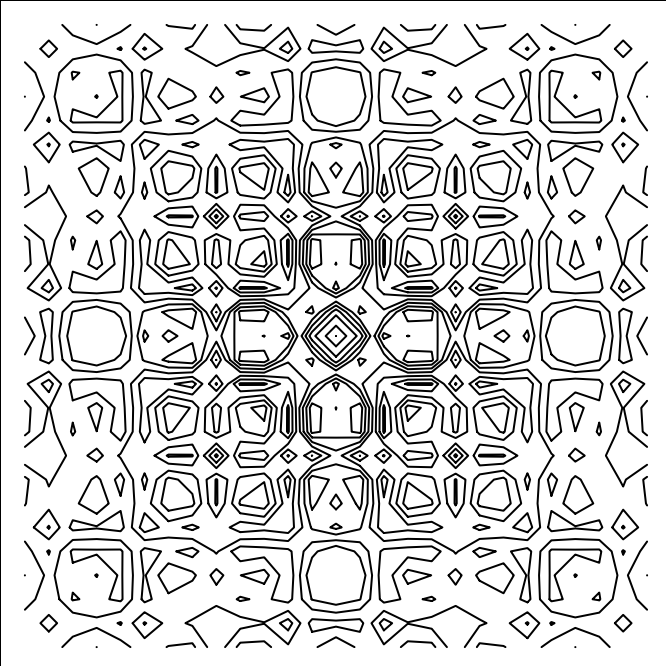
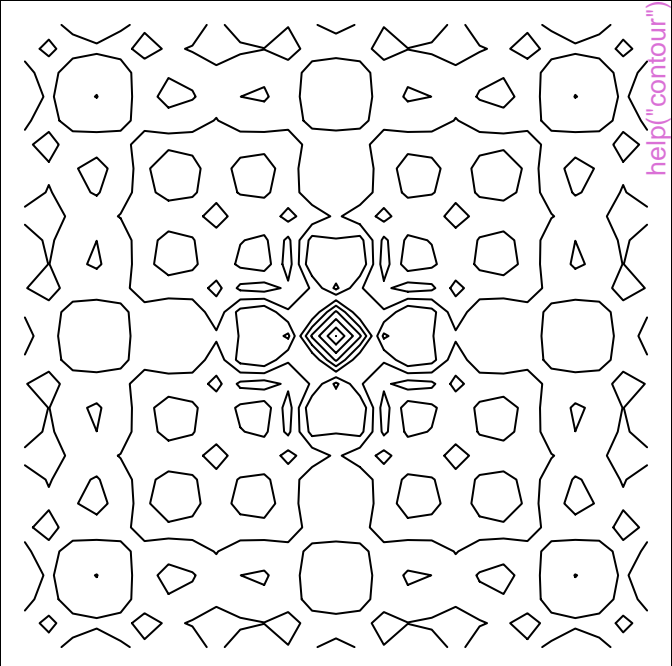
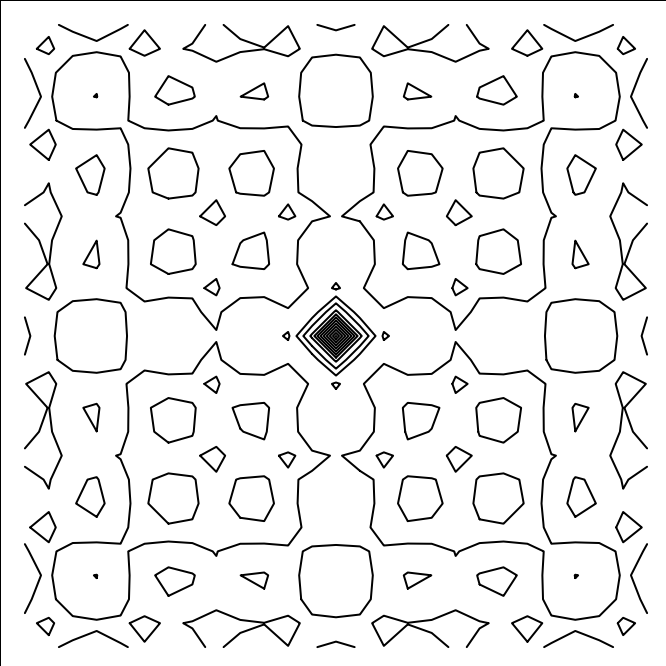




**20 levels; "simple" labelling method**

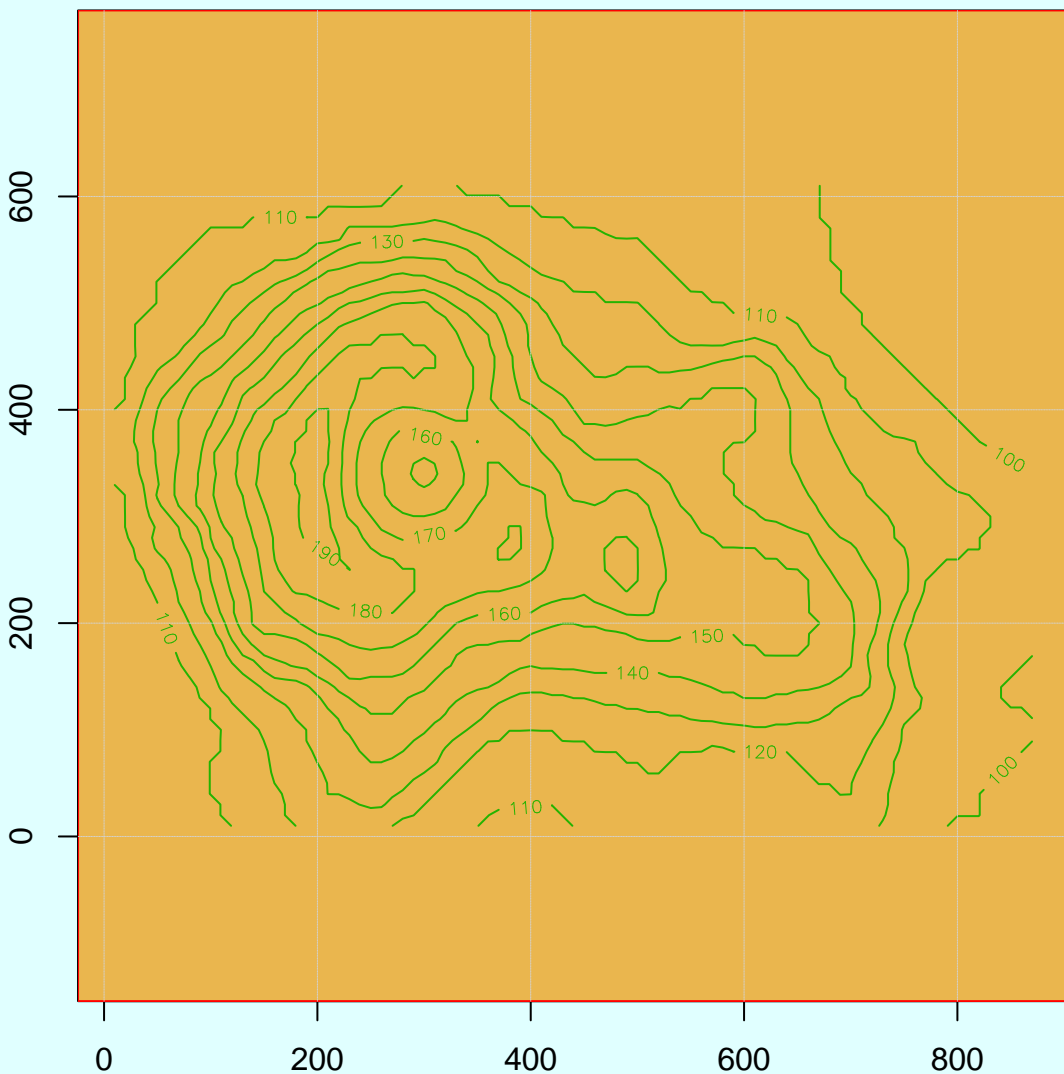




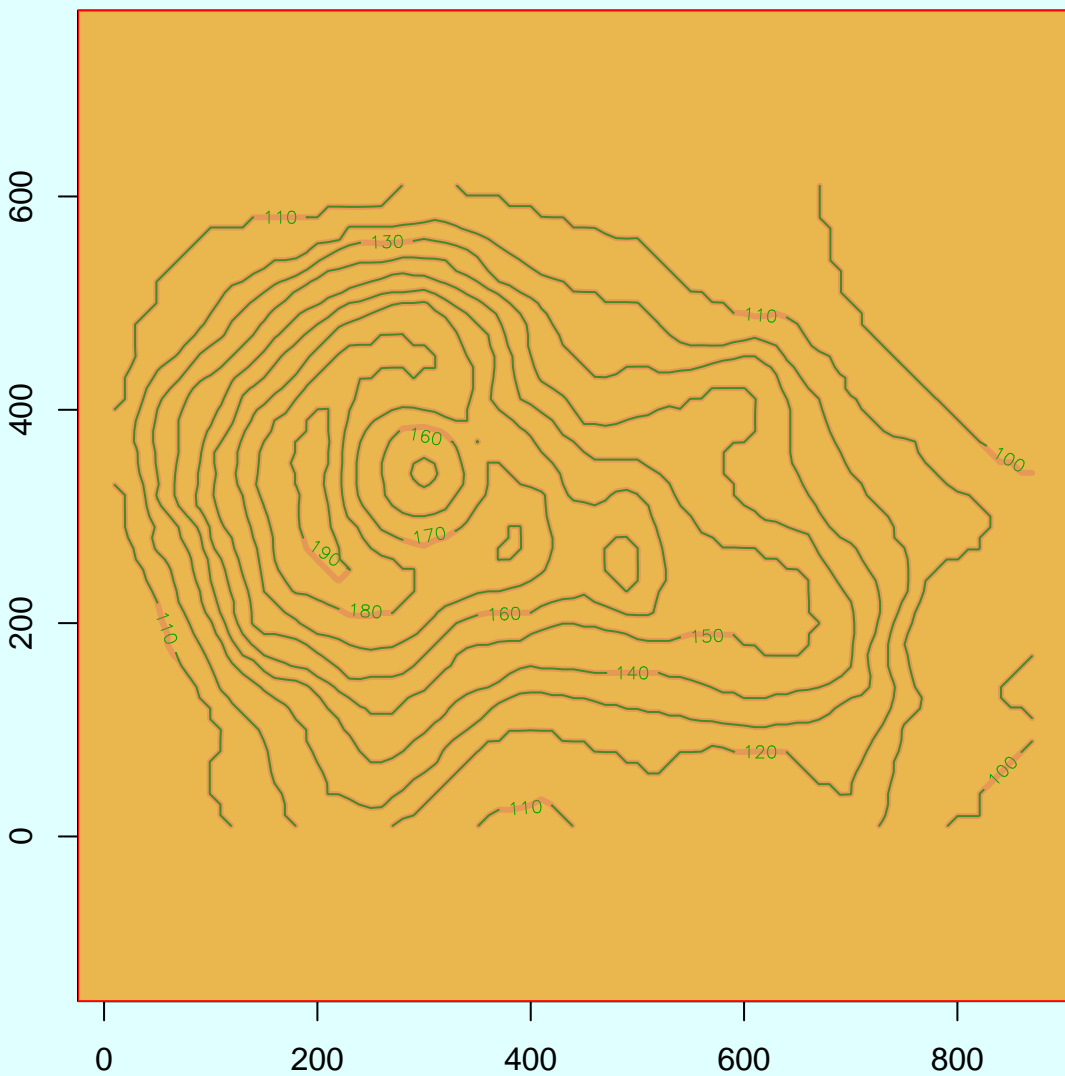




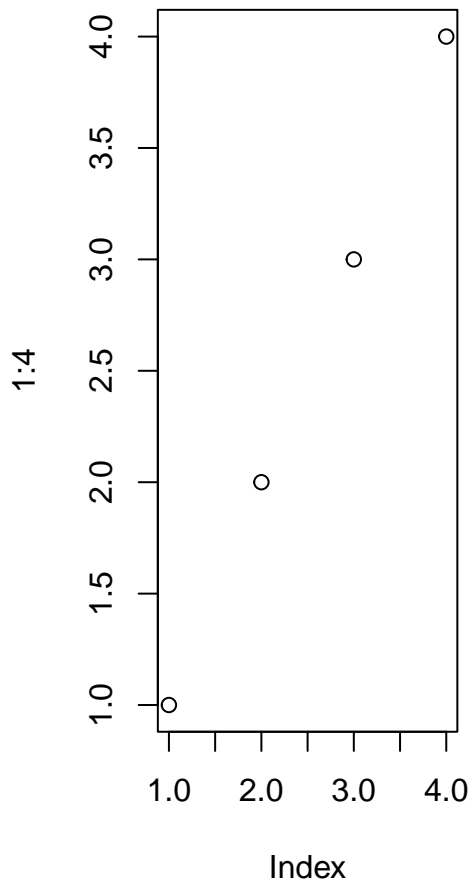
# A Topographic Map of Maunga Whau



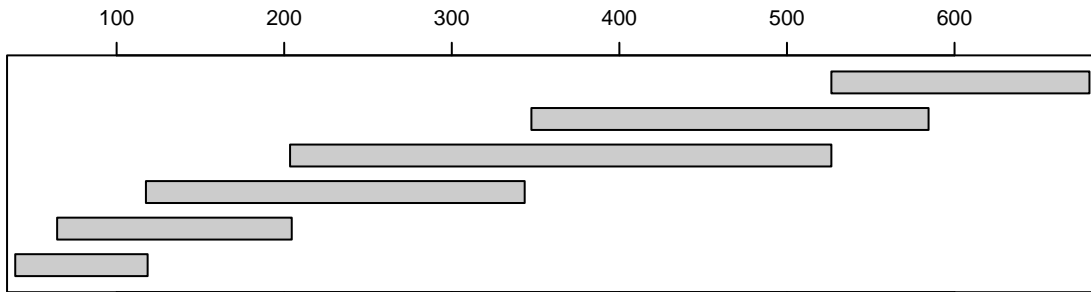
help("contour")



help("contour")

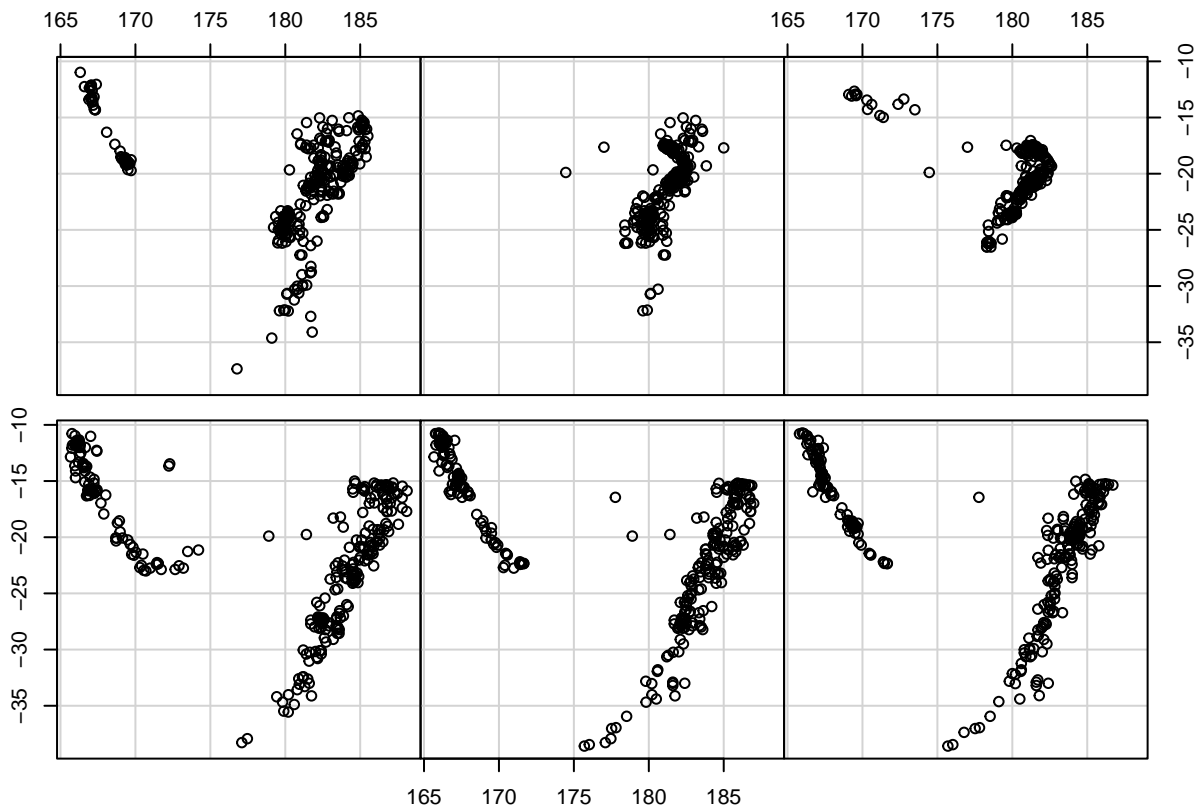


Given : depth



`help("coplot")`

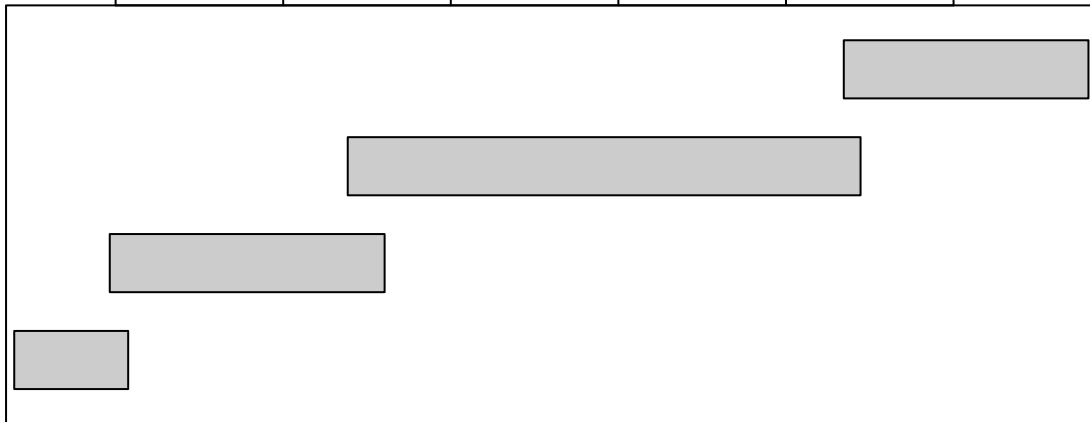
lat



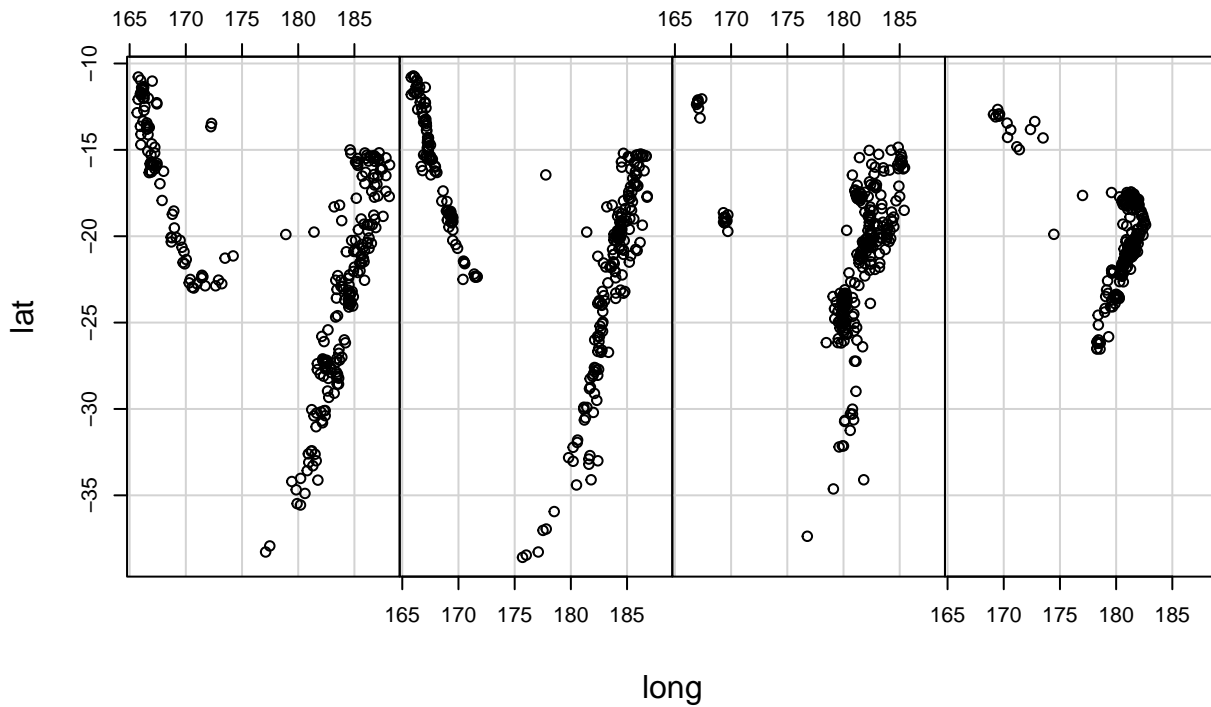
long

Given : depth

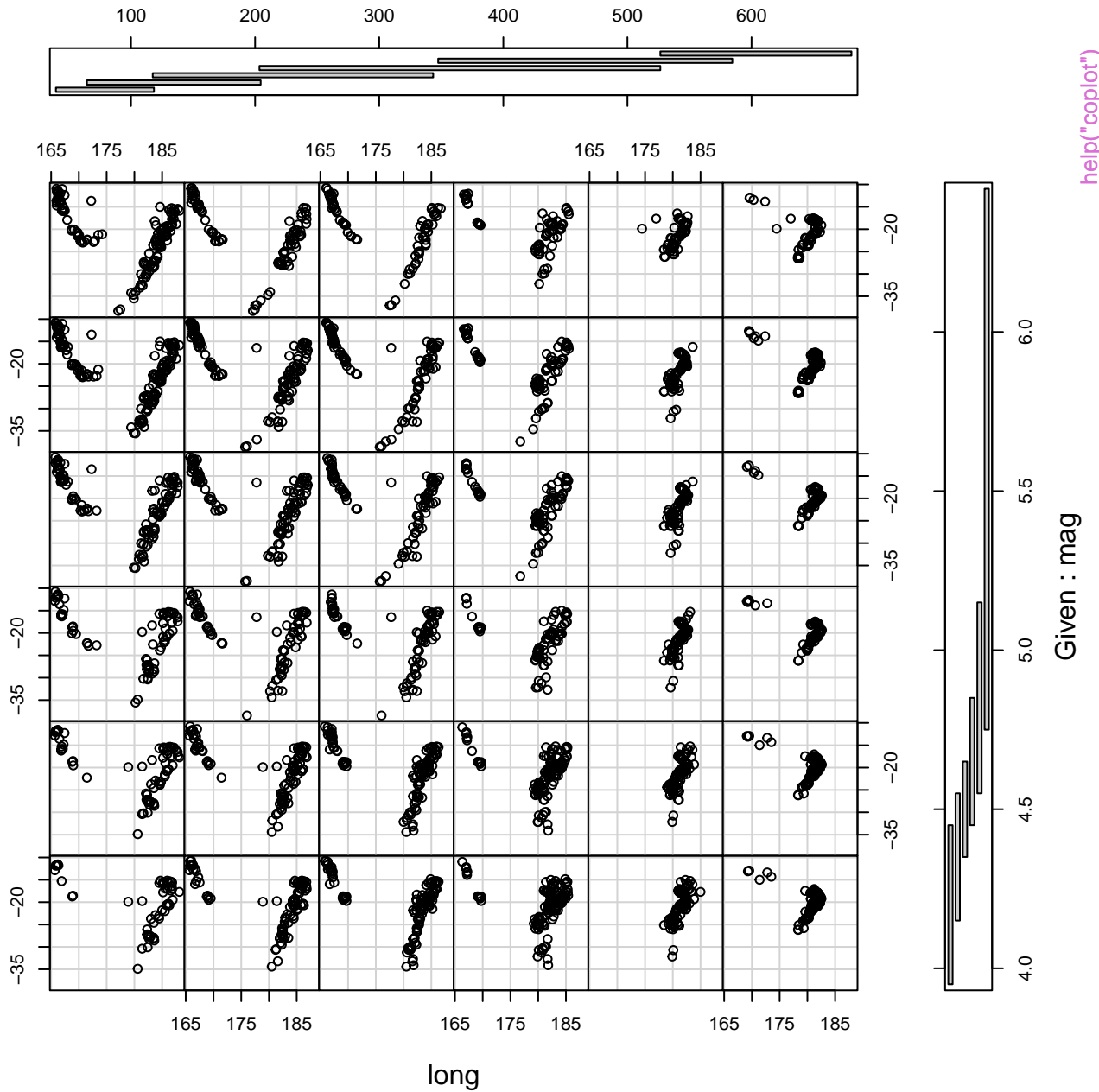
100 200 300 400 500 600



help("coplot")



Given : depth

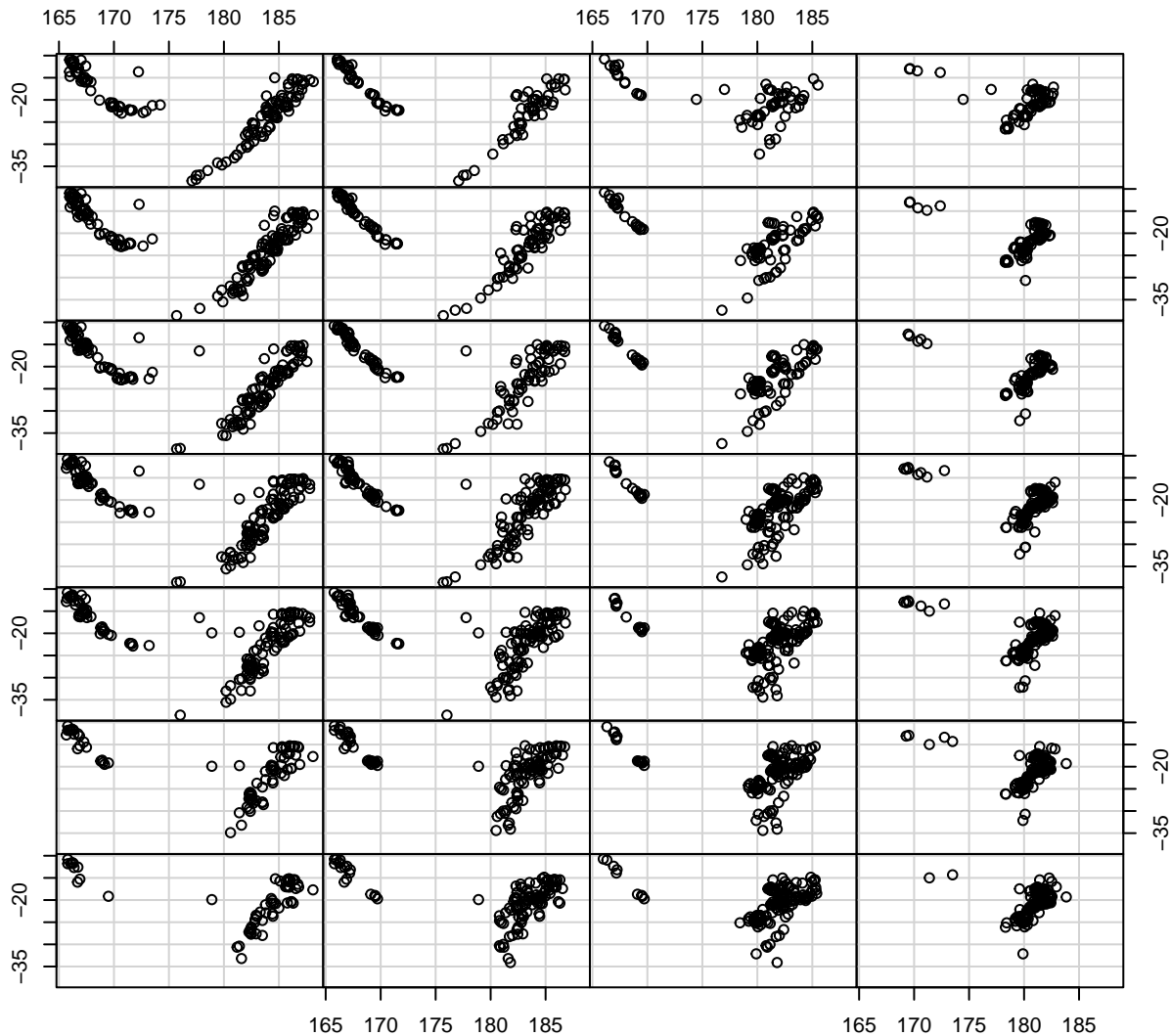


Given : depth

100 200 300 400 500 600

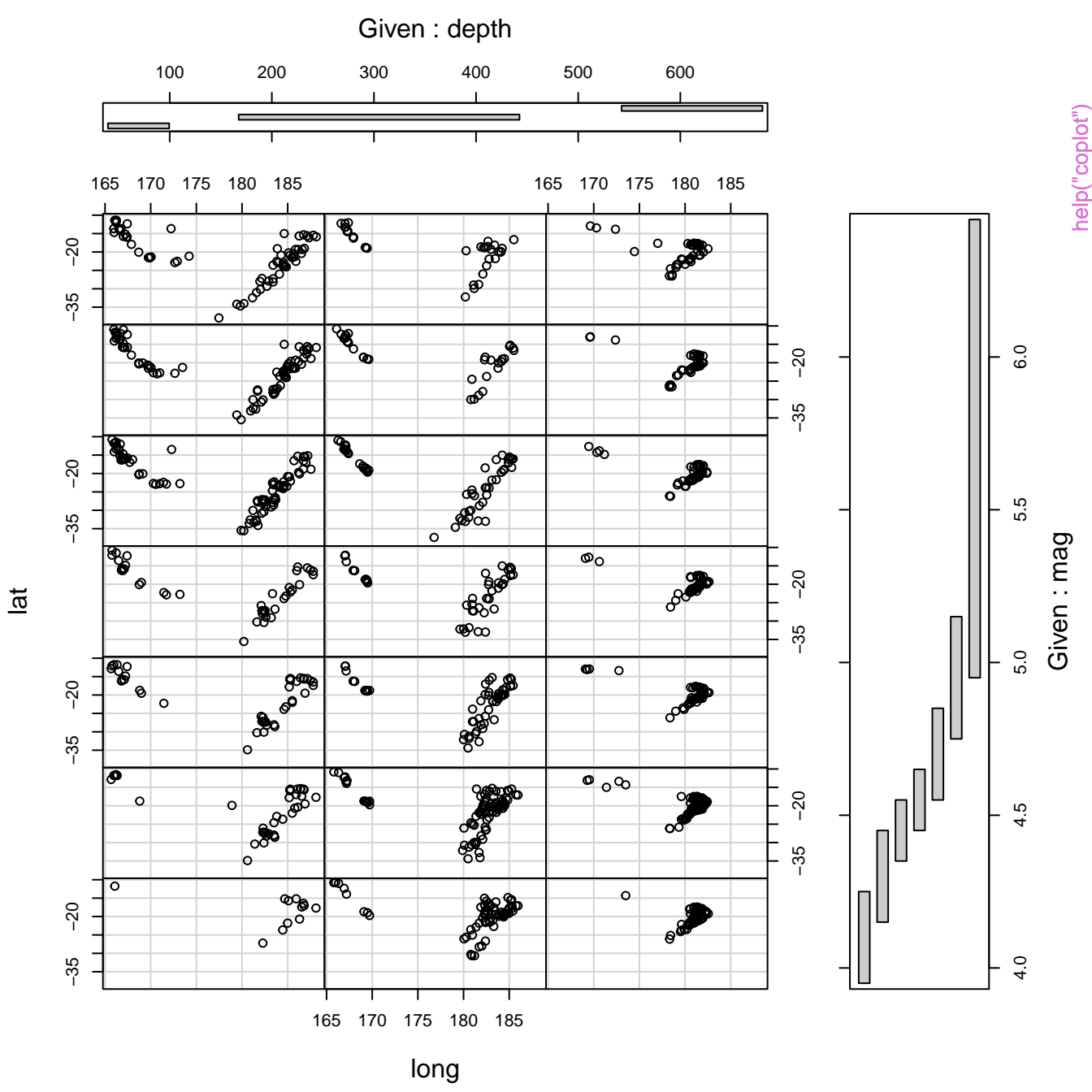
help("coplot")

lat



Given : mag

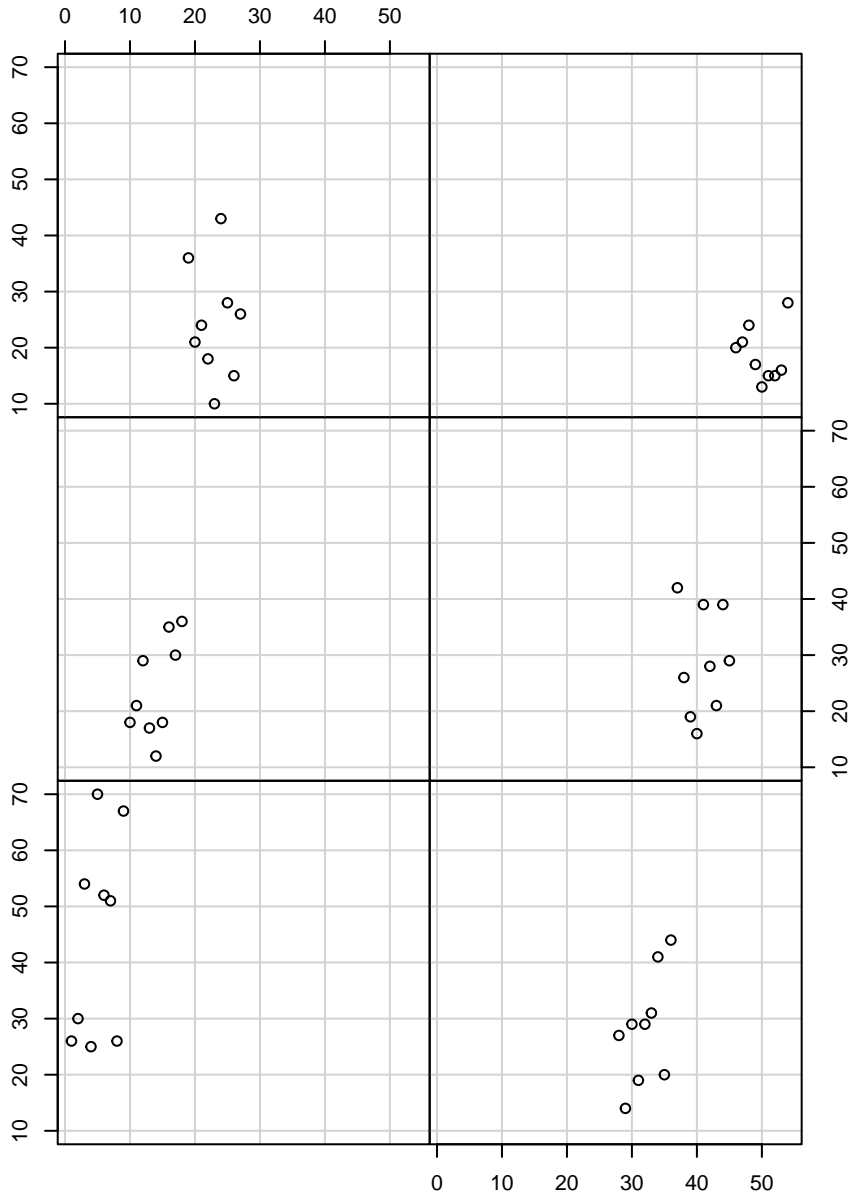
long





Given : wool

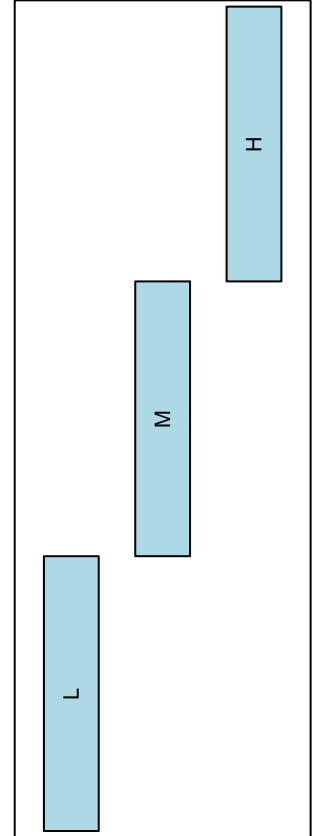
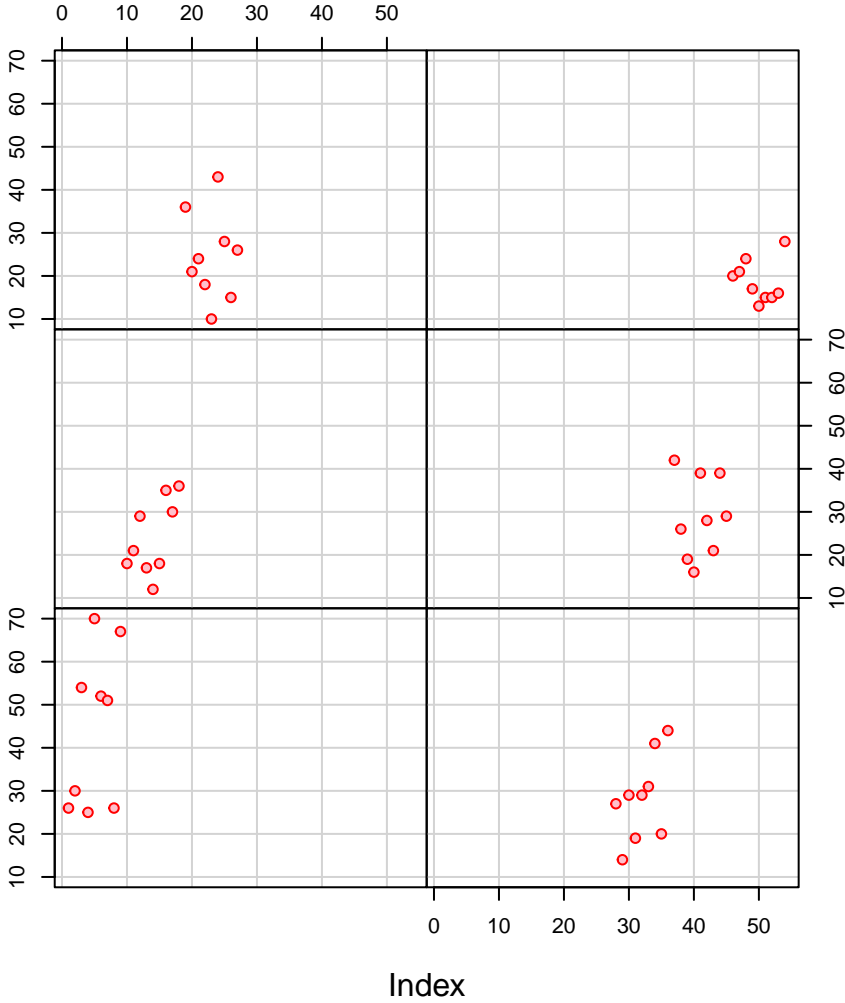
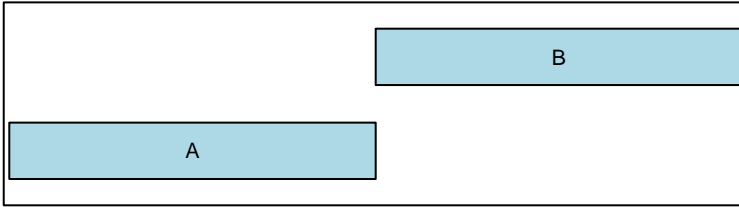
breaks



Given : tension

help("coplot")

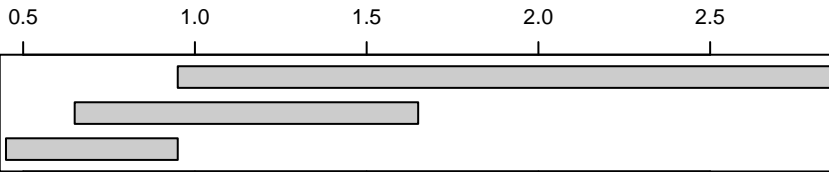
Given : wool



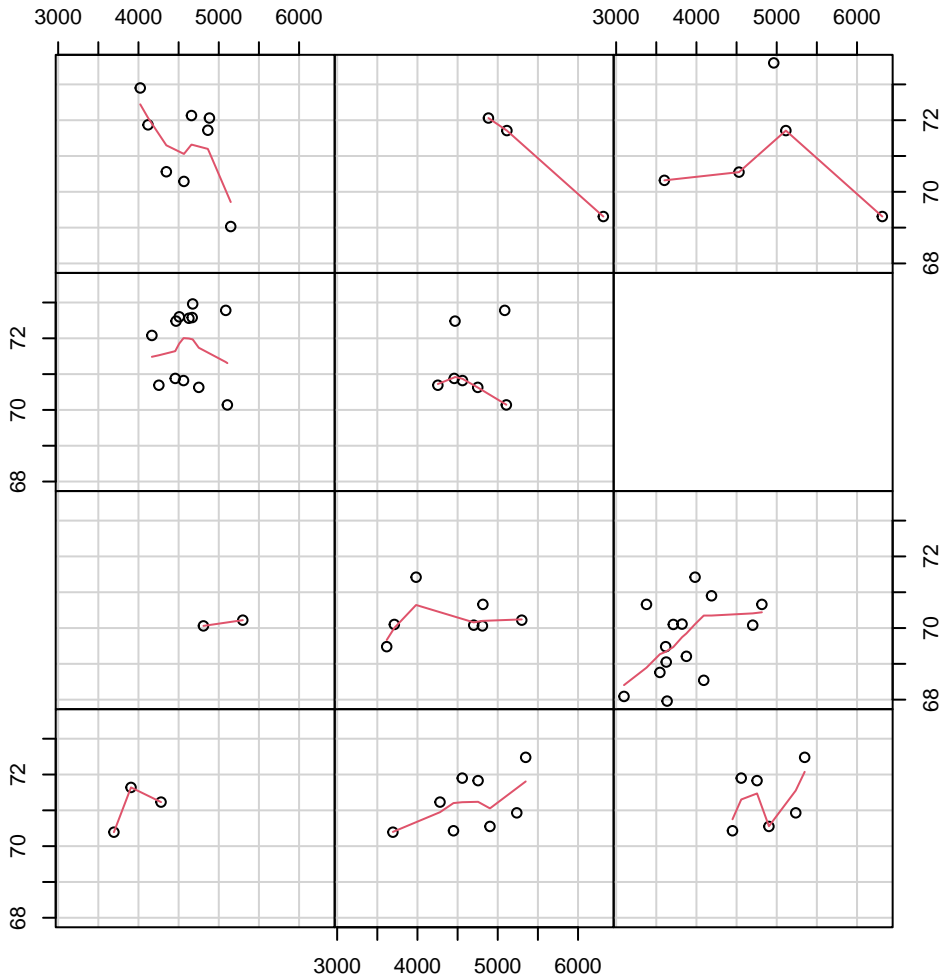
Given : tension

`help("coplot")`

Given : Illiteracy



Life.Exp



Northeast

South

North Central

West

Given : state.region

help("coplot")

Given : Income

3500

4000

4500

5000

5500

6000

Nrth

NrtC

Nrth

NrtC

Nrth

NrtC

7

3

e

E

1

Nrth

NrtC

Nrth

NrtC

North

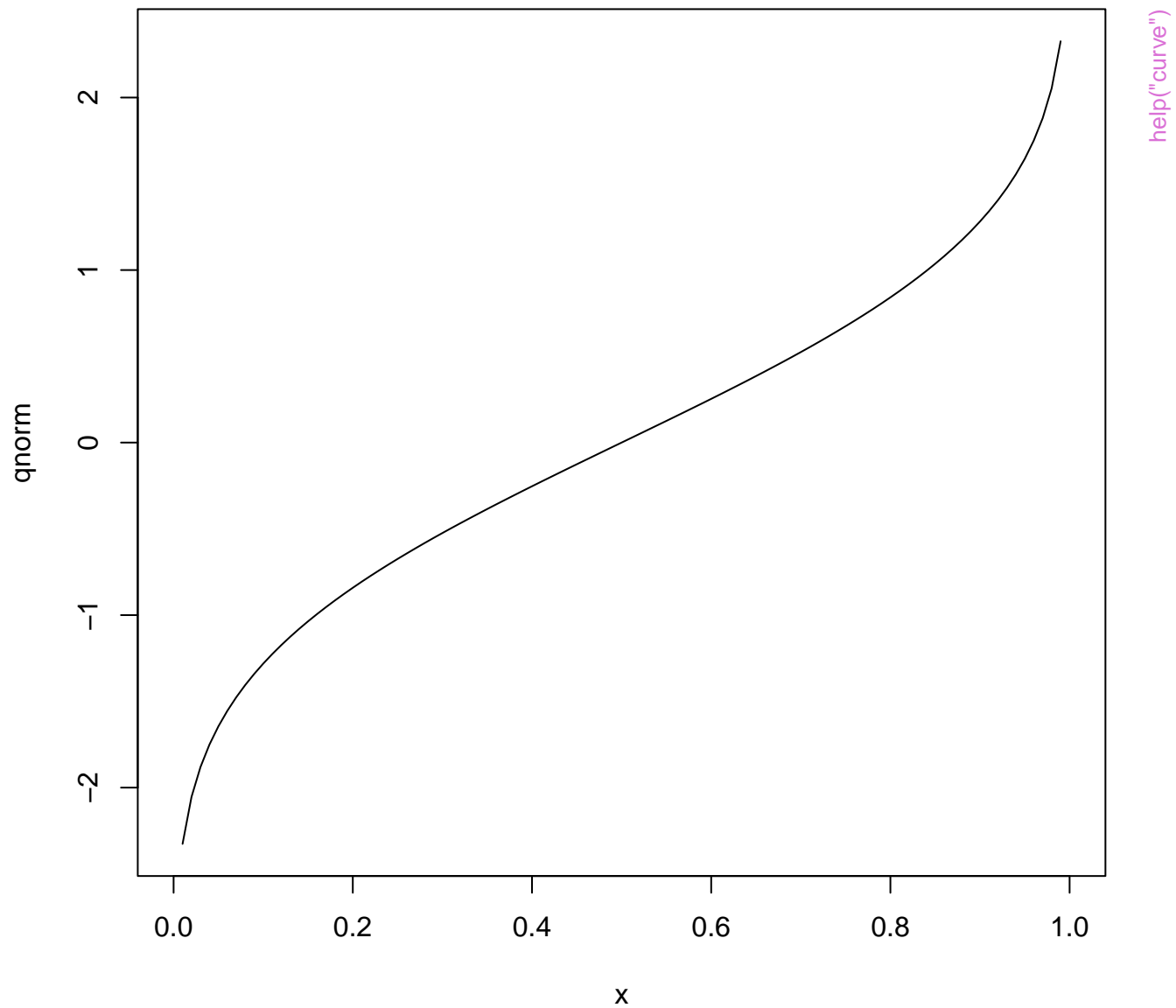
NrtC

new England  
Middle Atlantic  
South Atlantic  
East South Central  
West South Central  
East North Central  
West North Central  
Mountain  
Pacific

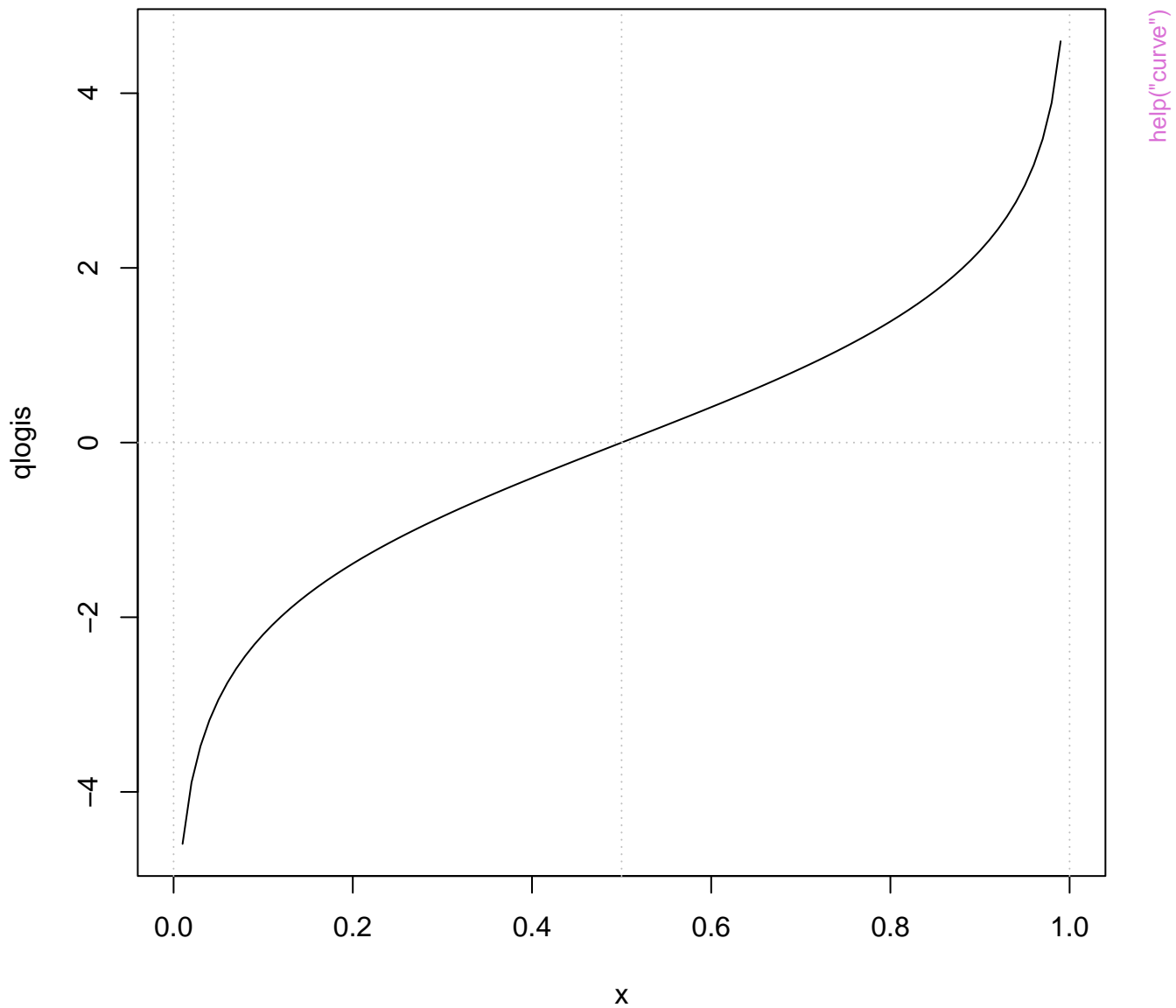
Given : state.division

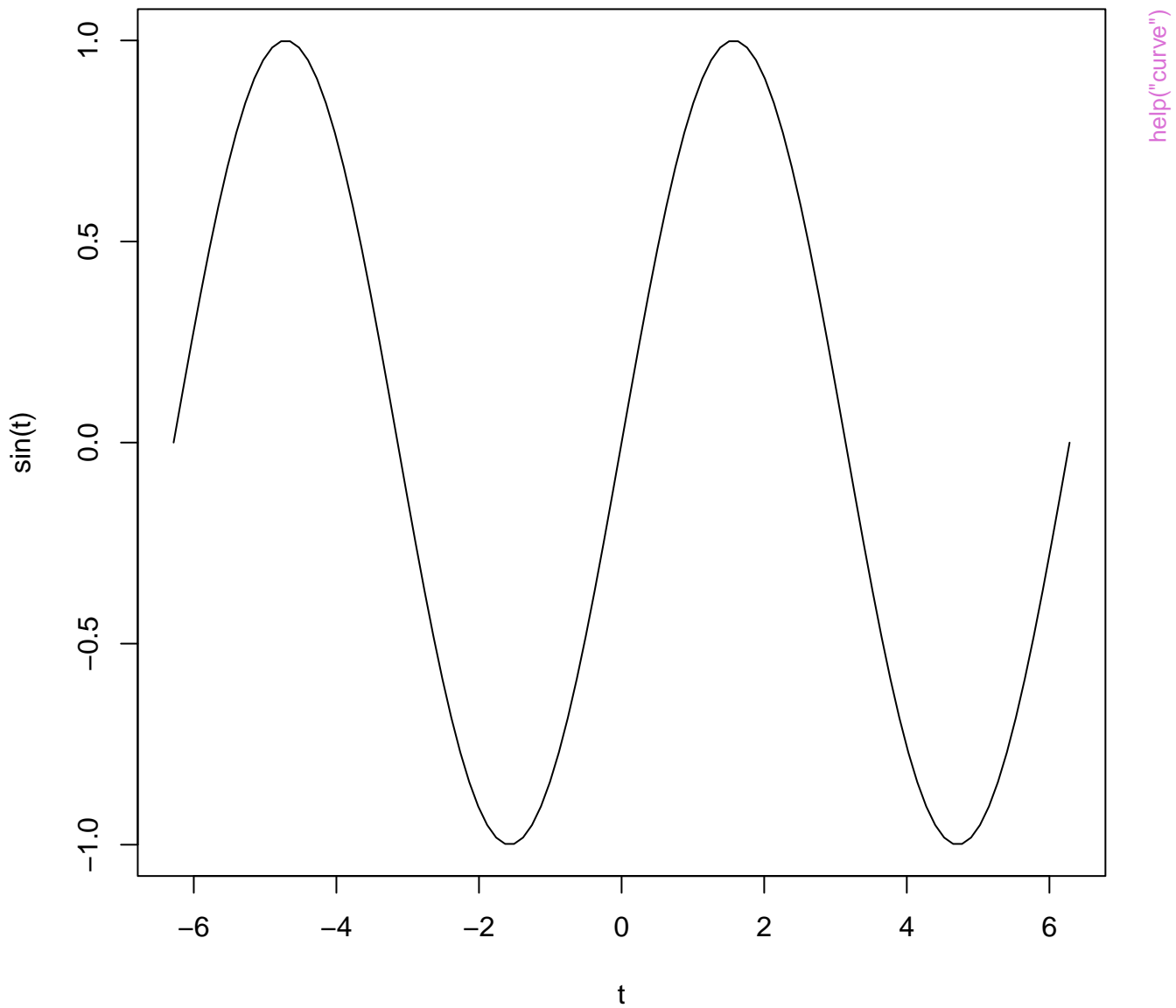
```
help("coplot")
```

# Life.Exp

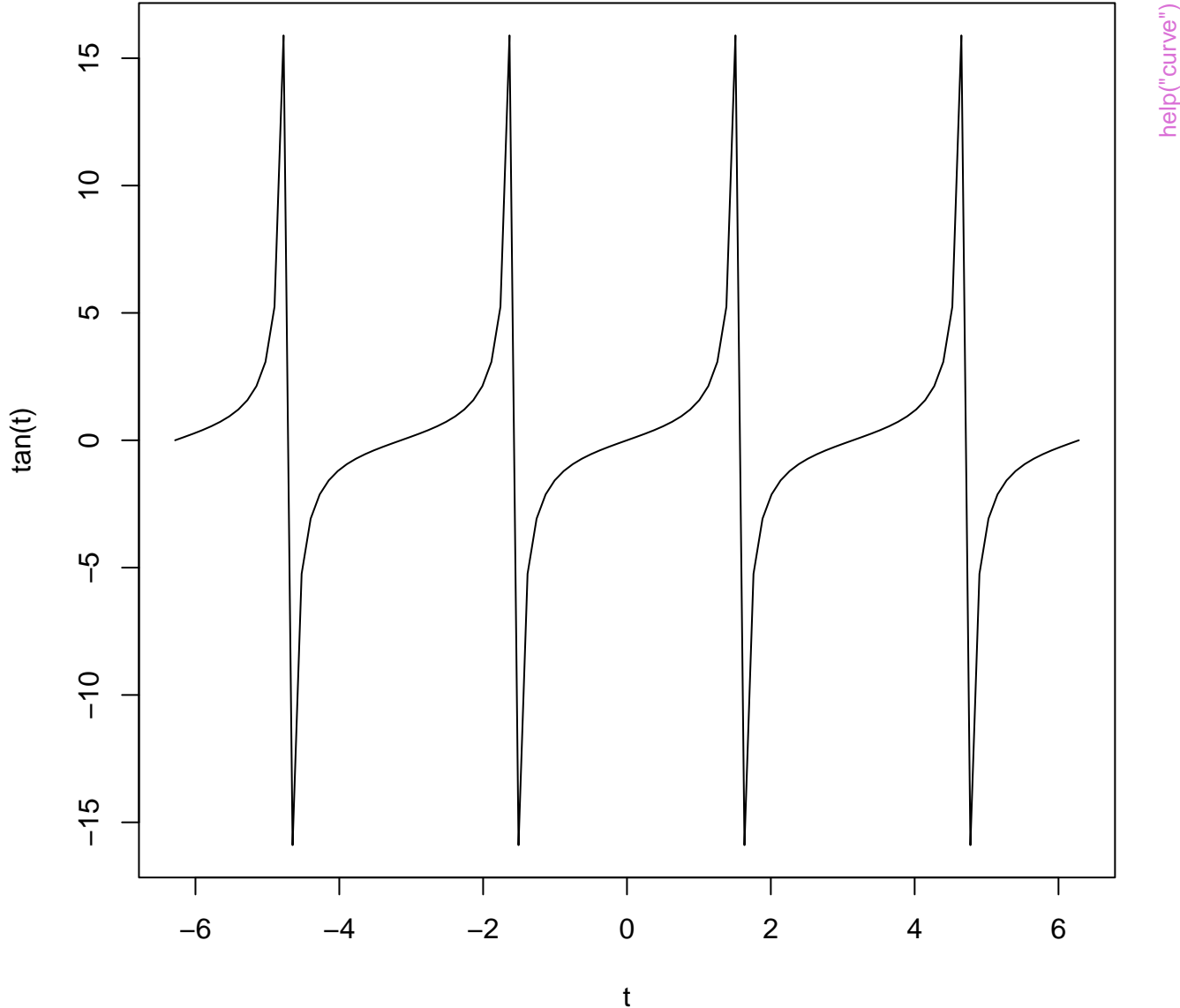


## The Inverse Logit : `qlogis()`



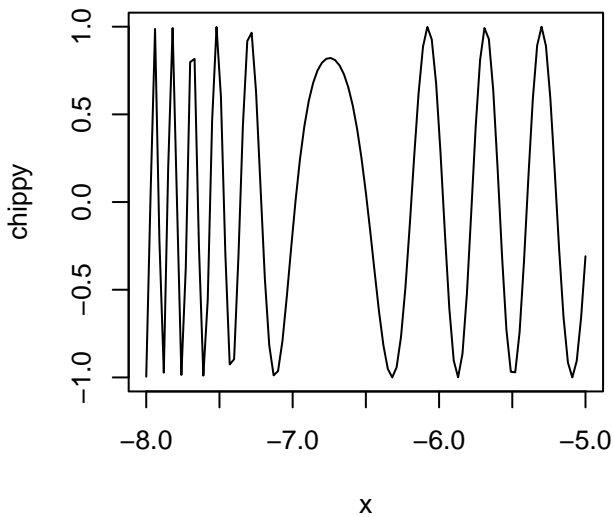
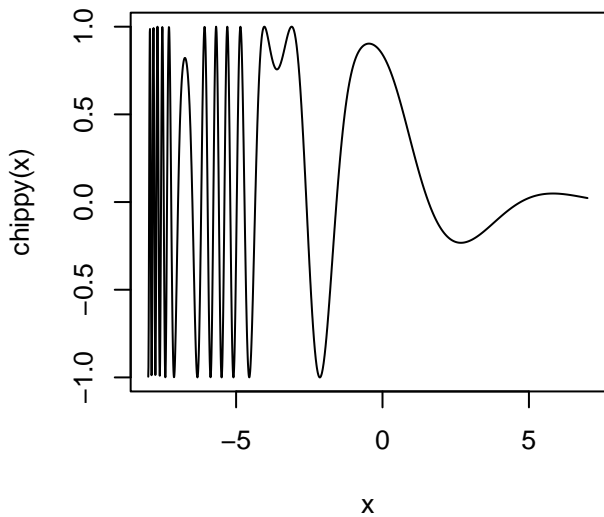
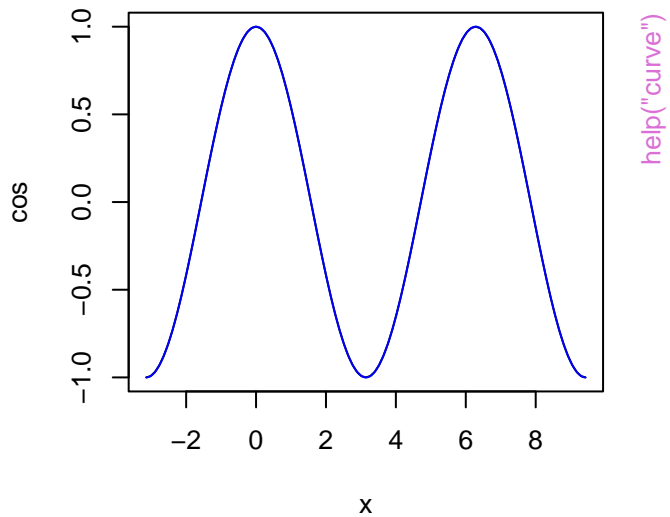
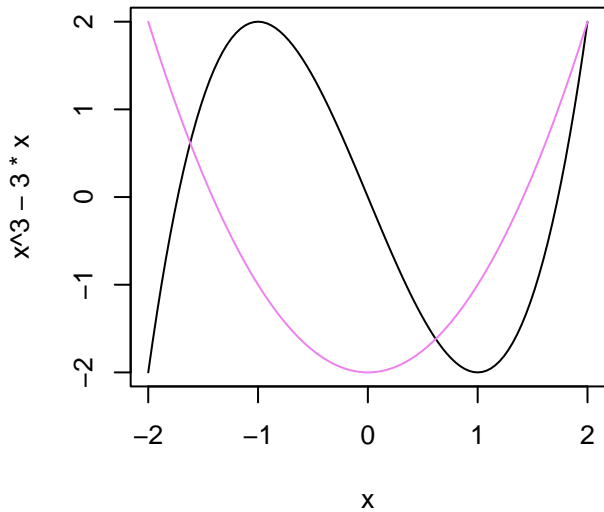


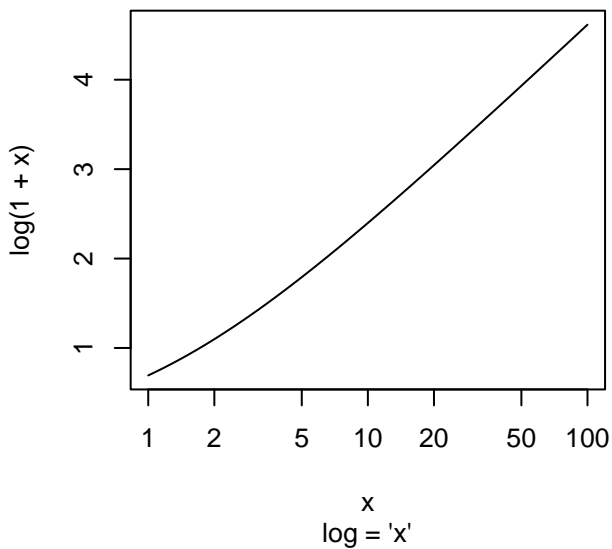
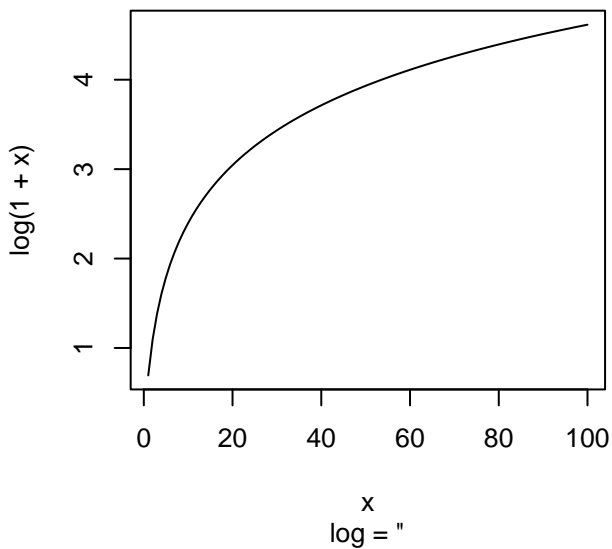
**curve(tan) --> same x-scale as previous plot**



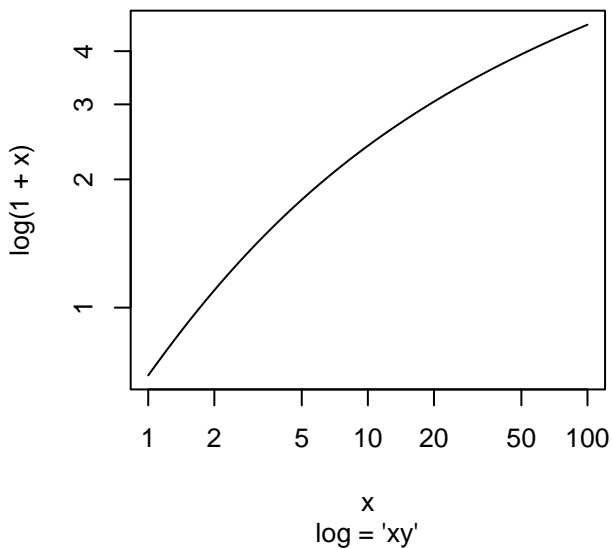
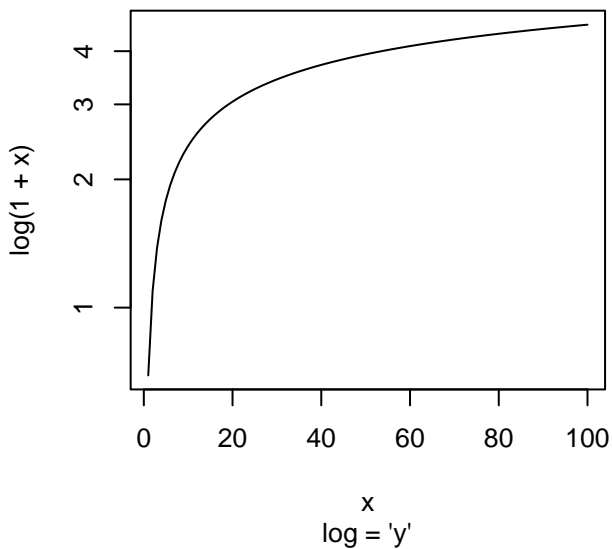
help("curve")







help("curve")



# Death Rates in Virginia – 1940

## Rural Male

70–74

65–69

60–64

55–59

50–54

## Rural Female

70–74

65–69

60–64

55–59

50–54

## Urban Male

70–74

65–69

60–64

55–59

50–54

## Urban Female

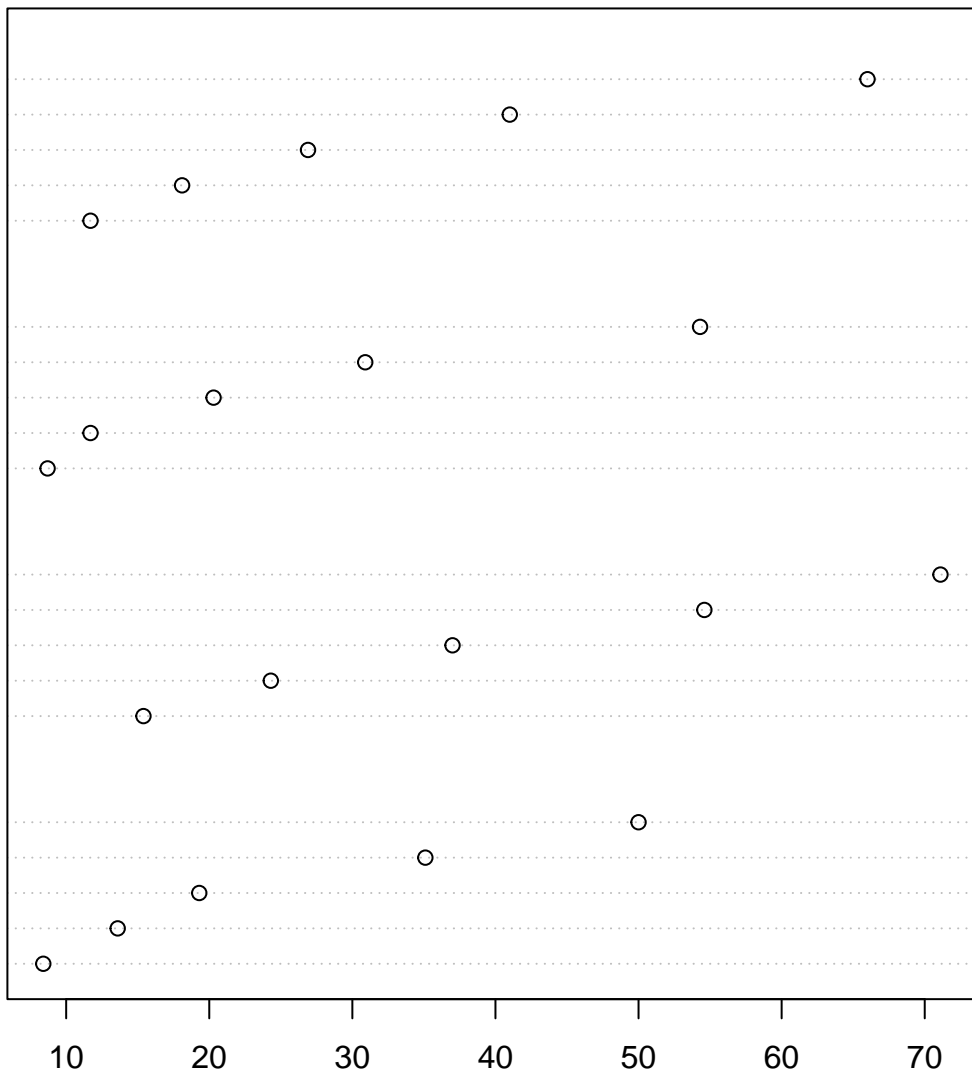
70–74

65–69

60–64

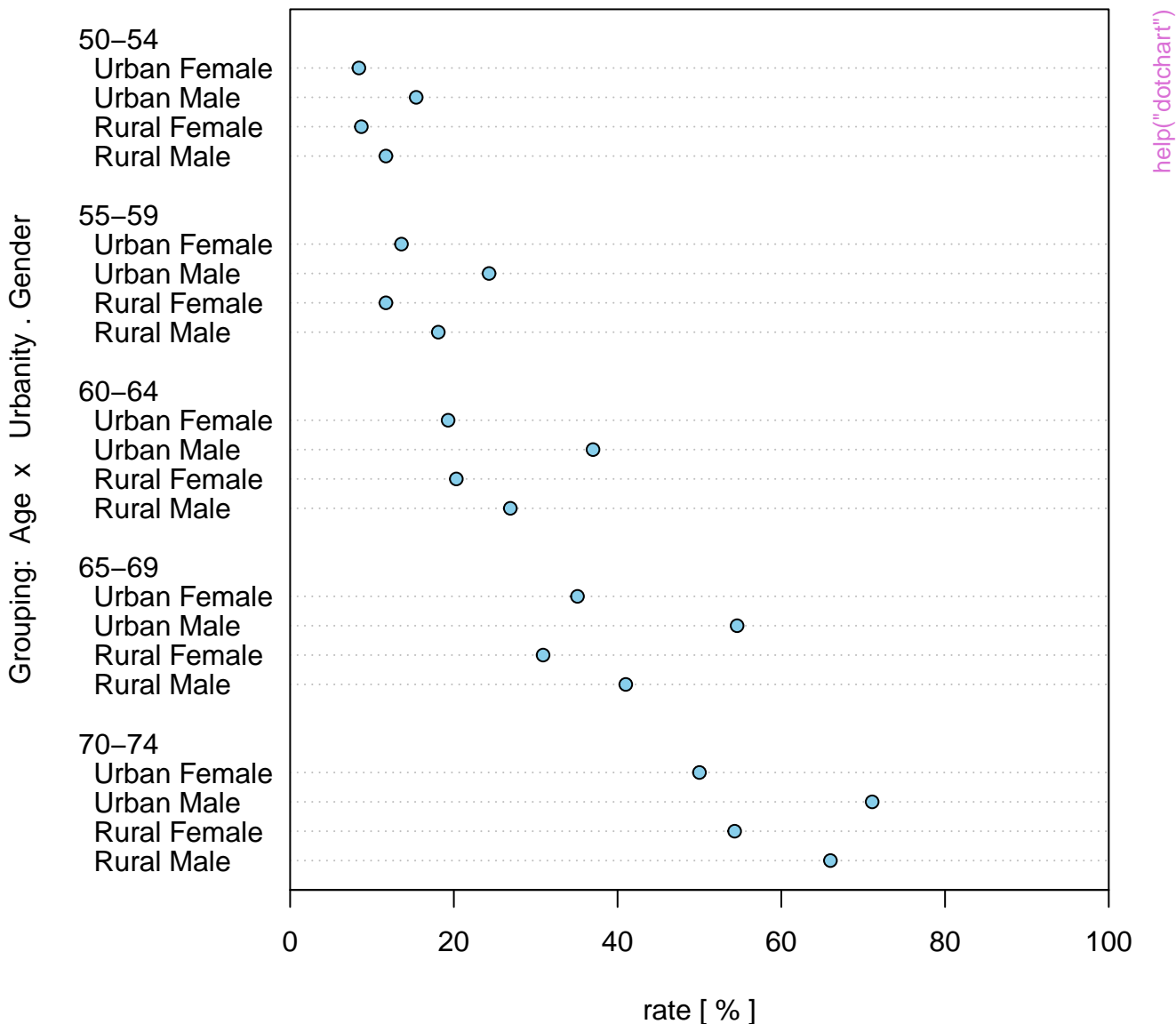
55–59

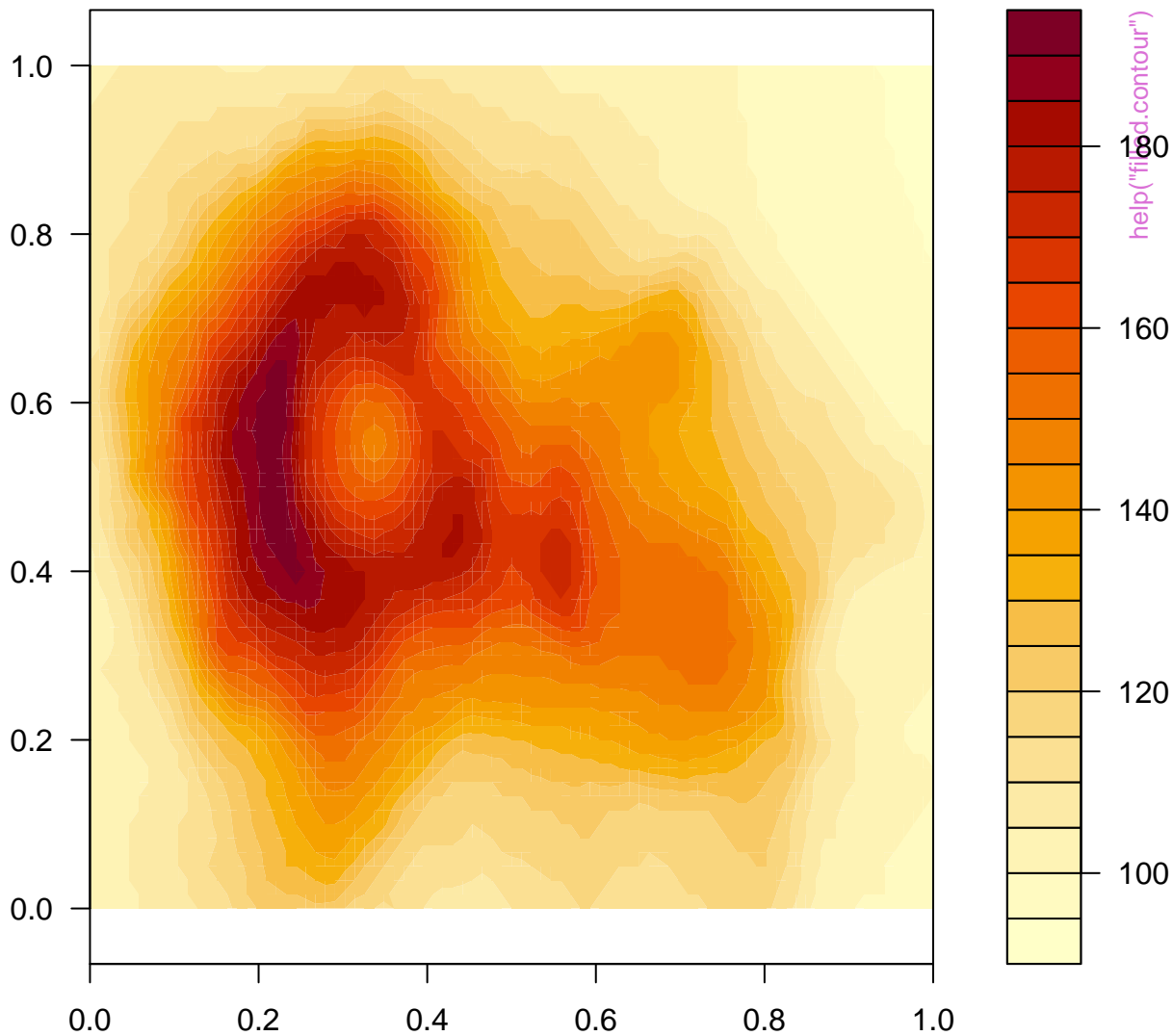
50–54



help("dotchart")

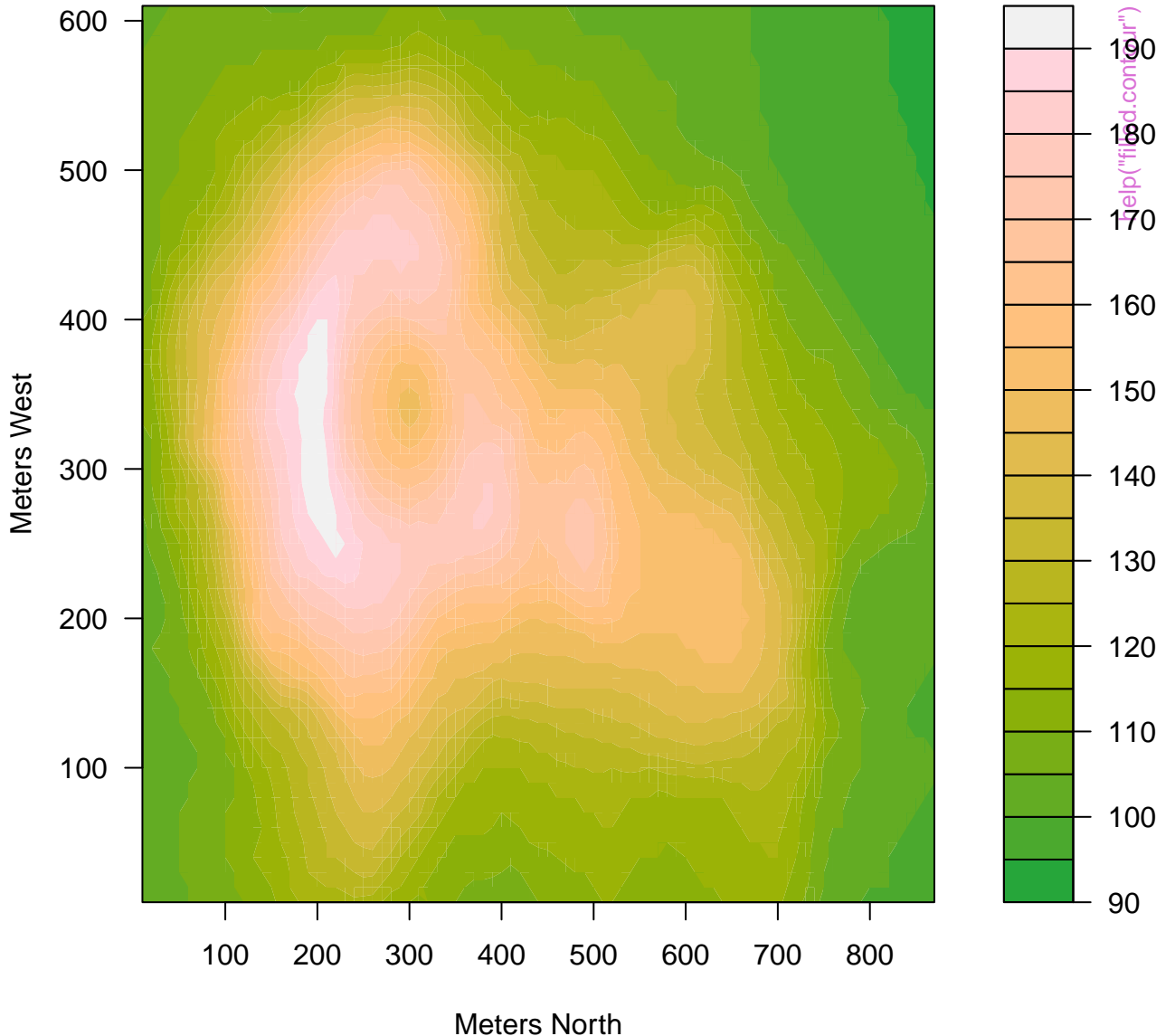
# Death Rates in Virginia – 1940

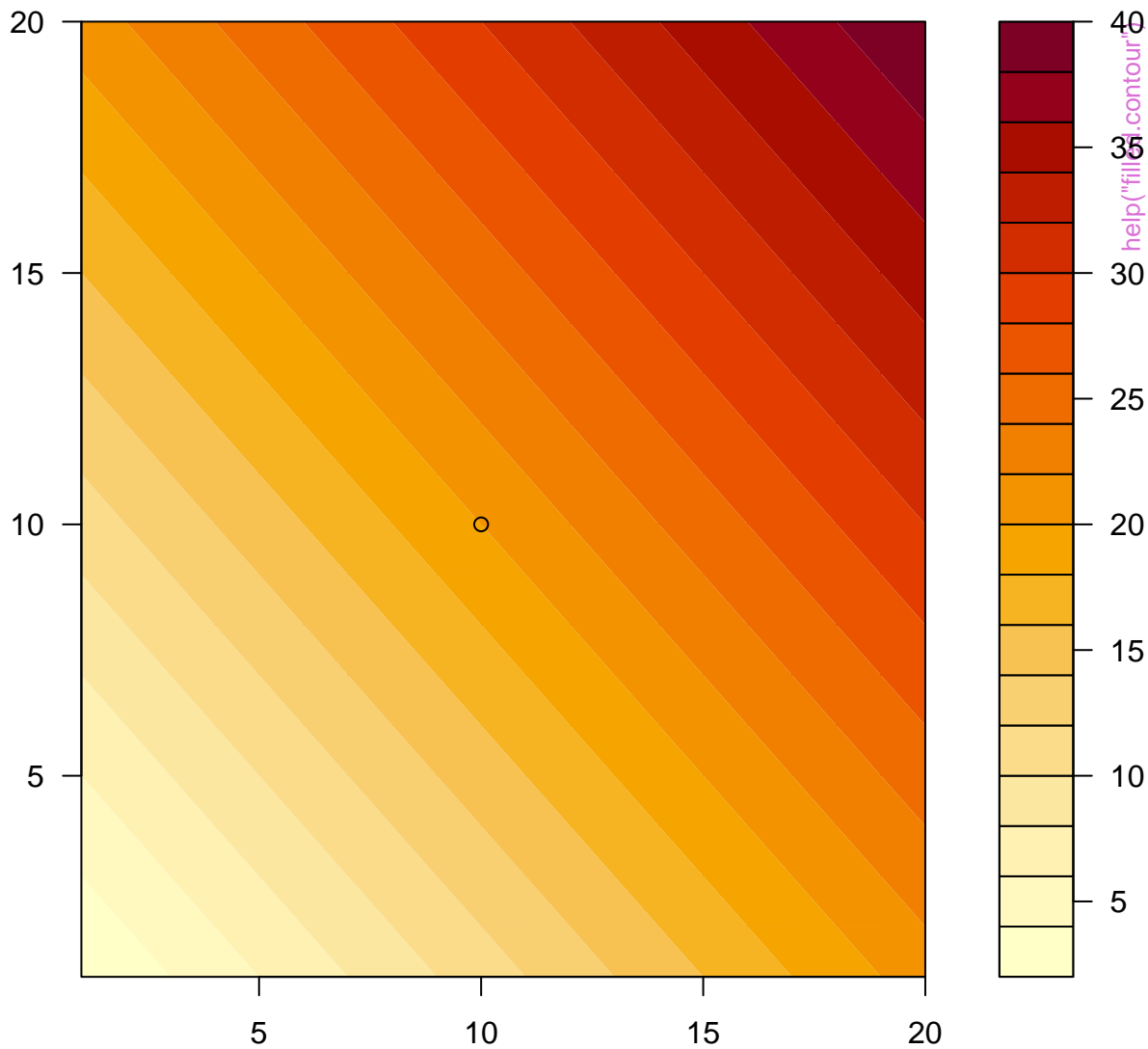


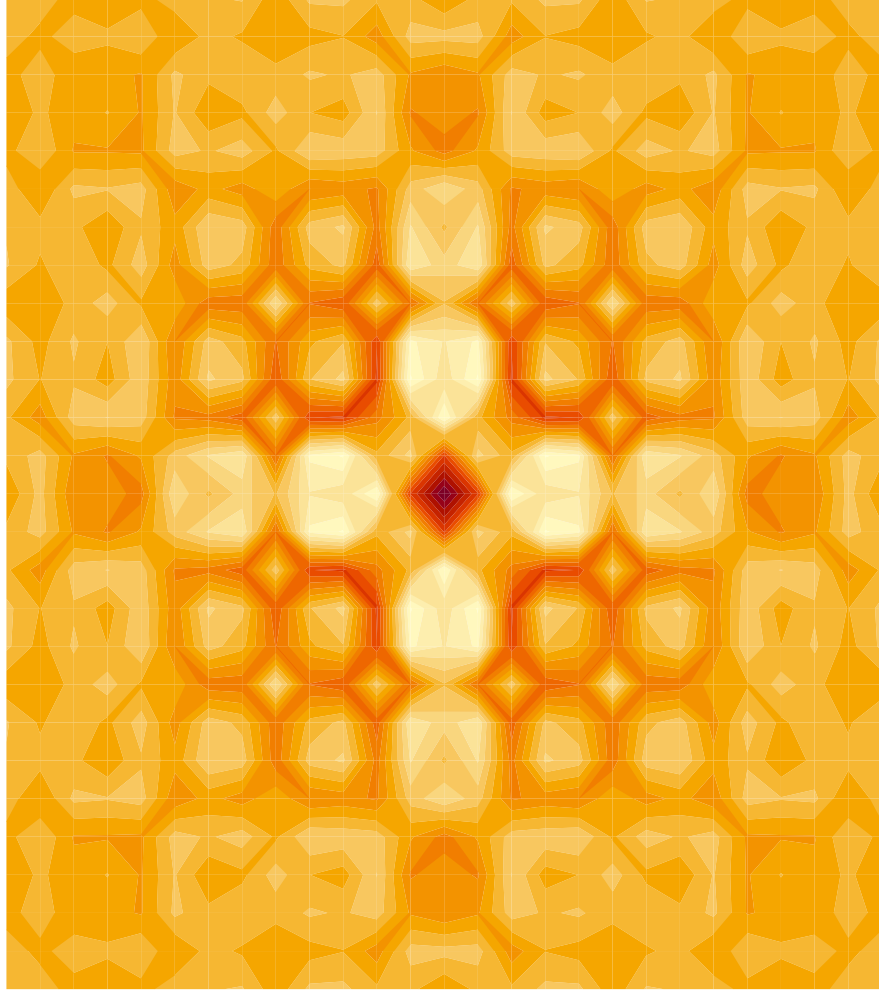


# The Topography of Maunga Whau

Height  
(meters)

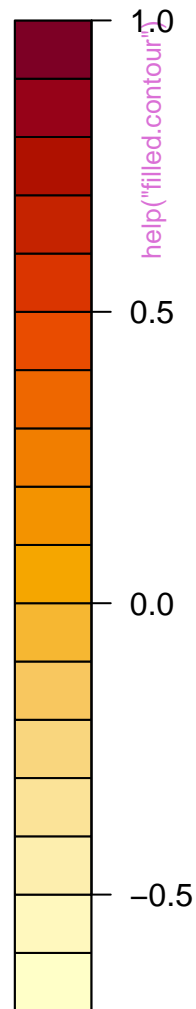
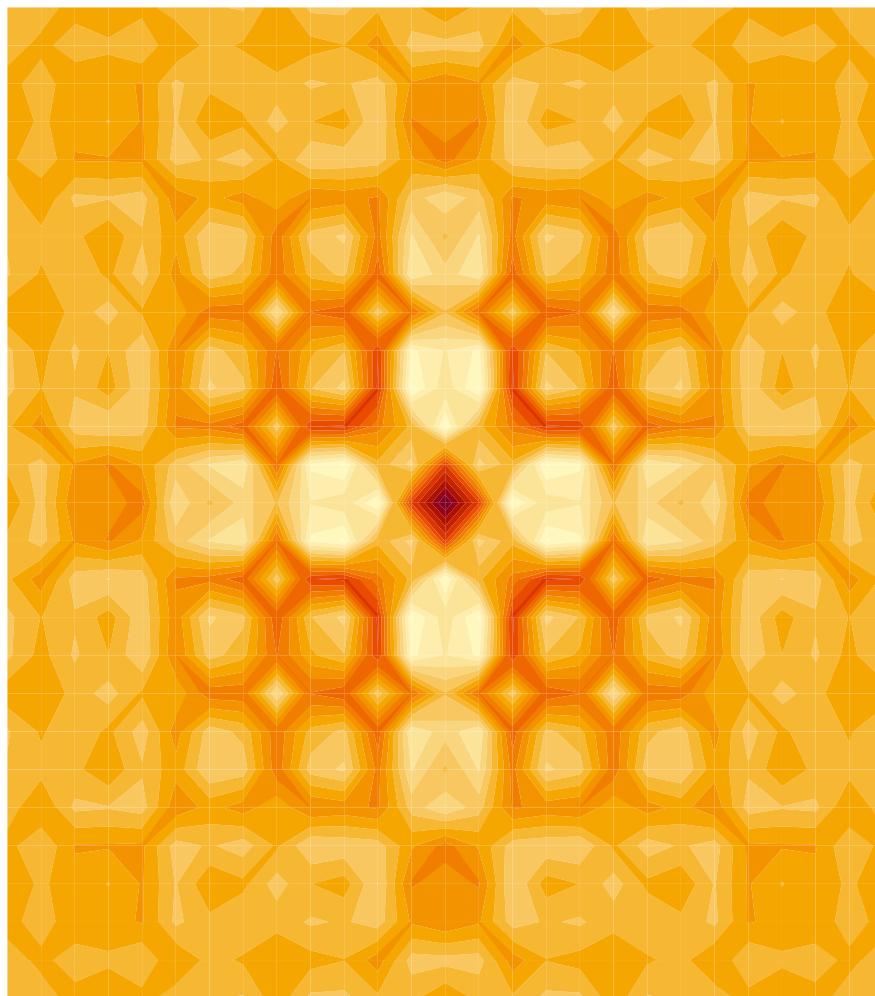






help("filled.contour")





Sex: Male

1198

1493

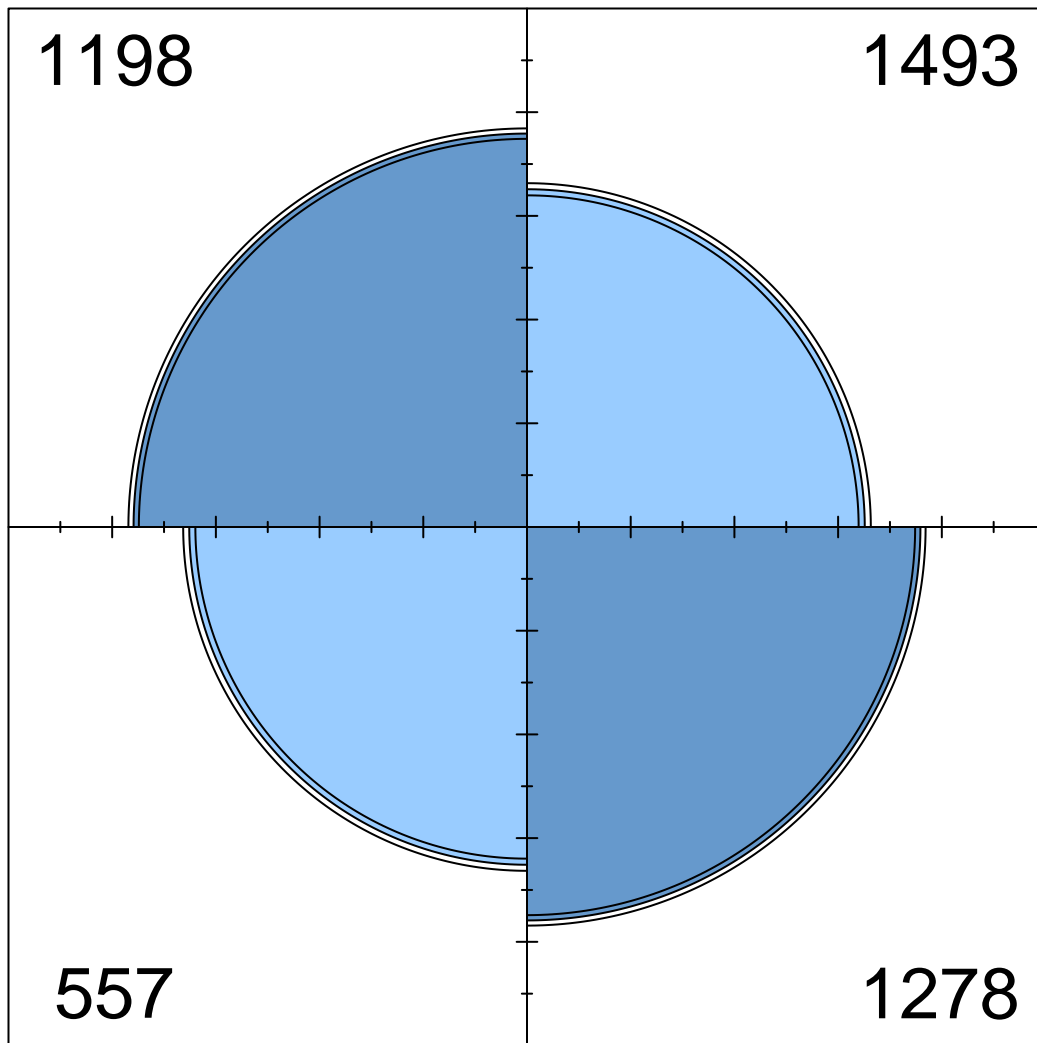
Admit?: Yes

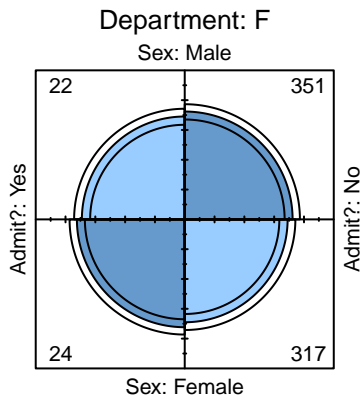
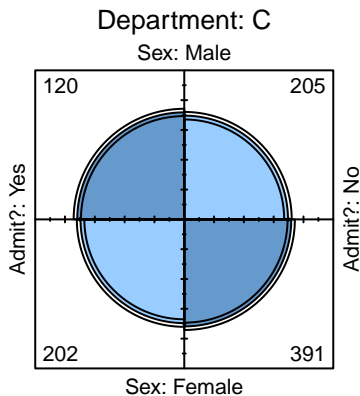
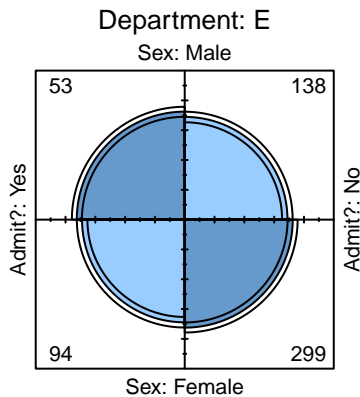
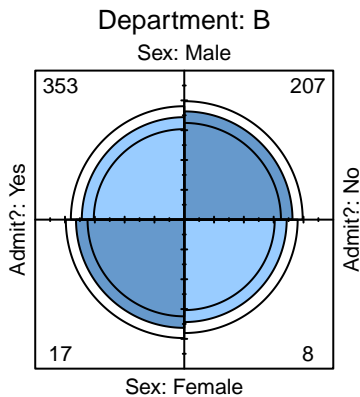
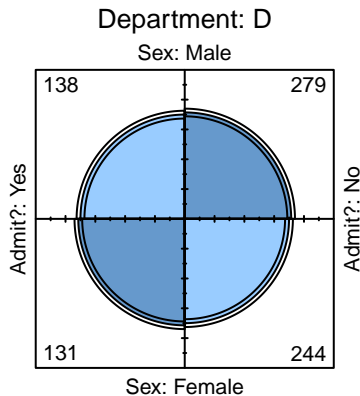
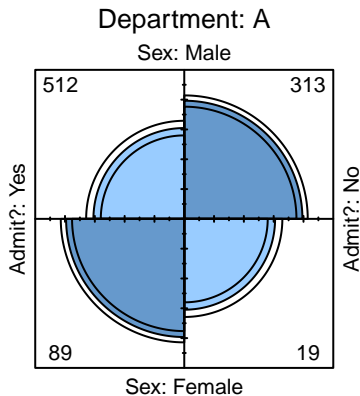
Admit?: No

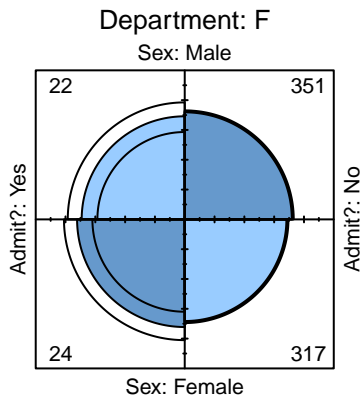
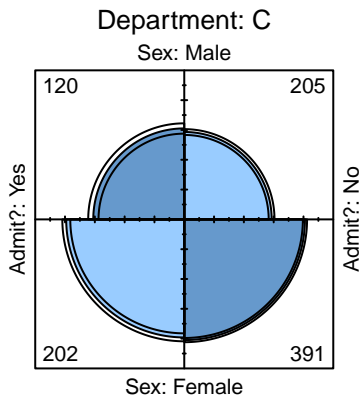
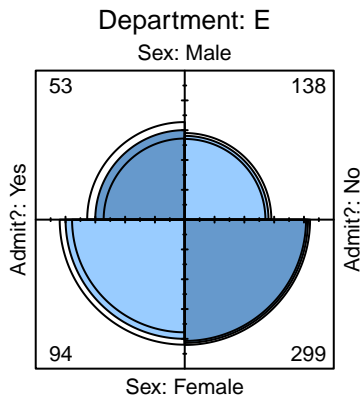
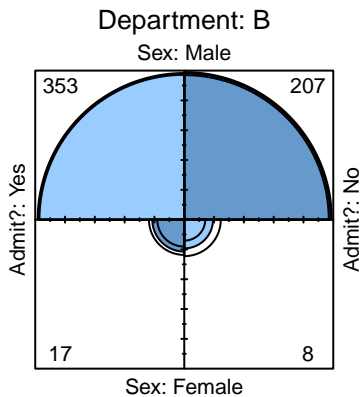
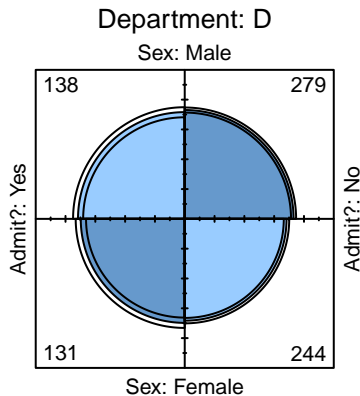
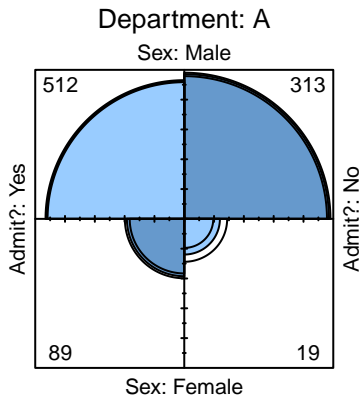
557

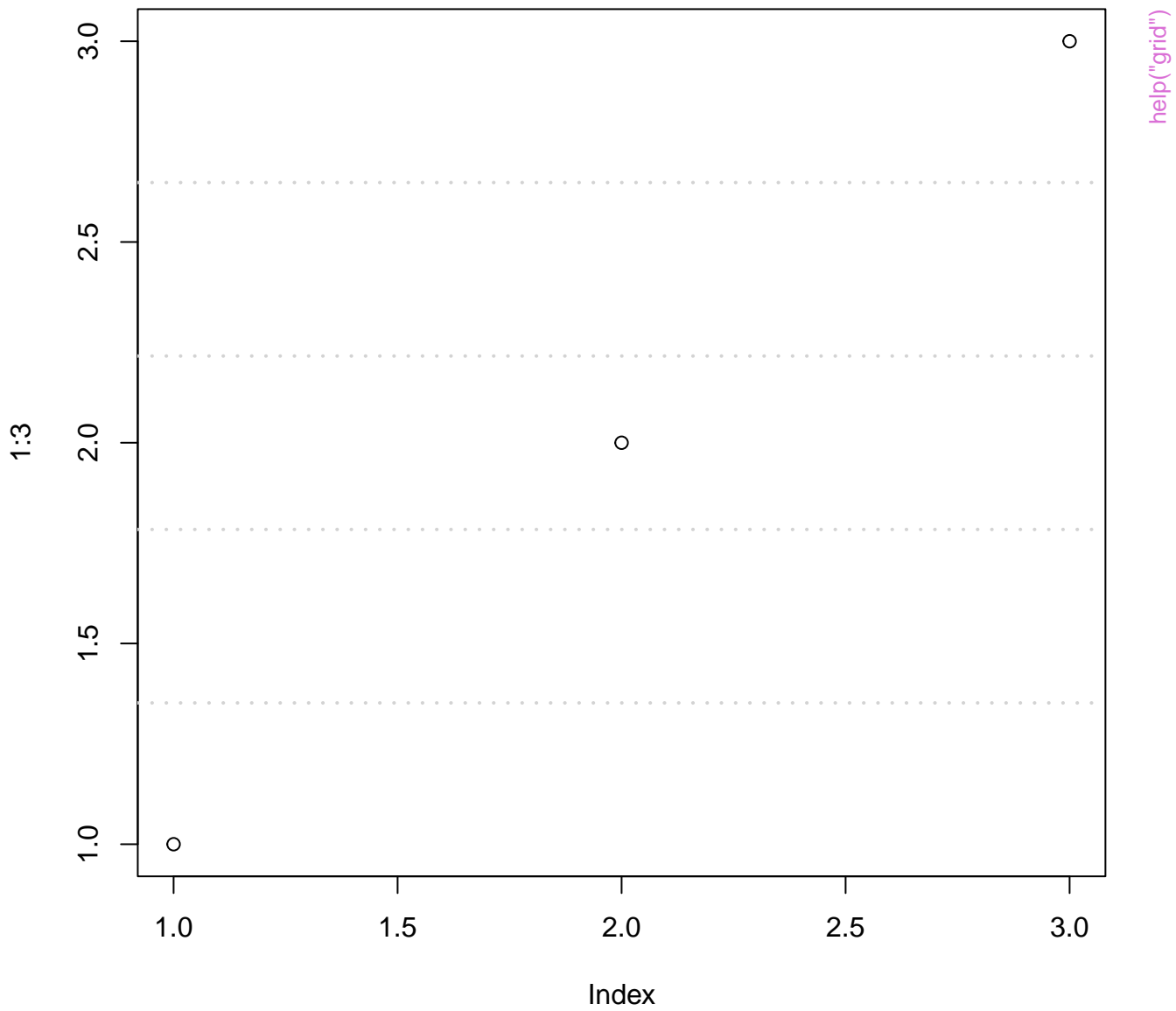
1278

Sex: Female

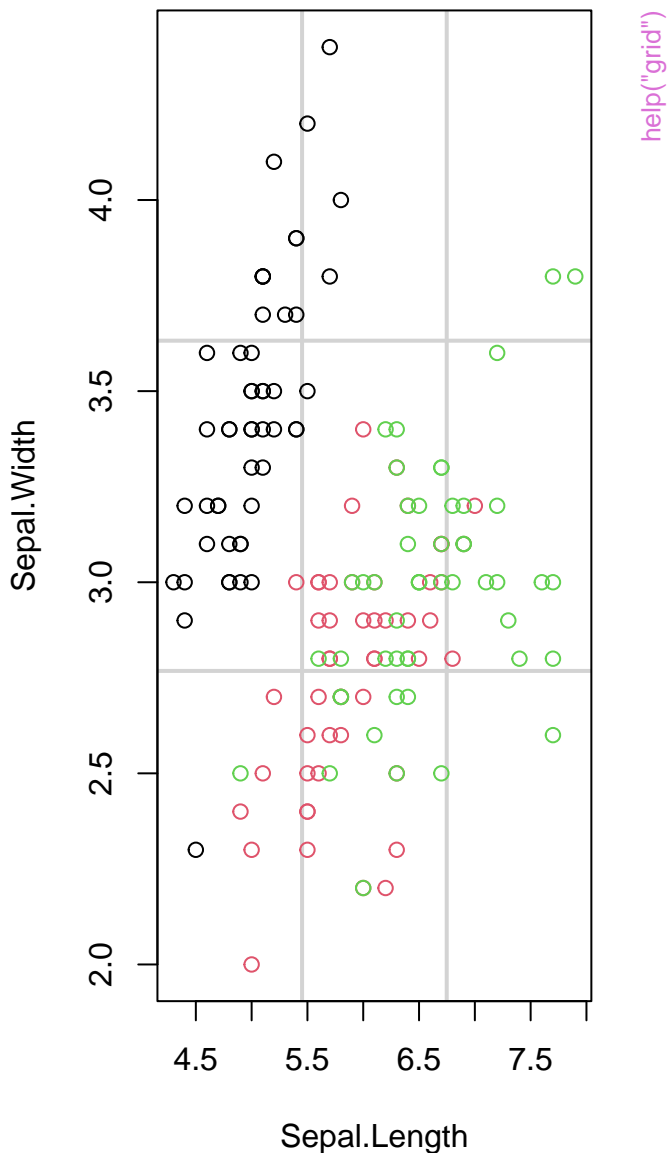
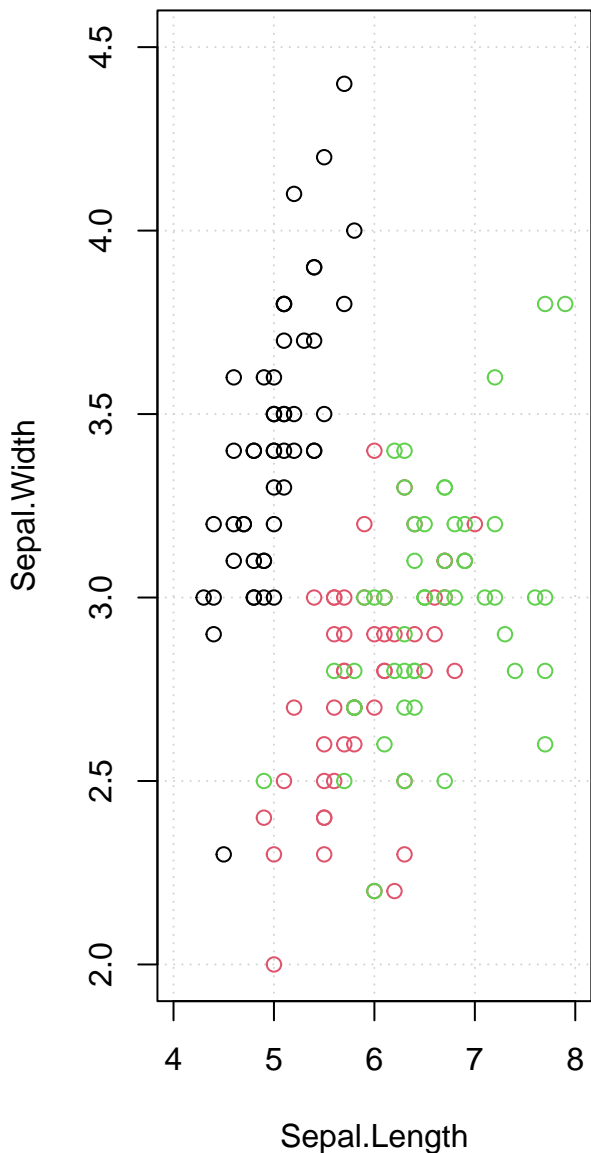




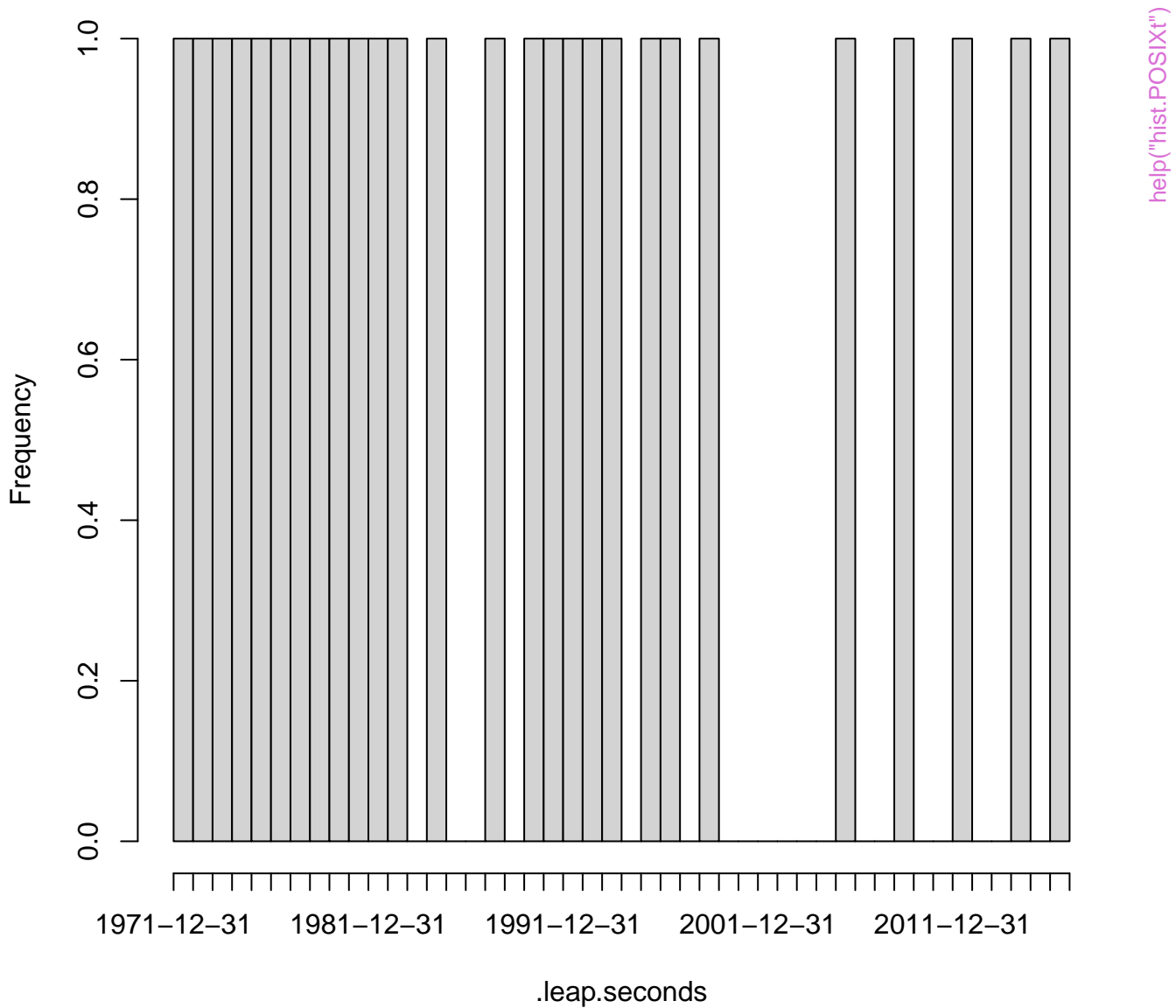




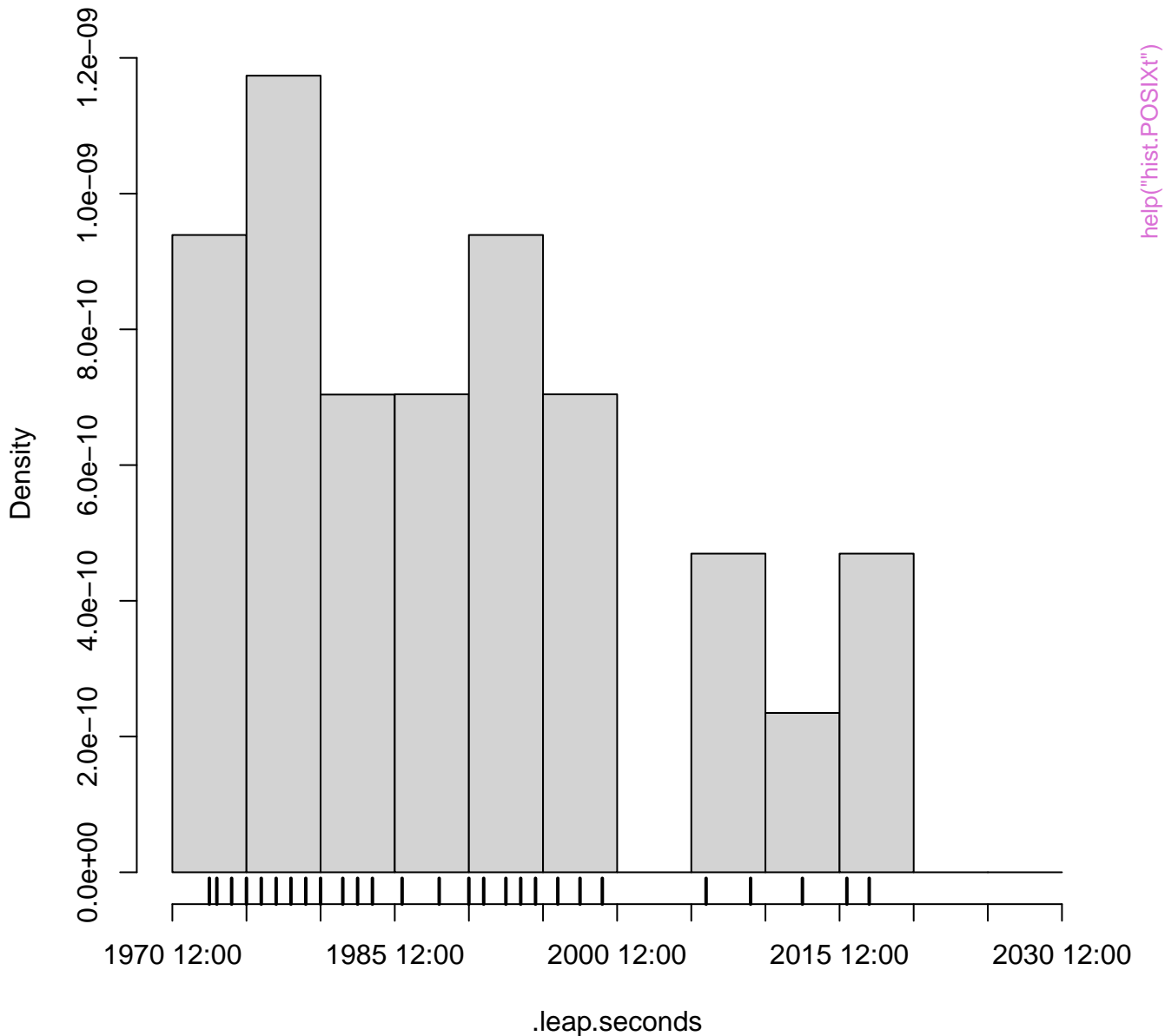
`with(iris, plot(...., panel.first = grid(), ... panel.first = grid(3, lty = 1, lwd = 2))`



Histogram of .leap.seconds

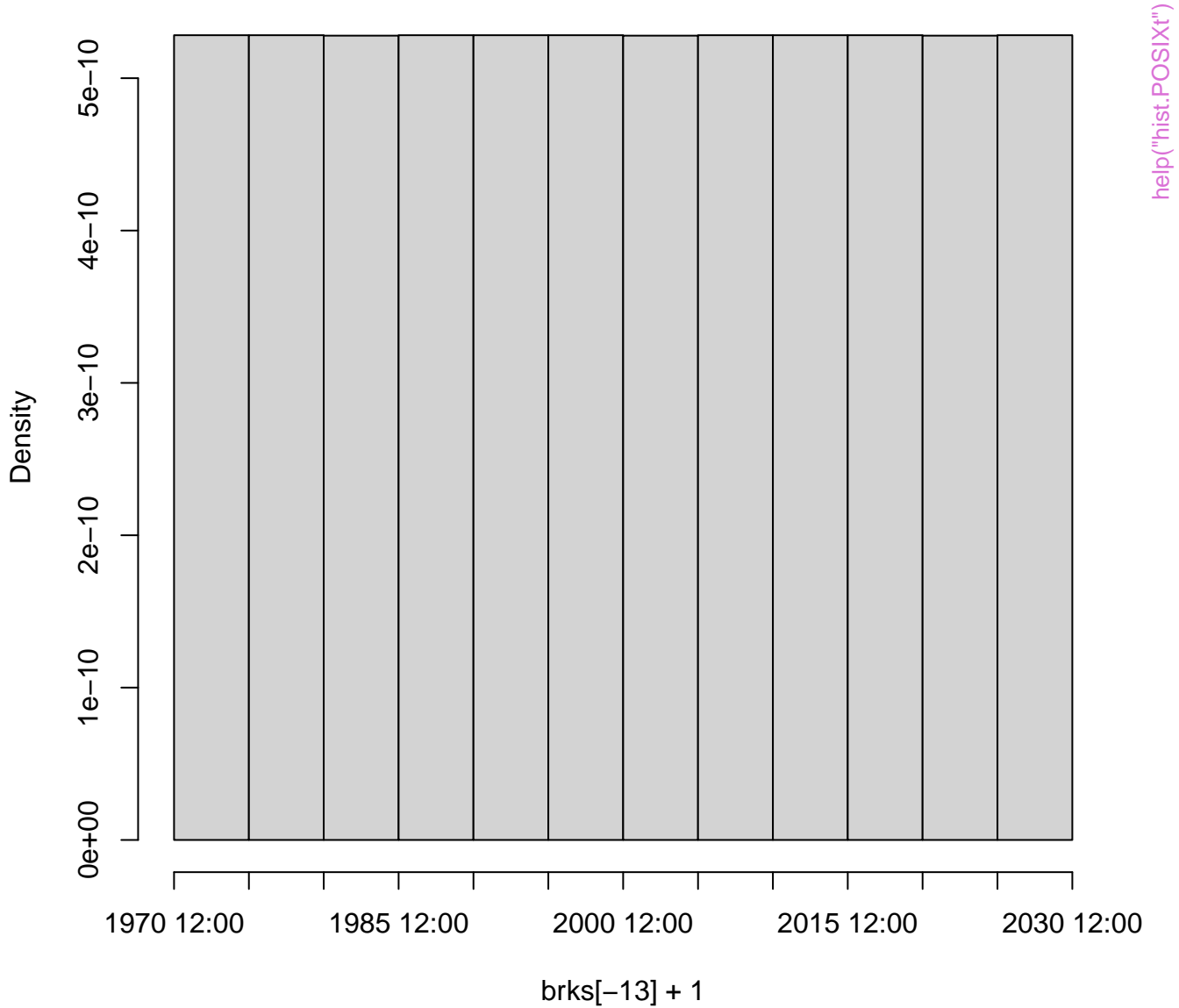


Histogram of .leap.seconds

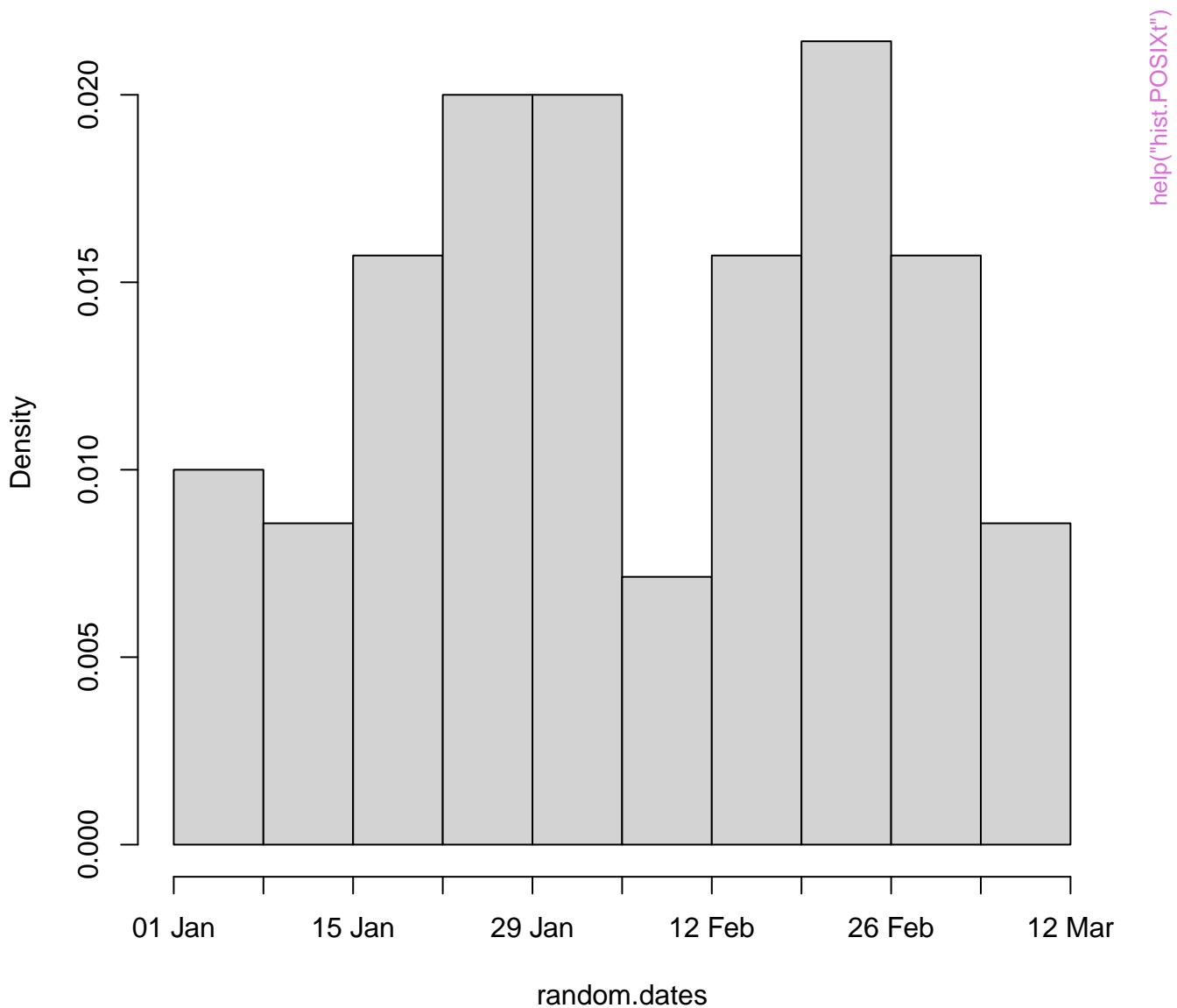




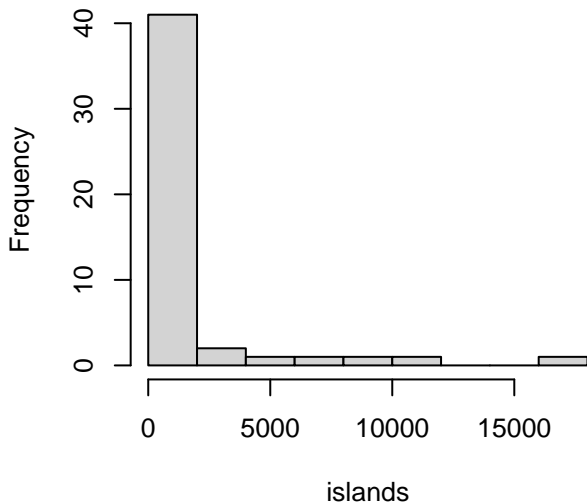
Histogram of brks[-13] + 1



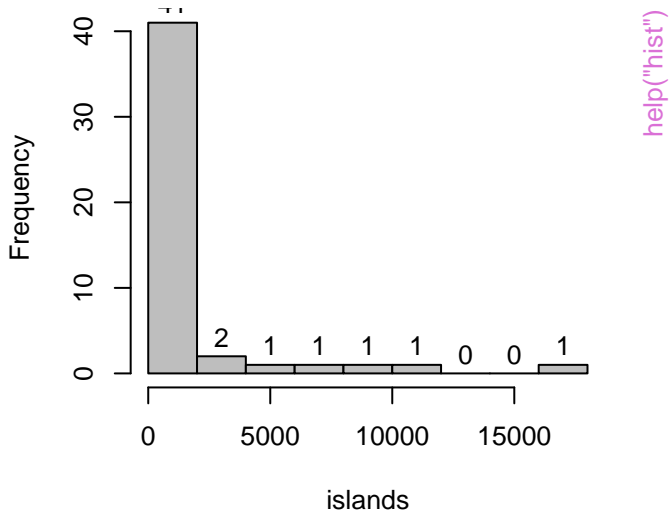
**Histogram of random.dates**



### Histogram of islands

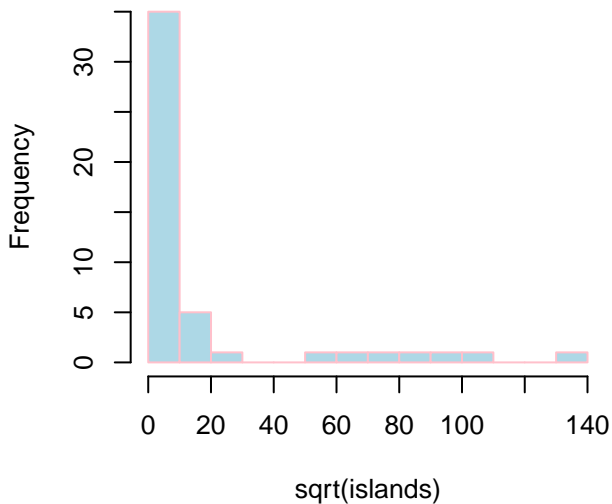


### Histogram of islands

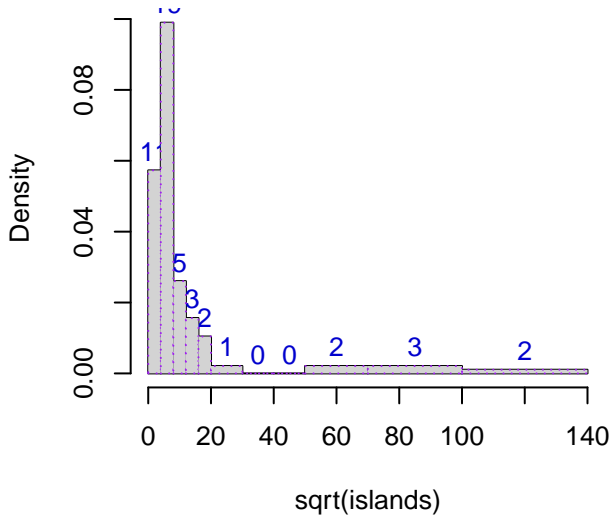


help("hist")

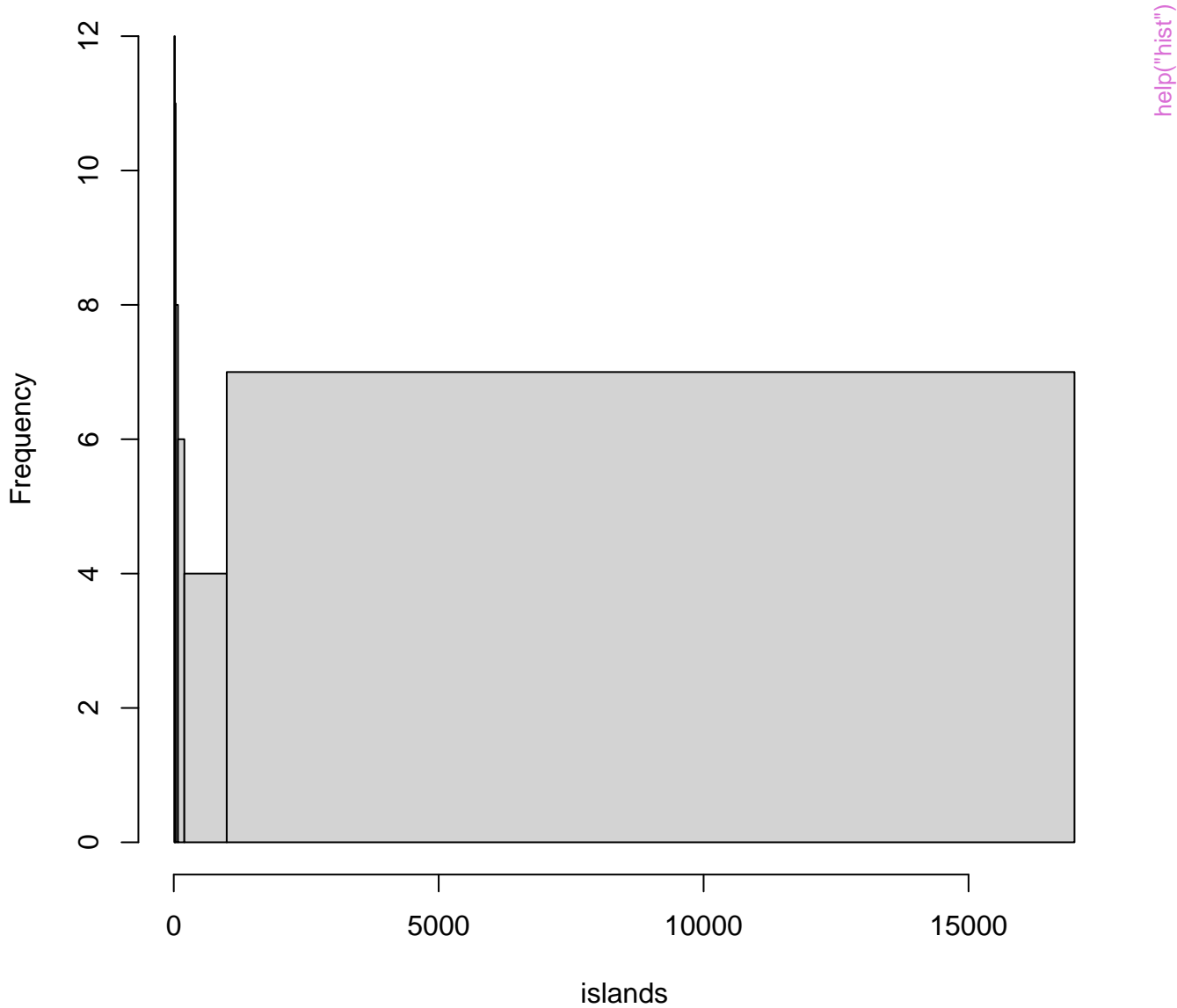
### Histogram of sqrt(islands)



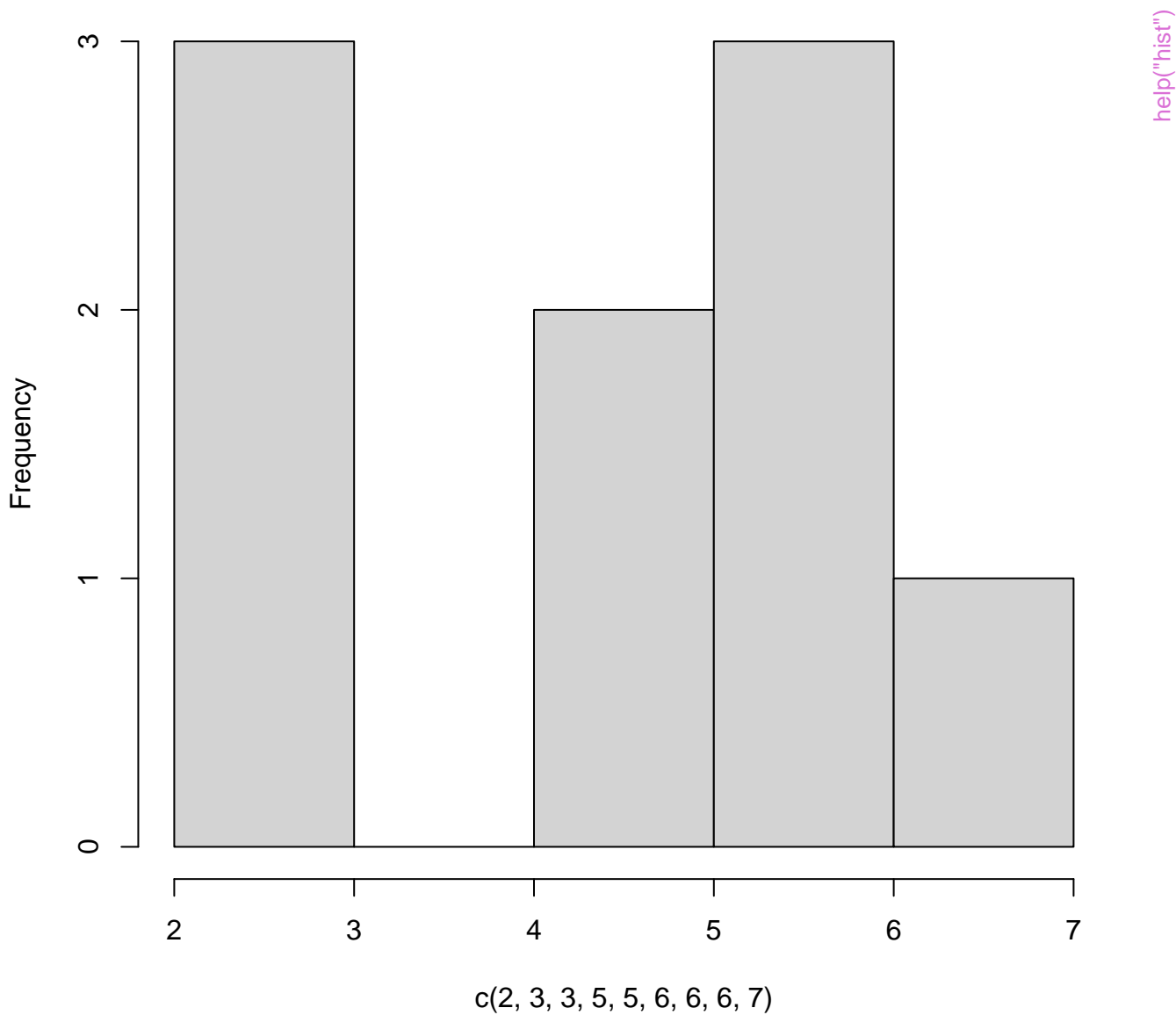
### Histogram of sqrt(islands)



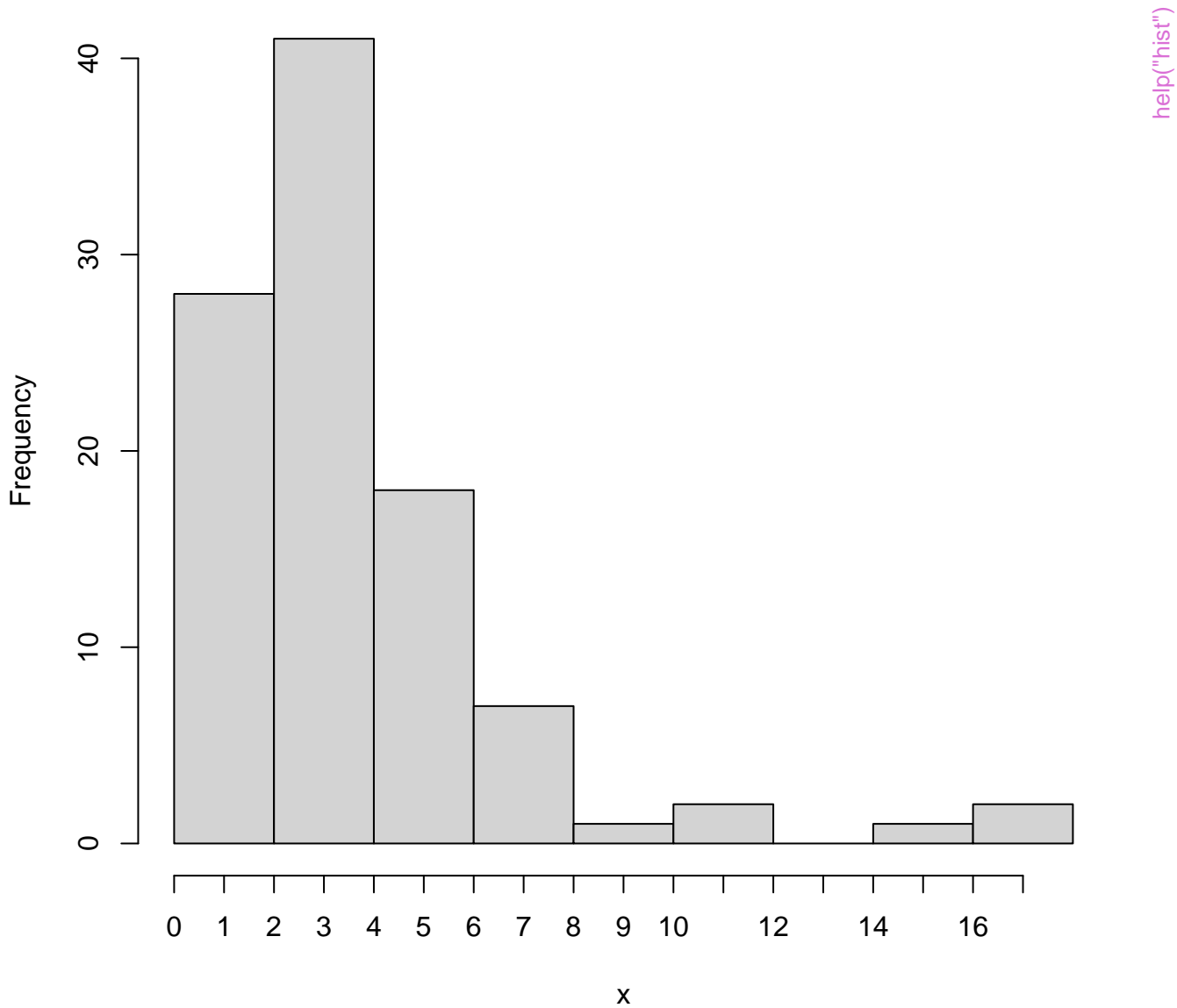
## WRONG histogram

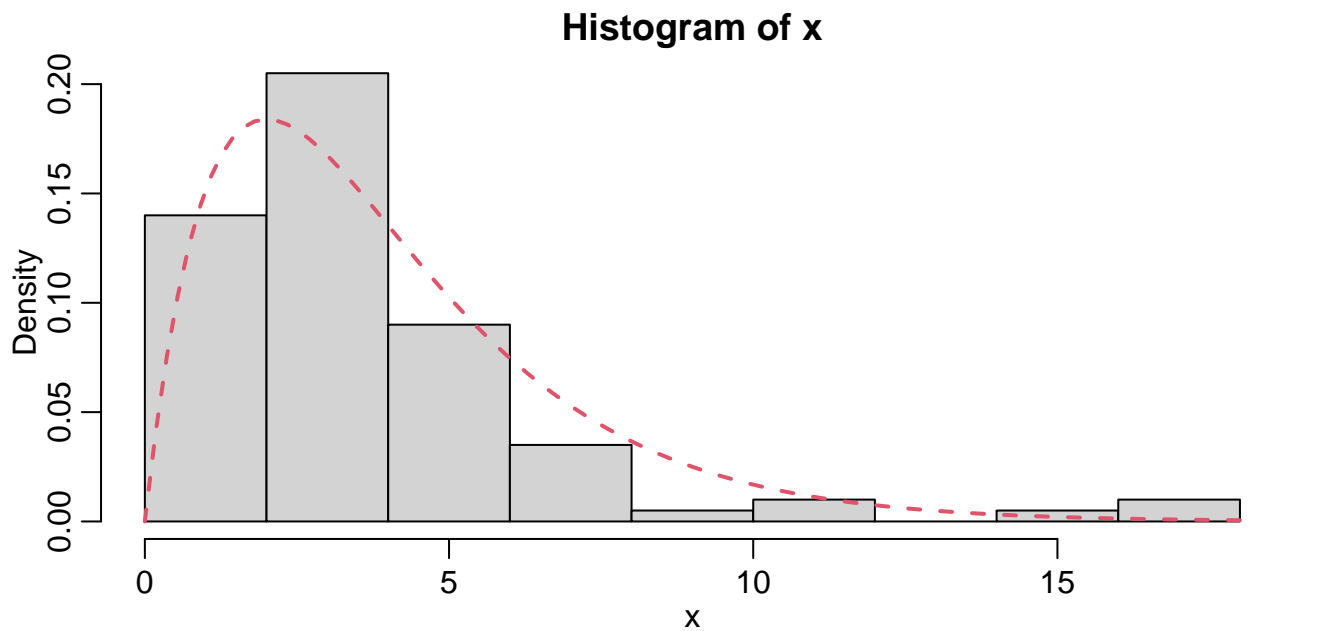
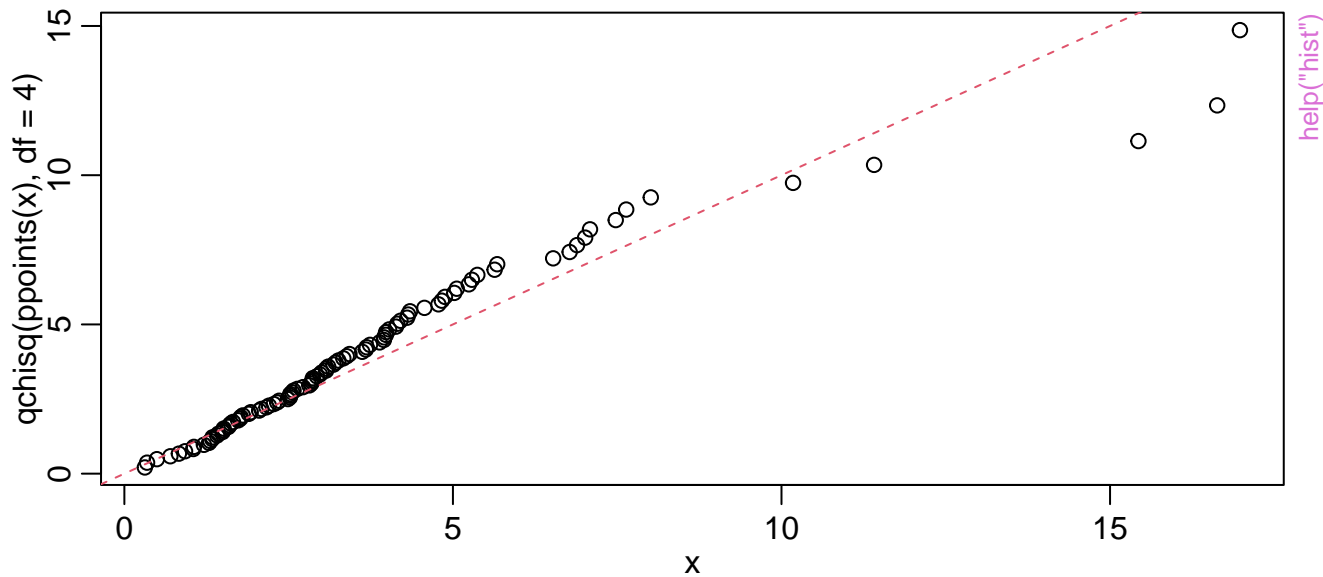


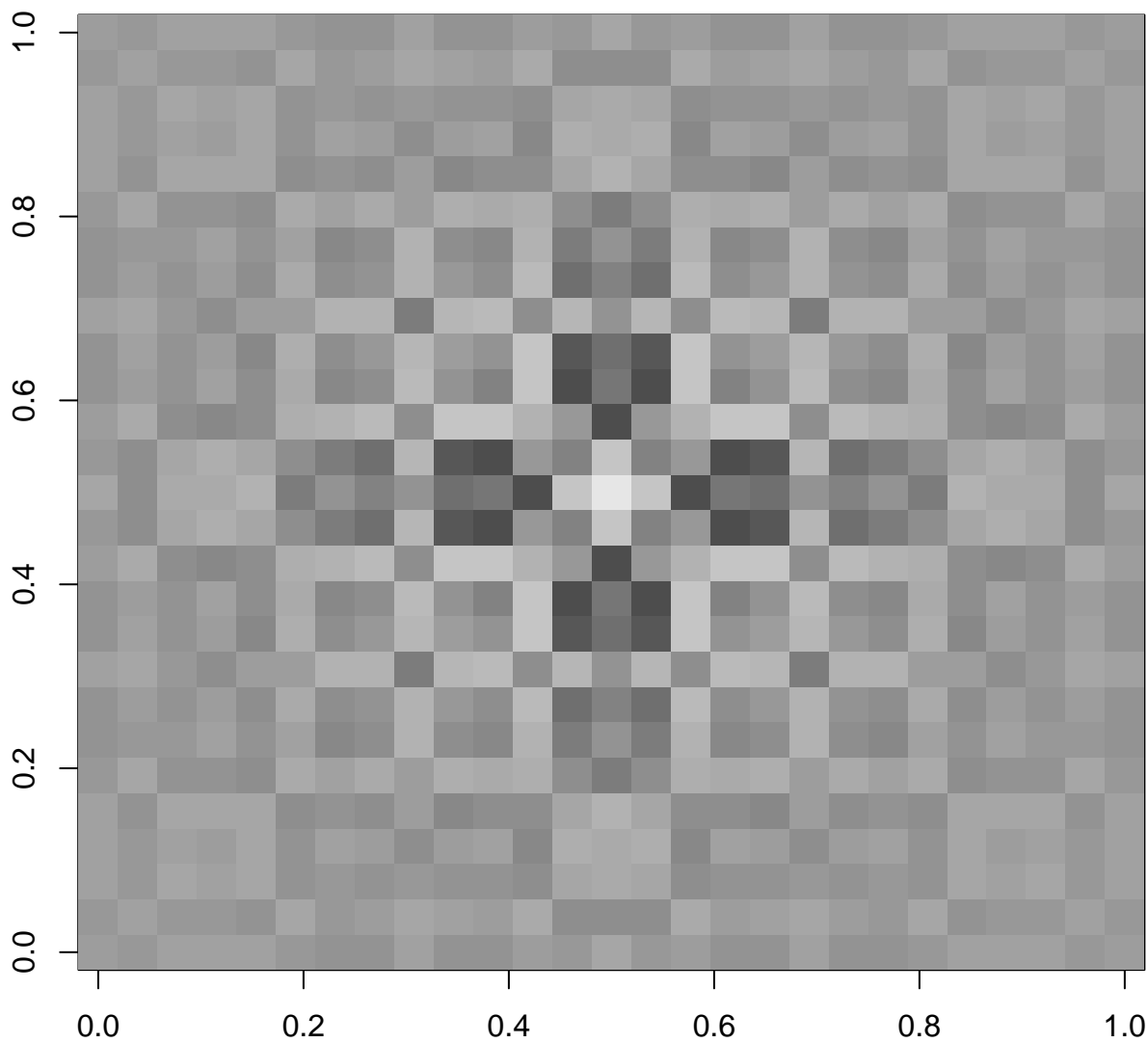
**Histogram of c(2, 3, 3, 5, 5, 6, 6, 6, 7)**



Histogram of x



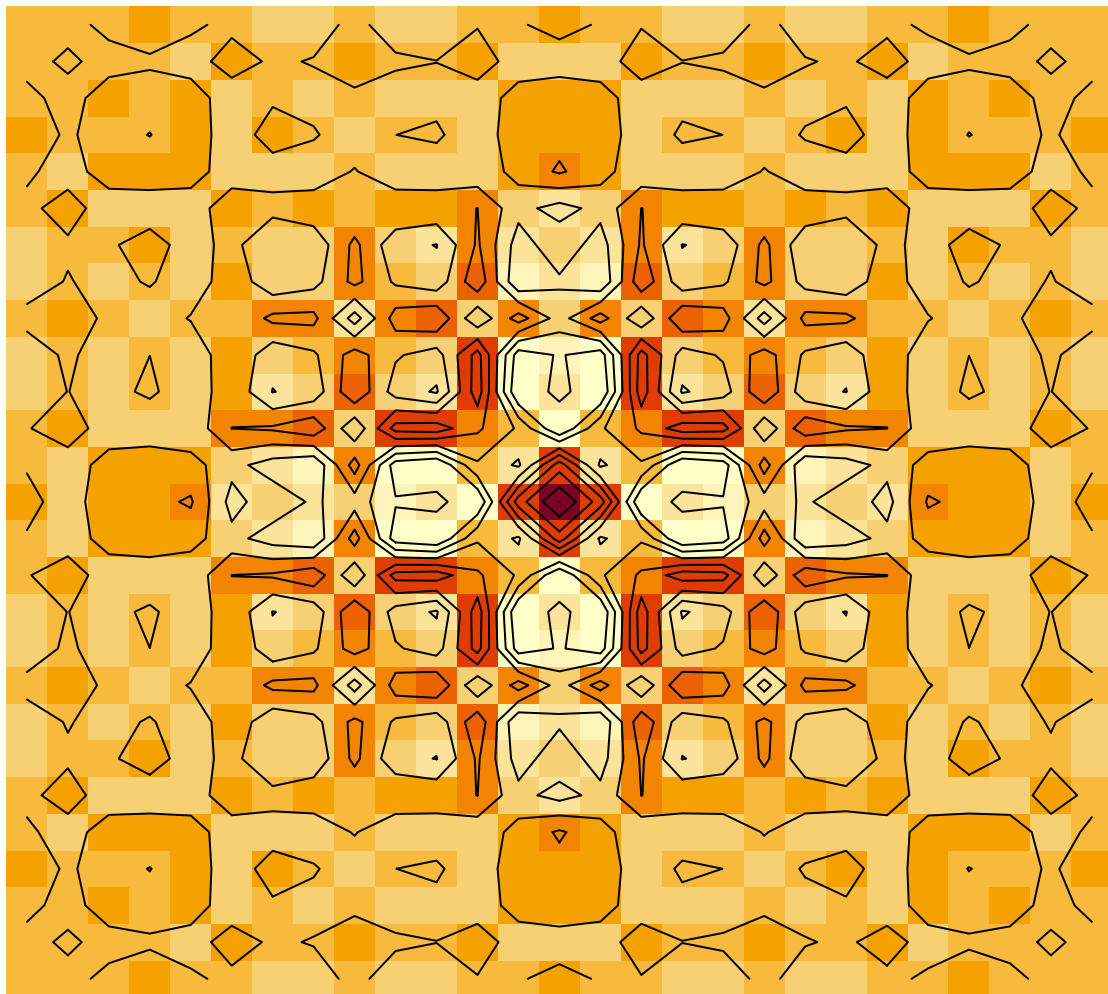




help("image")



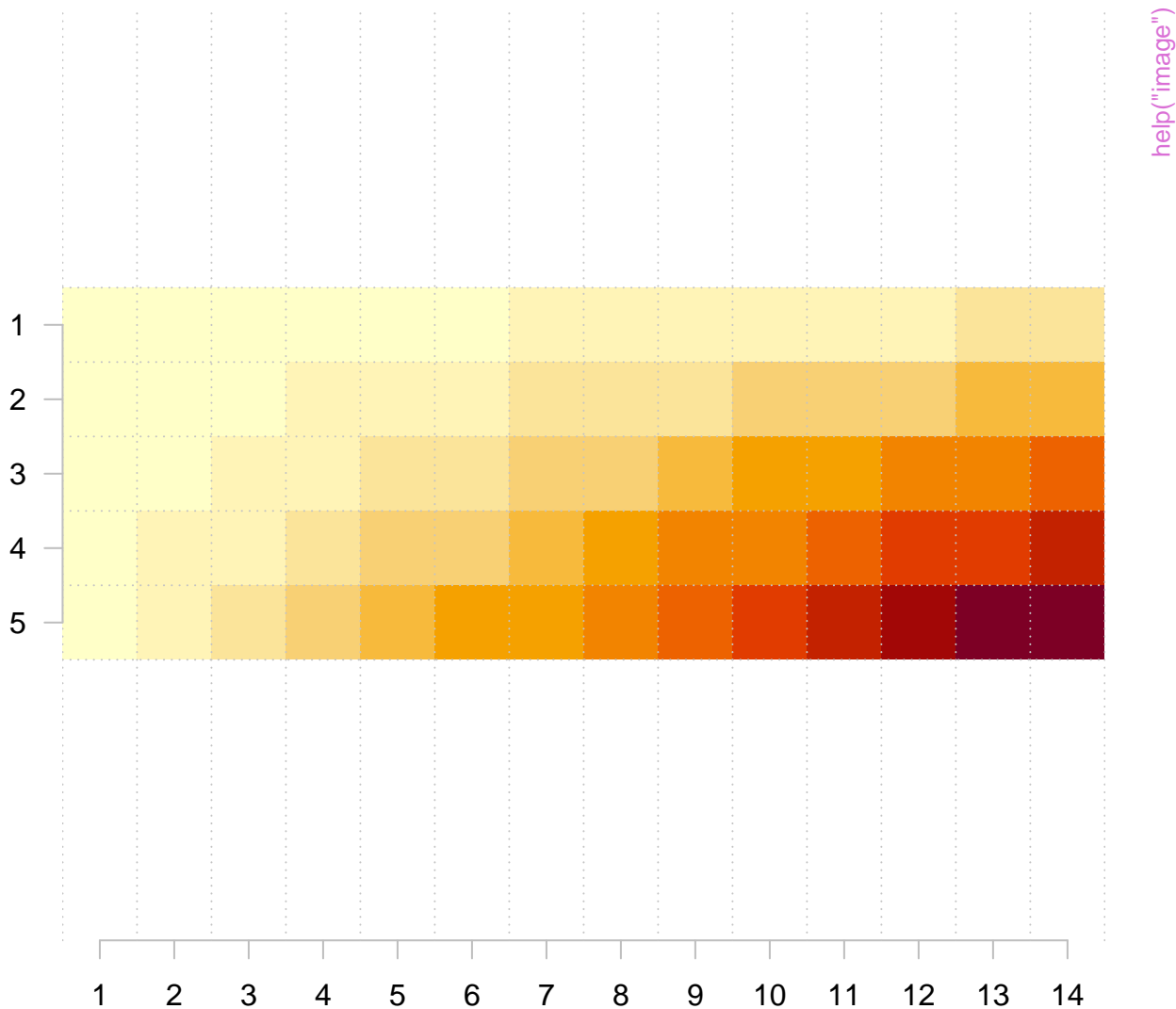
**Math can be beautiful ...**



help("image")

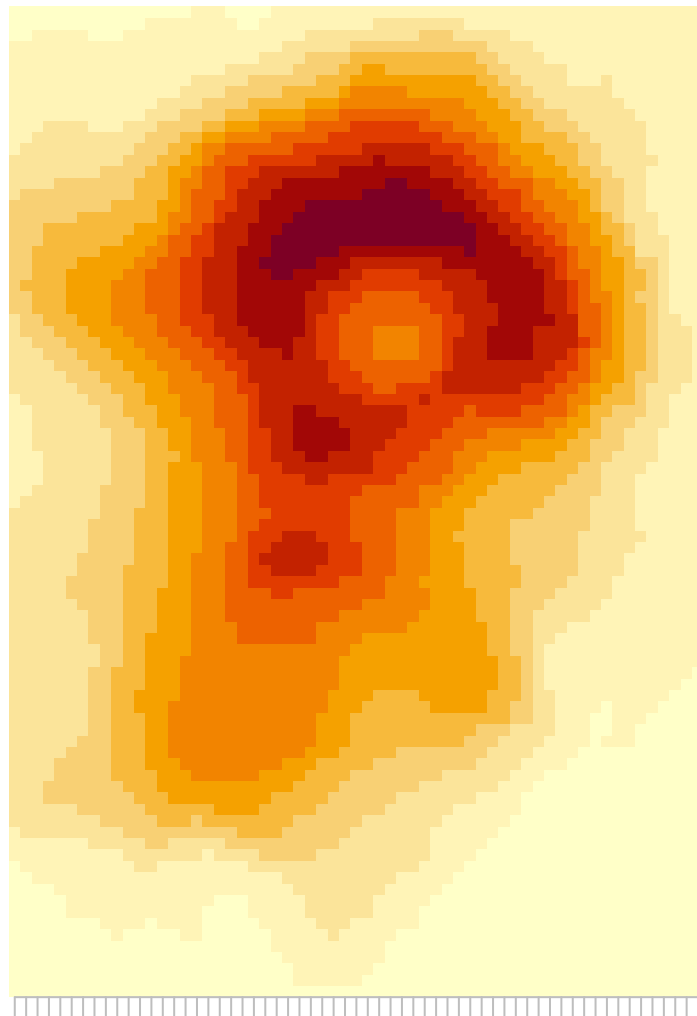
$$\cos(r^2)e^{-r/6}$$

**image(<5 x 14 matrix>) with rows and columns**



help("image")

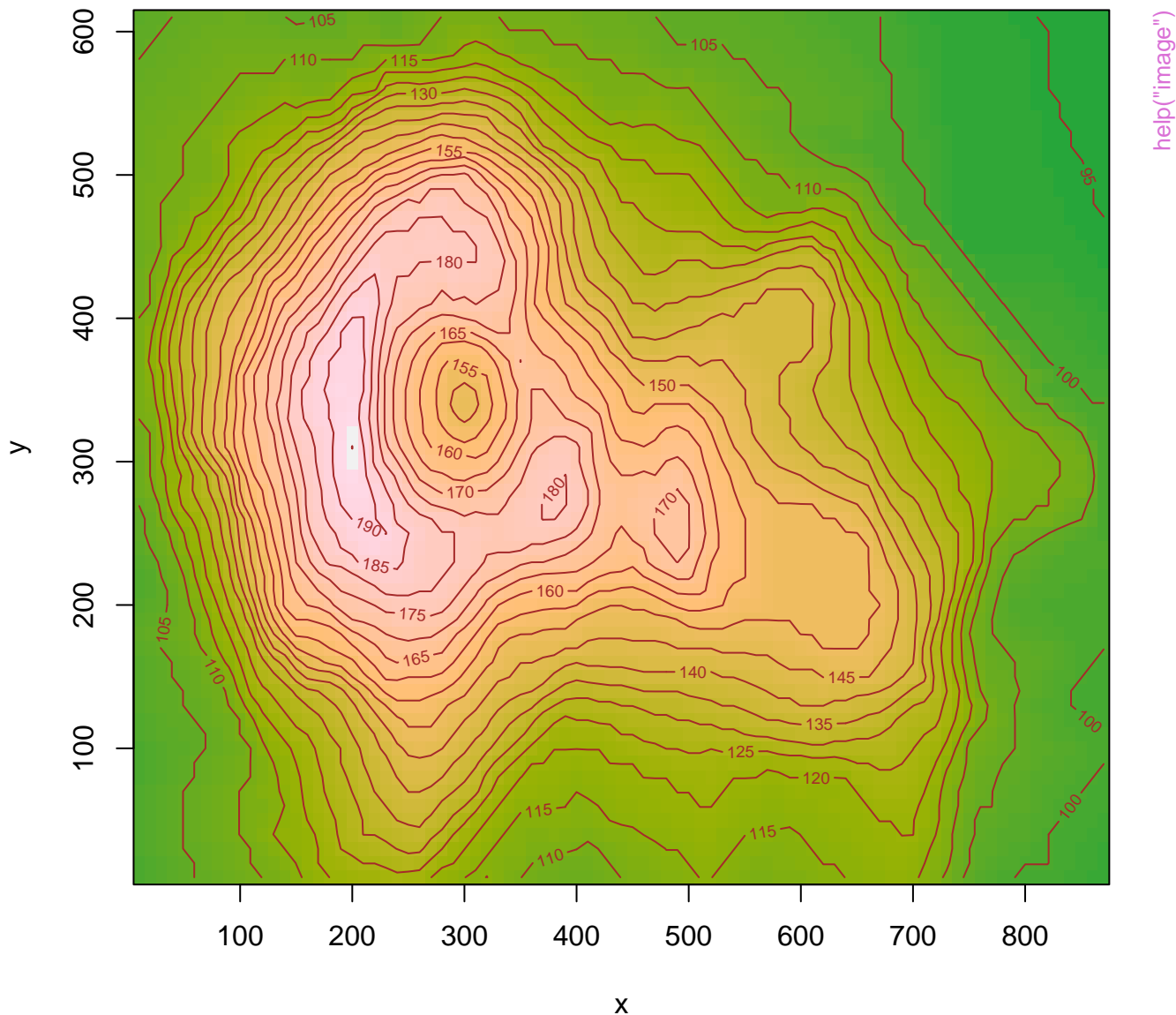
3  
6  
9  
12  
15  
18  
21  
24  
27  
30  
33  
36  
39  
42  
45  
48  
51  
54  
57  
60  
63  
66  
69  
72  
75  
78  
81  
84  
87



1 5 9 14 20 26 32 38 44 50 56

help("image")

# Maunga Whau Volcano



1

2

1

2

1

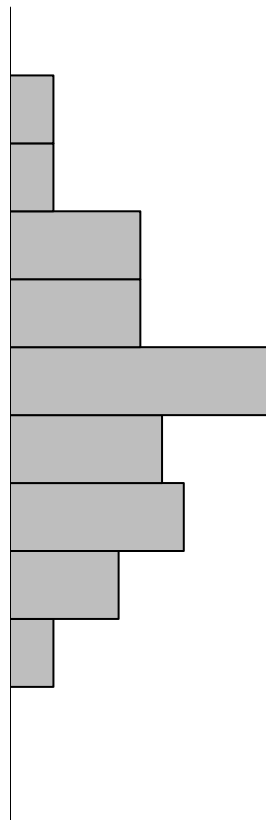
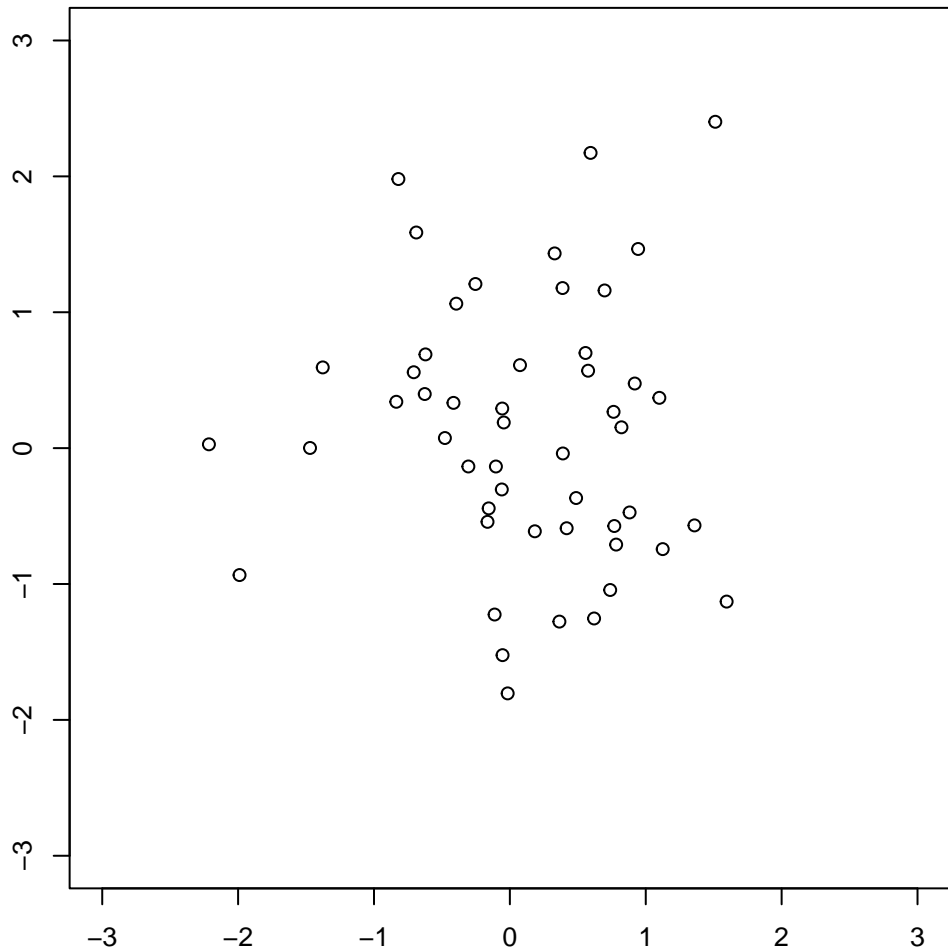
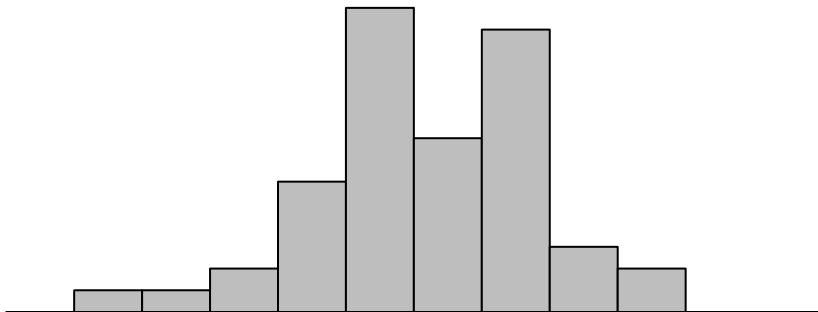
help("layout")

2

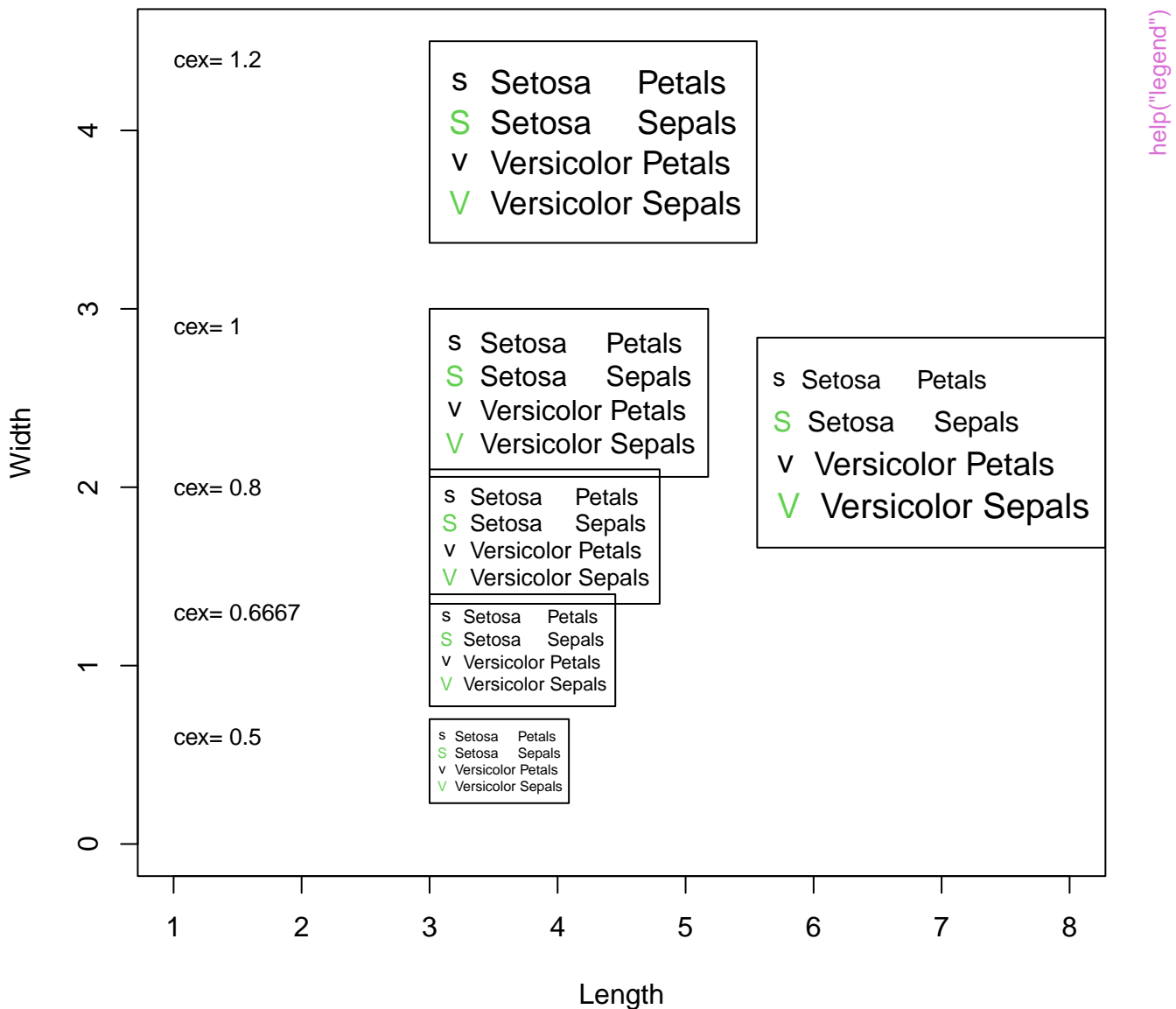
1

3

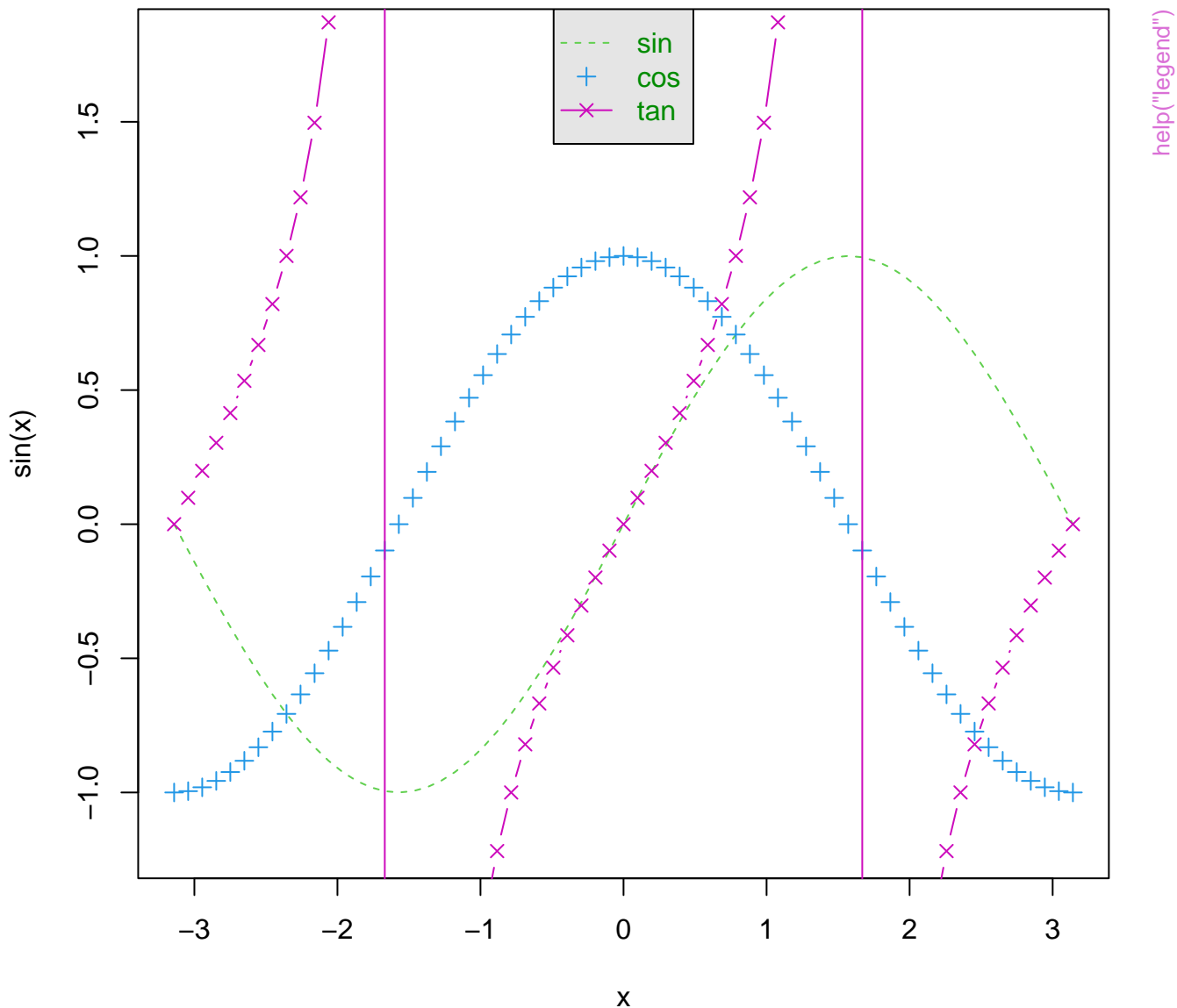




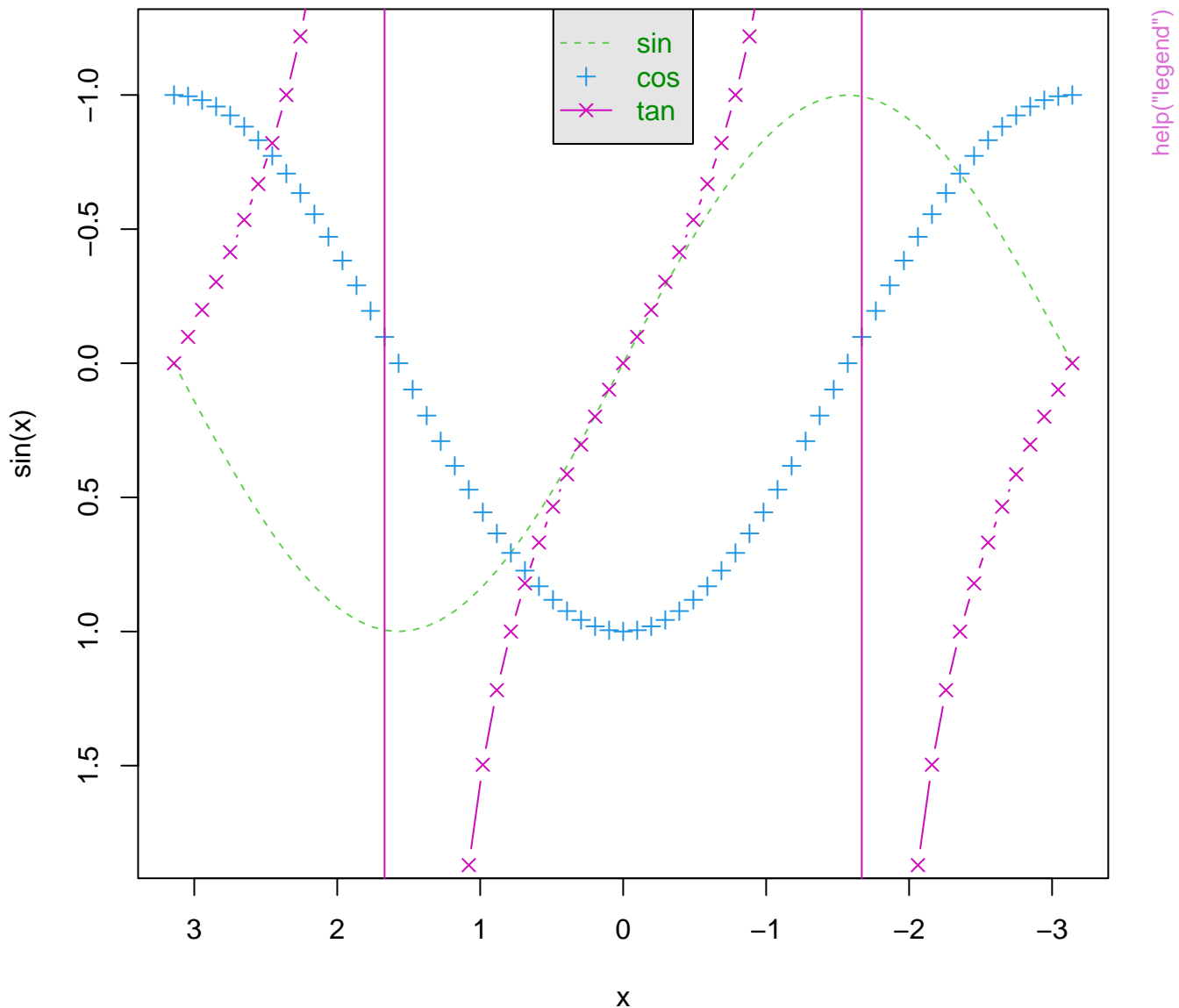
# Petal and Sepal Dimensions in Iris Blossoms

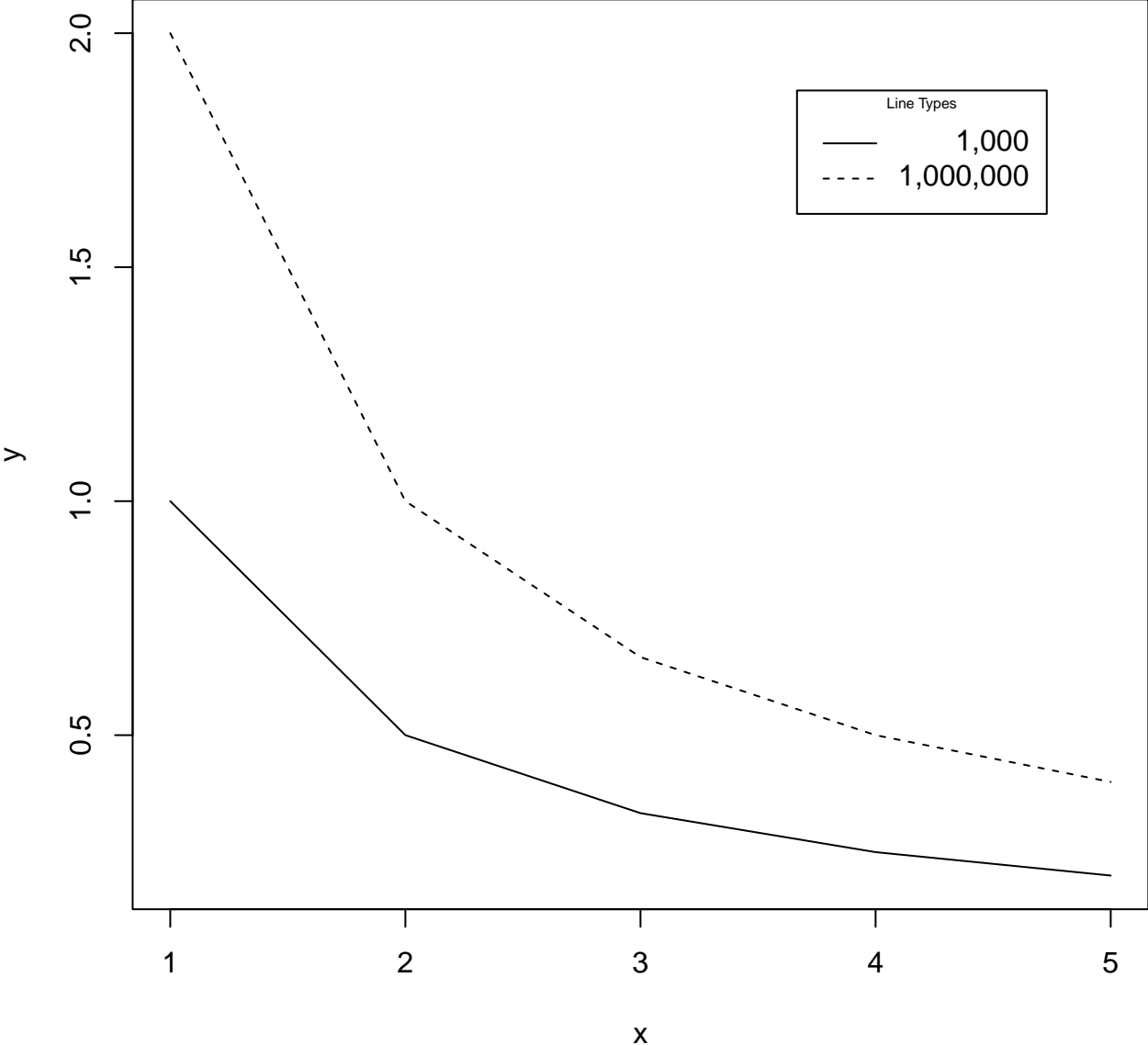


`legend('top', lty = c(2, -1, 1), pch = c(NA, 3, 4), merge = TRUE)`

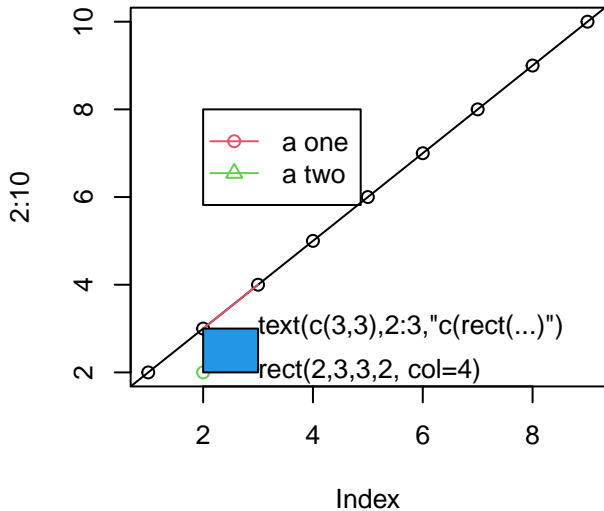


`legend('top', lty = c(2, -1, 1), pch = c(NA, 3, 4), merge = TRUE)`

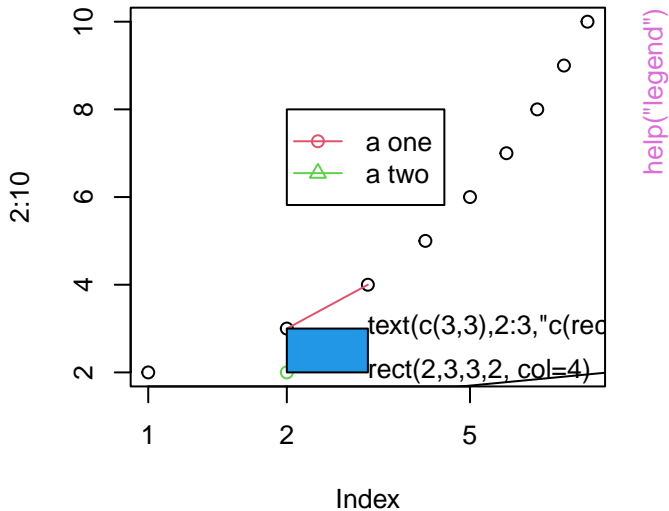




log = ""

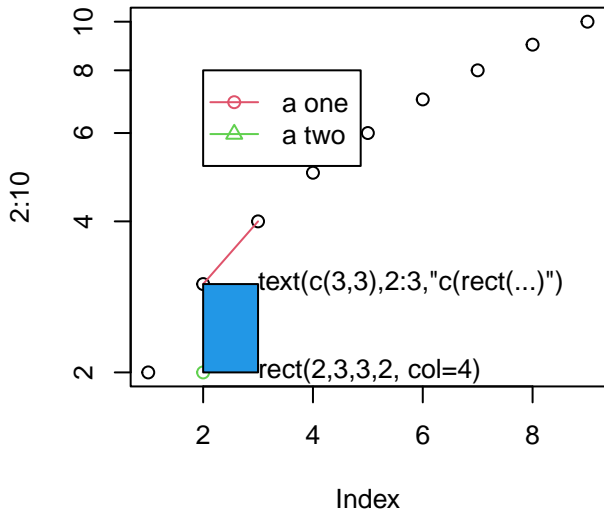


log = 'x'

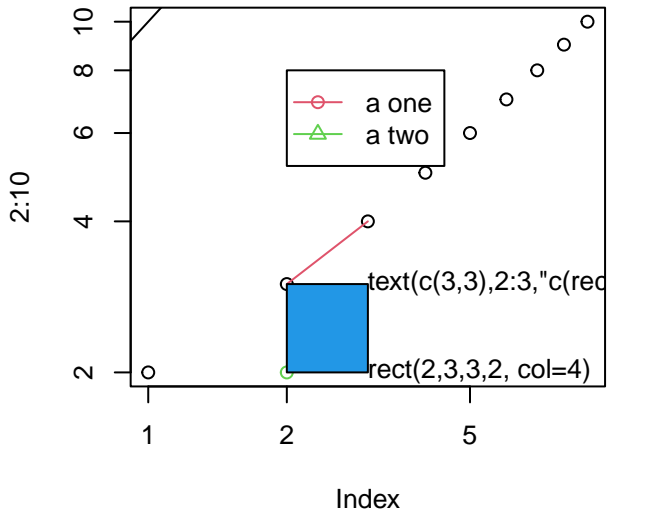


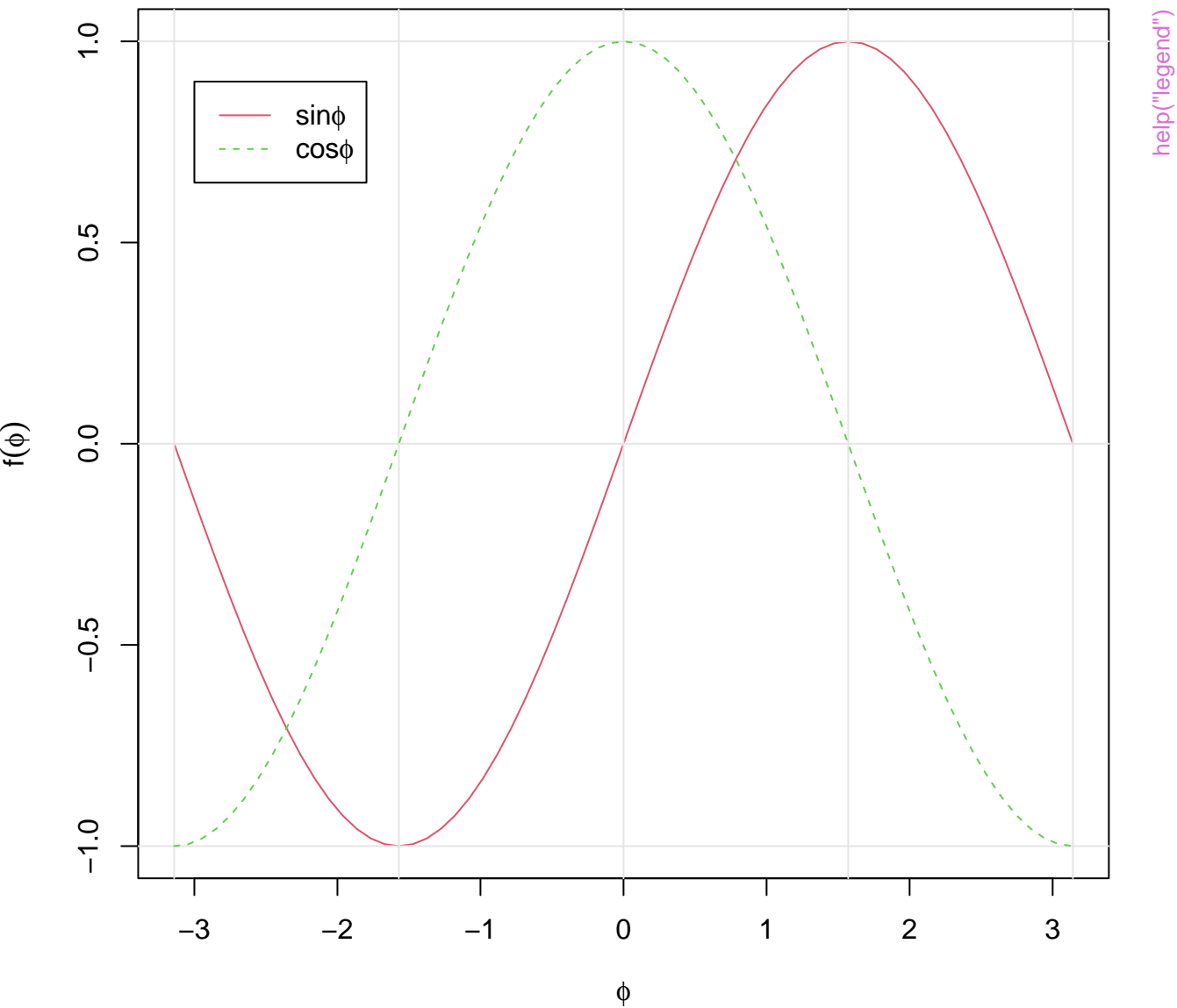
help("legend")

log = 'y'

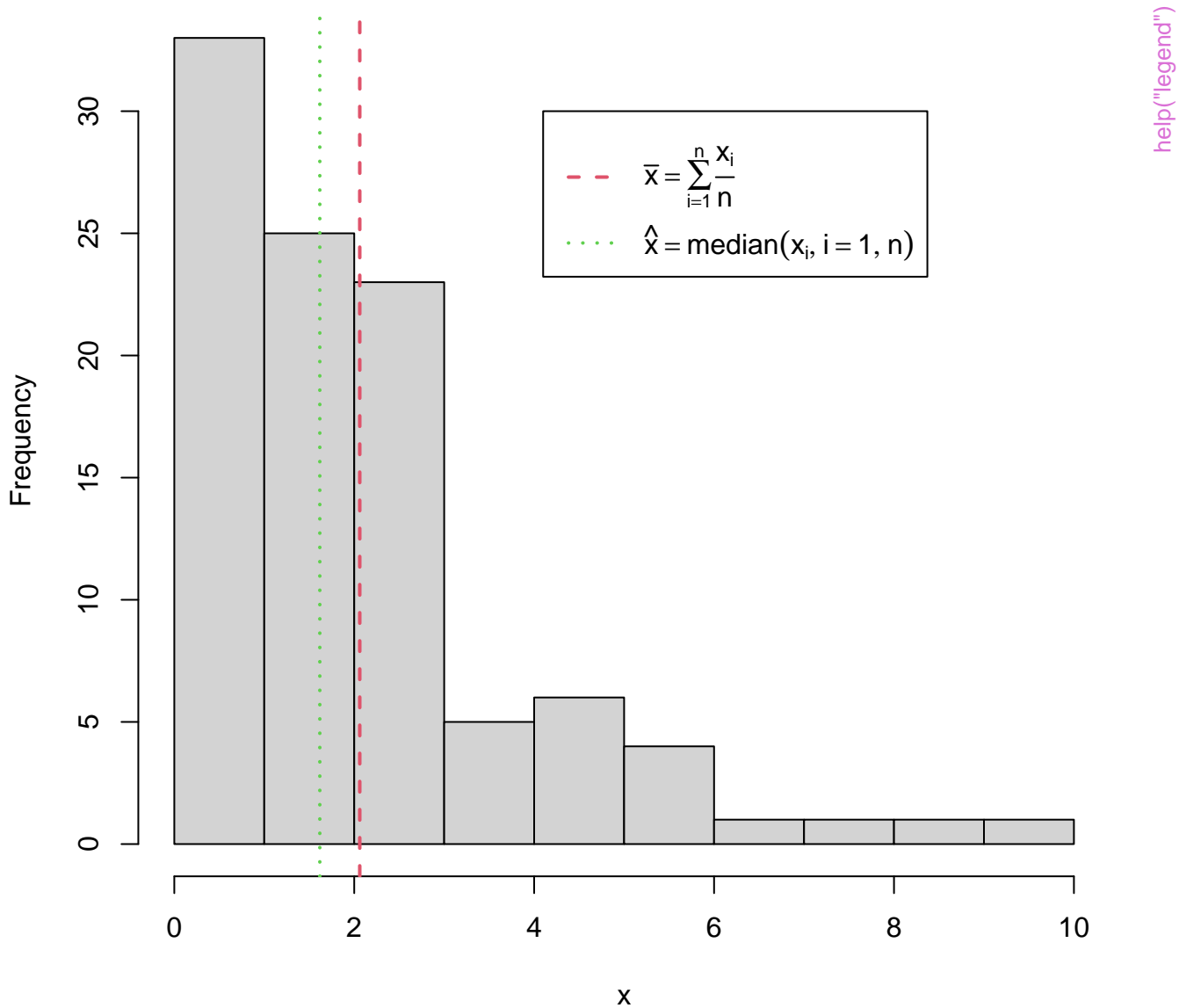


log = 'xy'

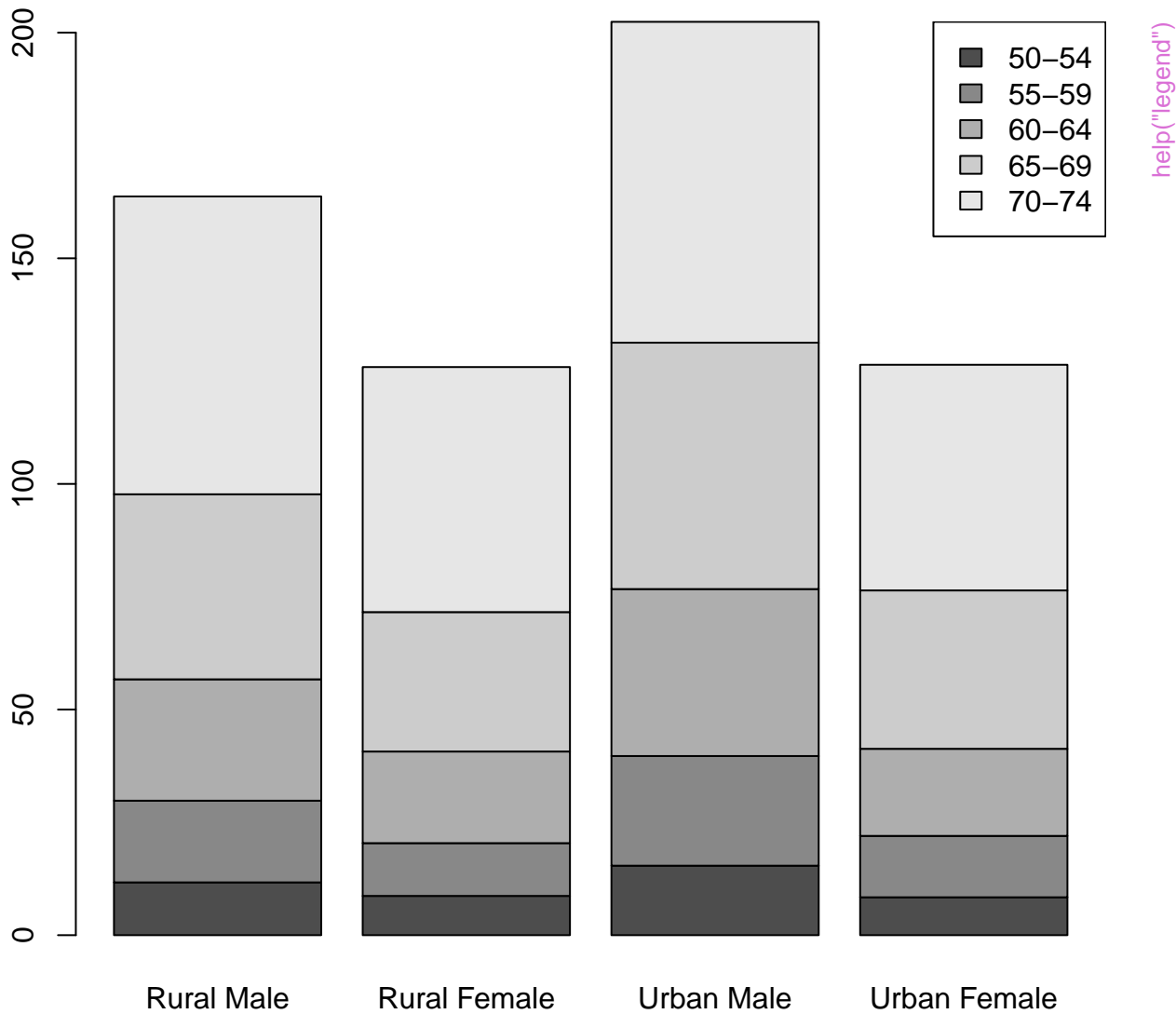


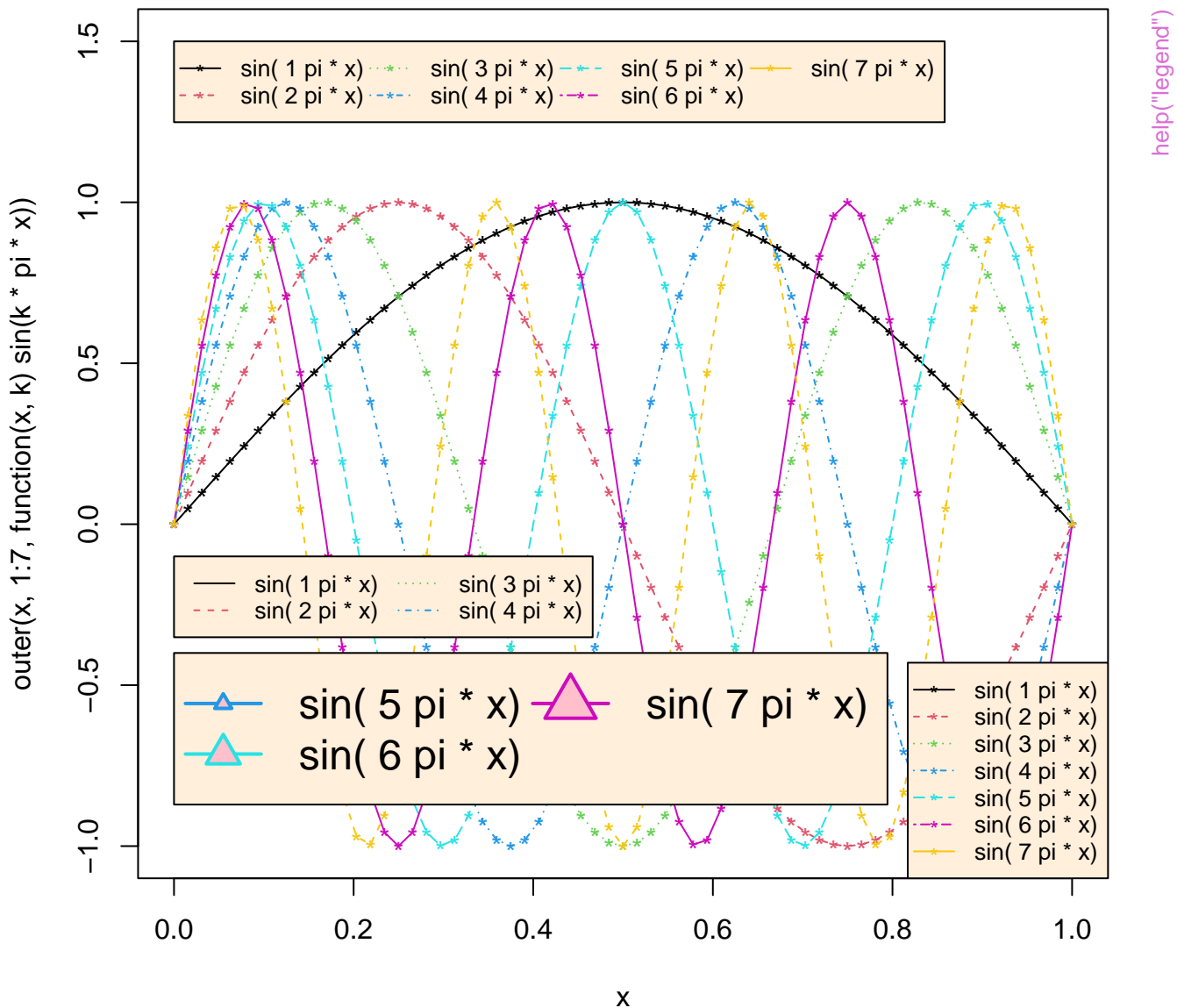


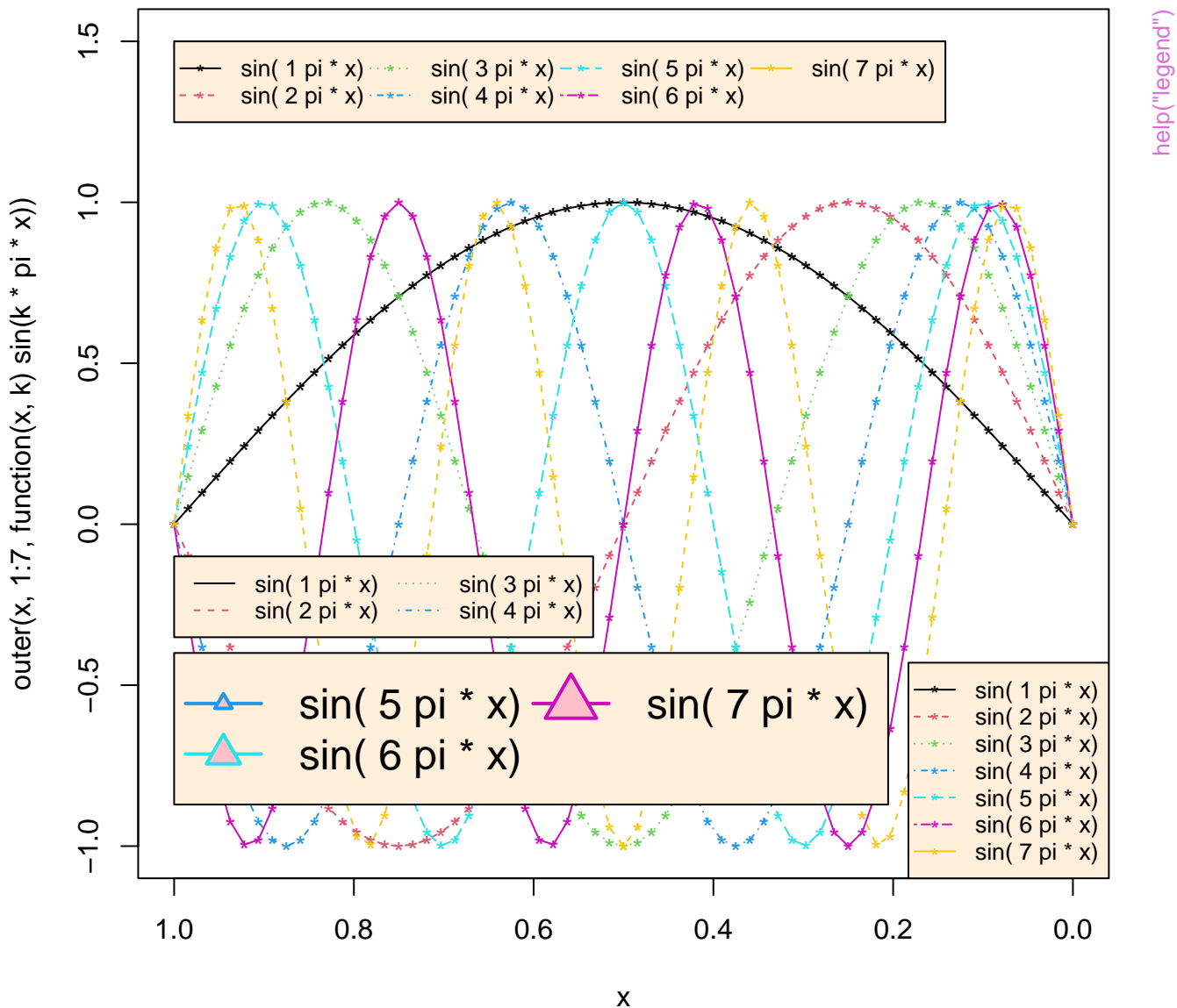
# Mean and Median of a Skewed Distribution



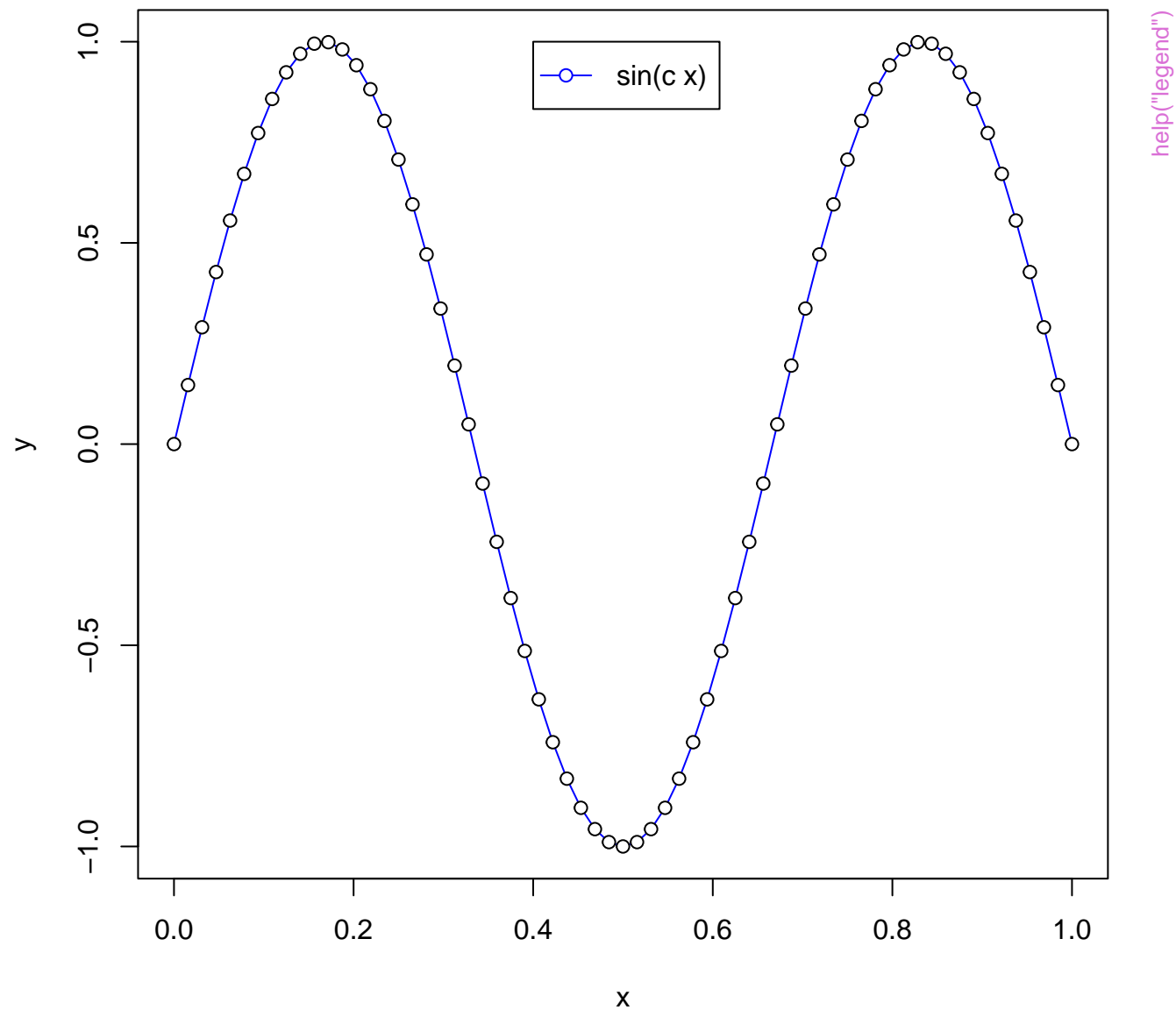


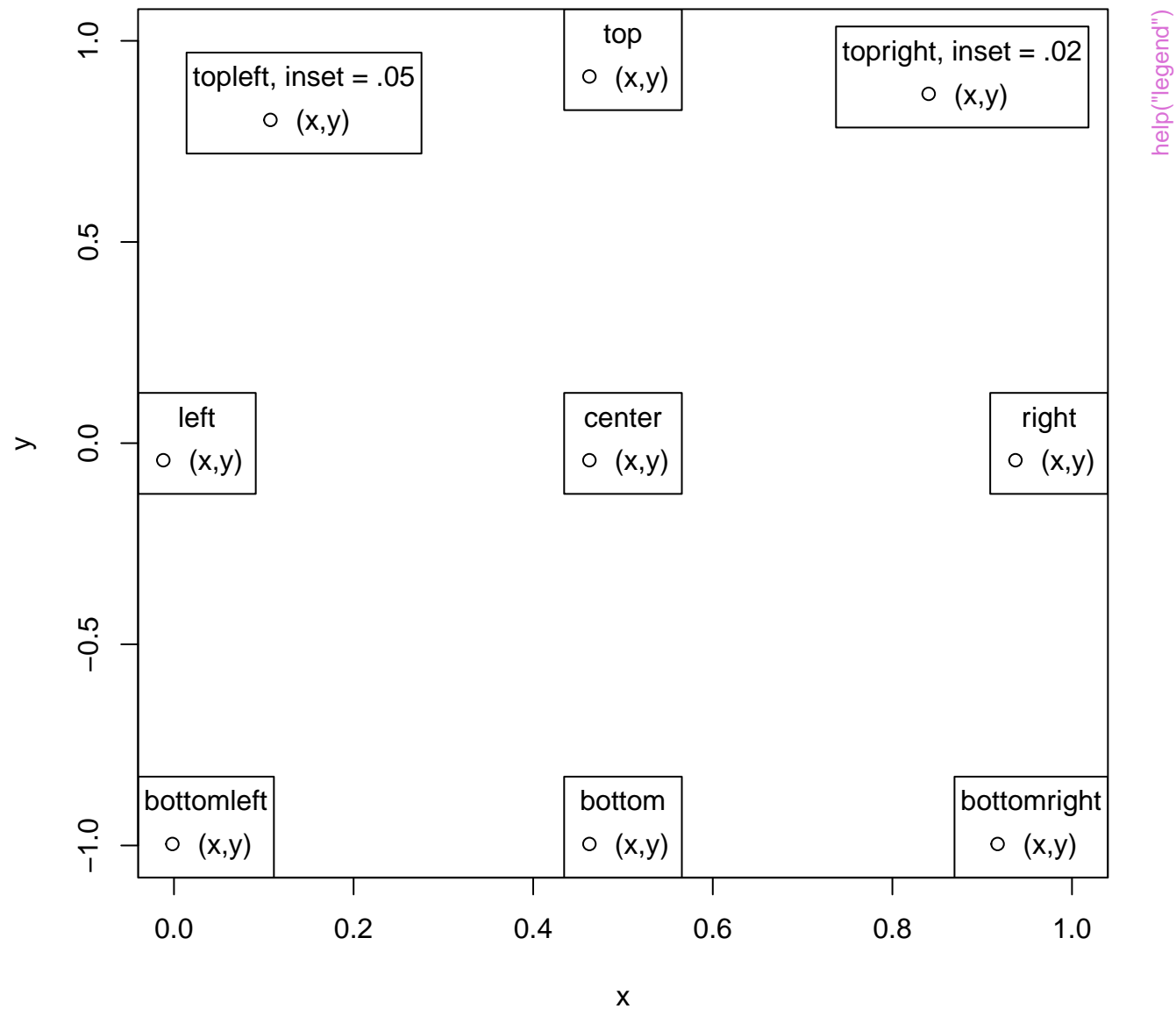






points with bg & legend(\*, pt.bg)





text.font = 1

|    |   |    |   |
|----|---|----|---|
| —— | A | —— | D |
| —— | B | —— | E |
| —— | C | —— | F |

text.font = 2

|    |   |    |   |
|----|---|----|---|
| —— | A | —— | D |
| —— | B | —— | E |
| —— | C | —— | F |

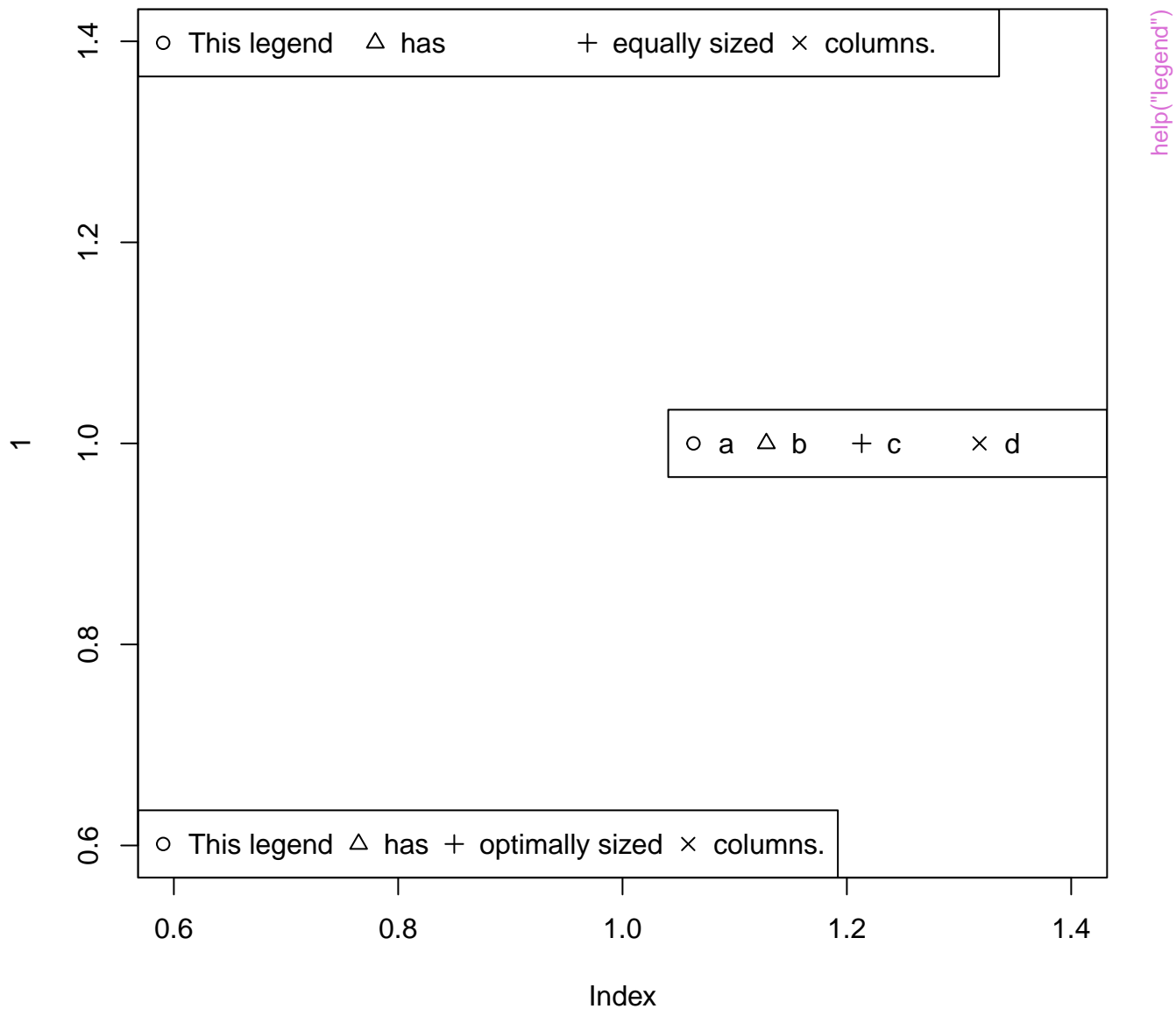
text.font = 3

|    |          |    |          |
|----|----------|----|----------|
| —— | <i>A</i> | —— | <i>D</i> |
| —— | <i>B</i> | —— | <i>E</i> |
| —— | <i>C</i> | —— | <i>F</i> |

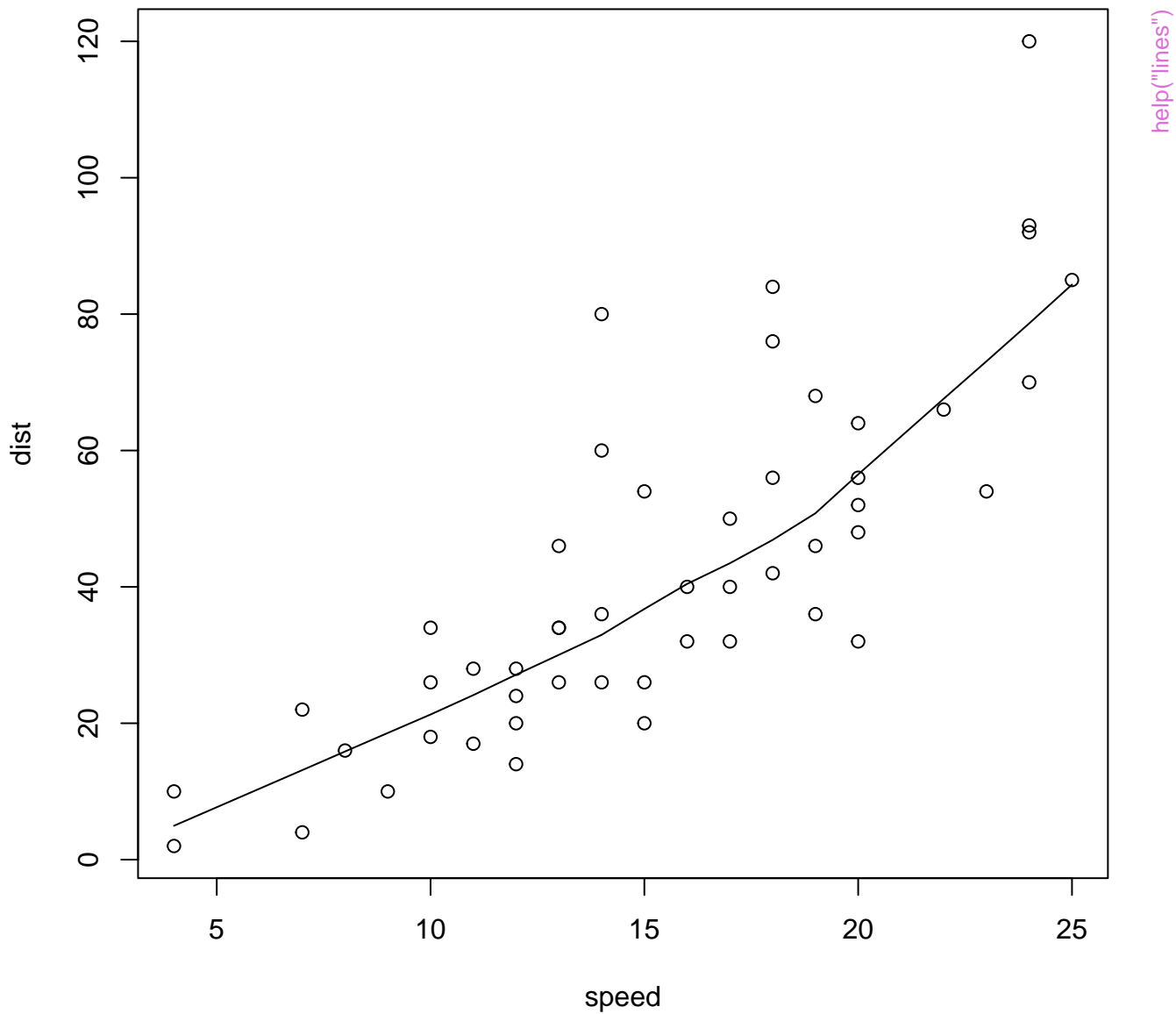
text.font = 4

|    |          |    |          |
|----|----------|----|----------|
| —— | <b>A</b> | —— | <b>D</b> |
| —— | <b>B</b> | —— | <b>E</b> |
| —— | <b>C</b> | —— | <b>F</b> |

help("legend")

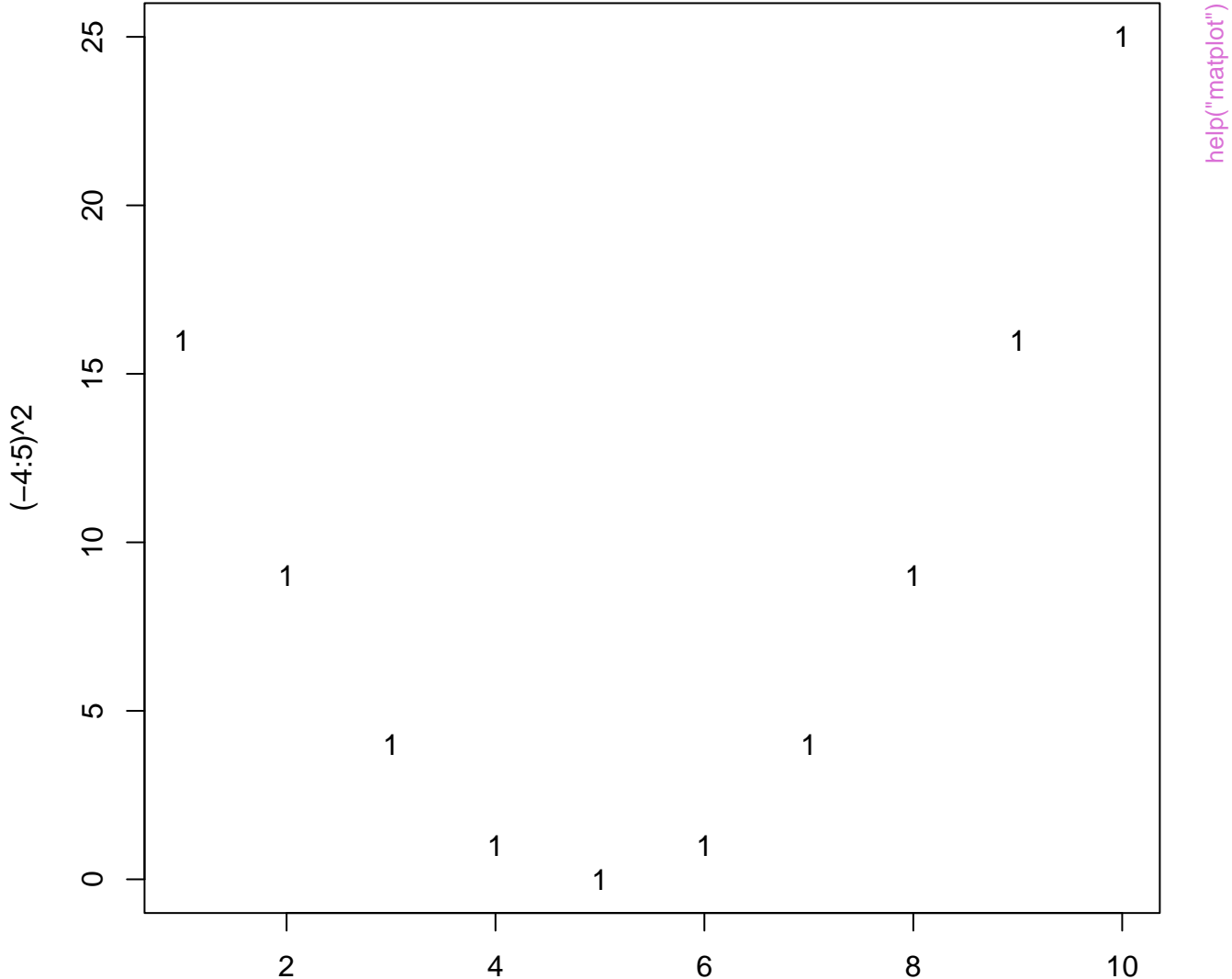


# Stopping Distance versus Speed

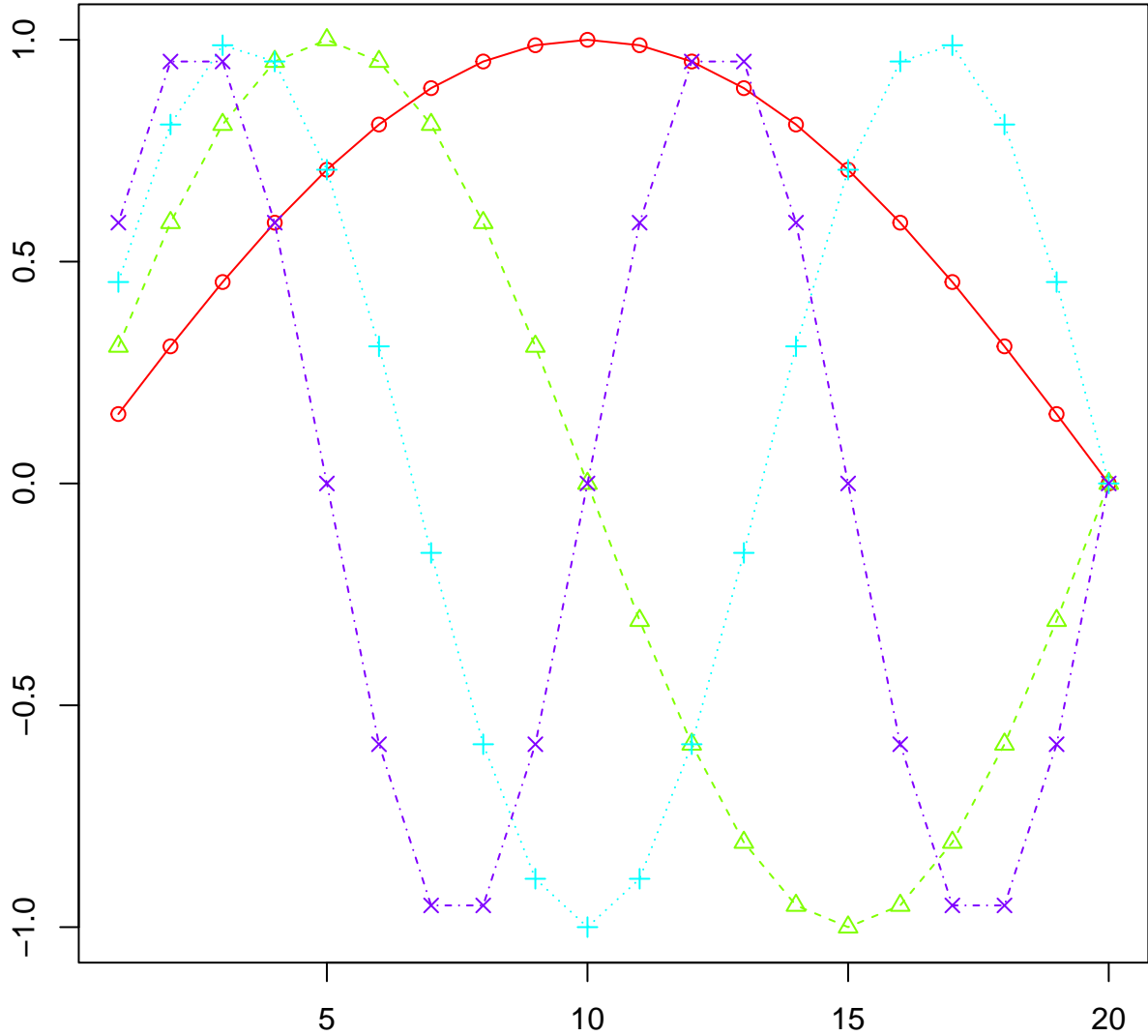




Quadratic

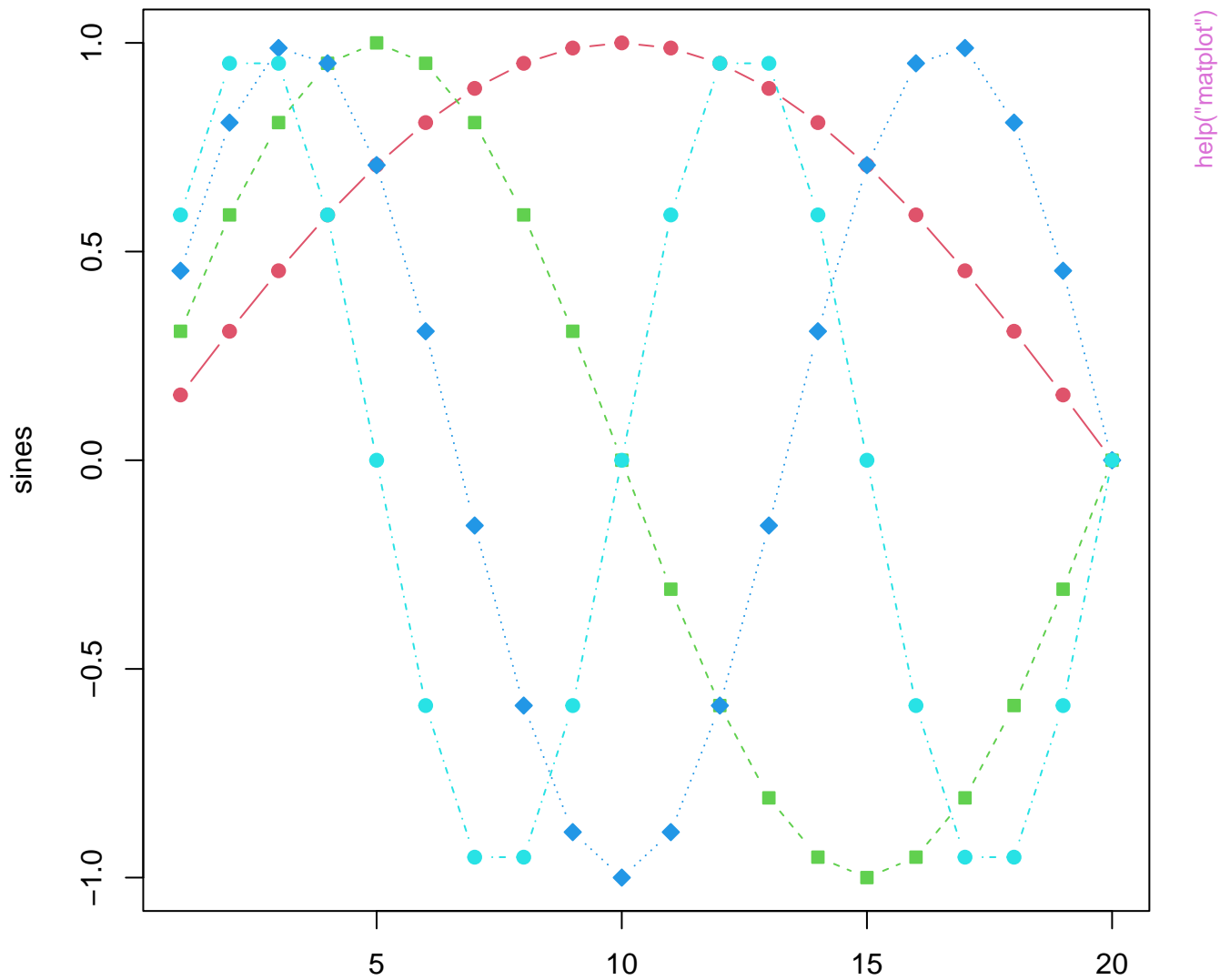


sines



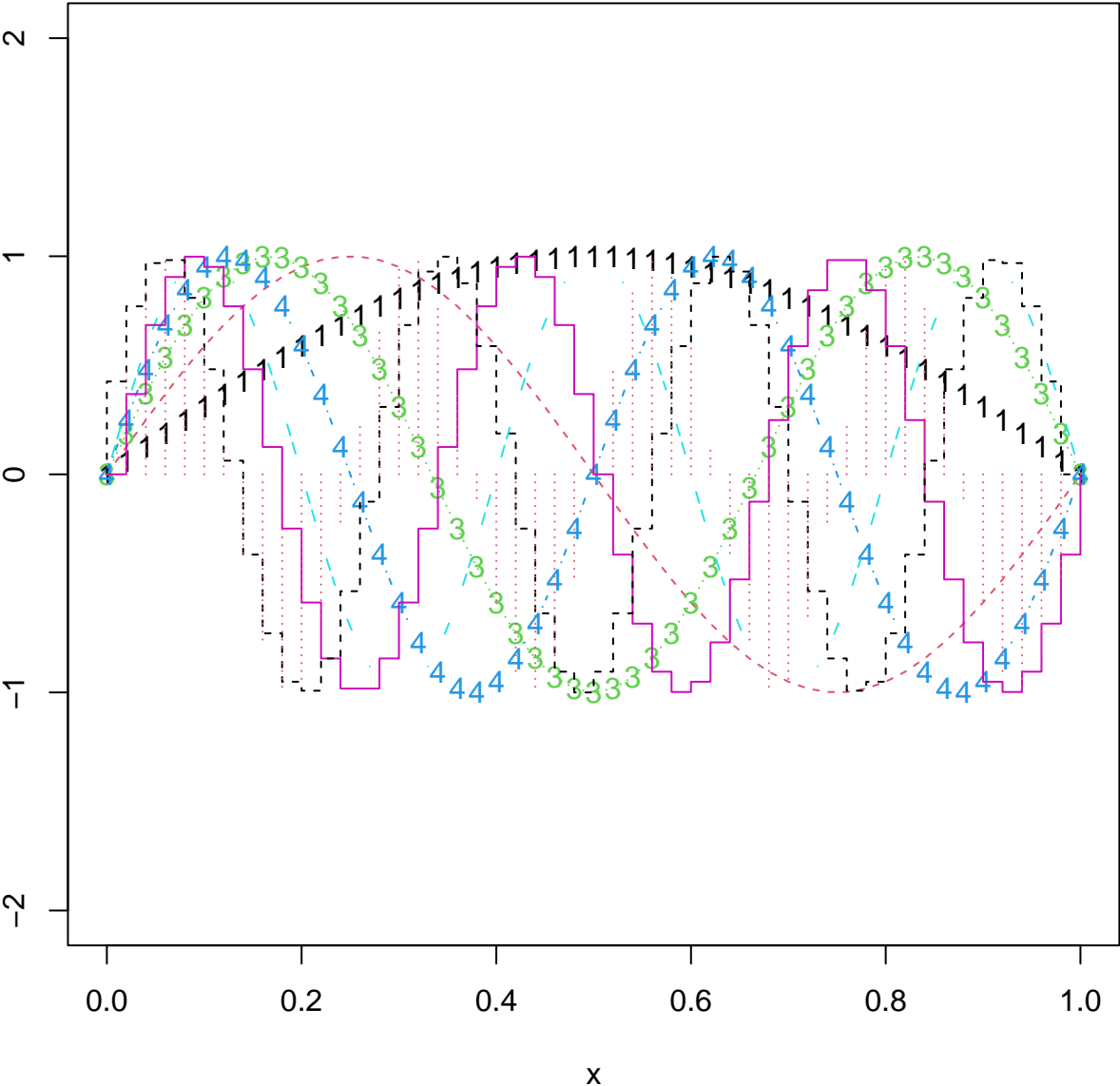
help("matplotlib")

**matplot(...., pch = 21:23, bg = 2:5)**

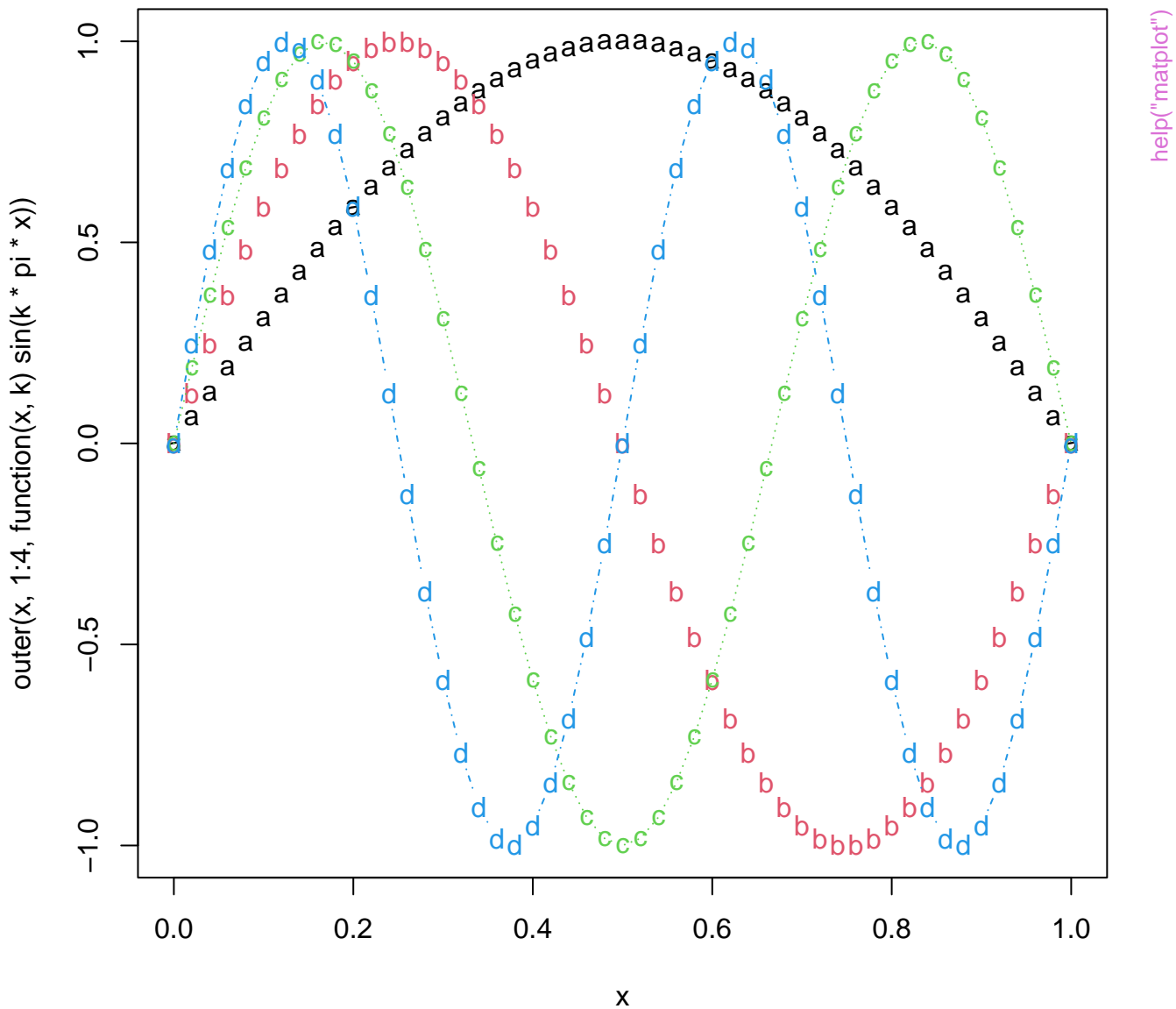


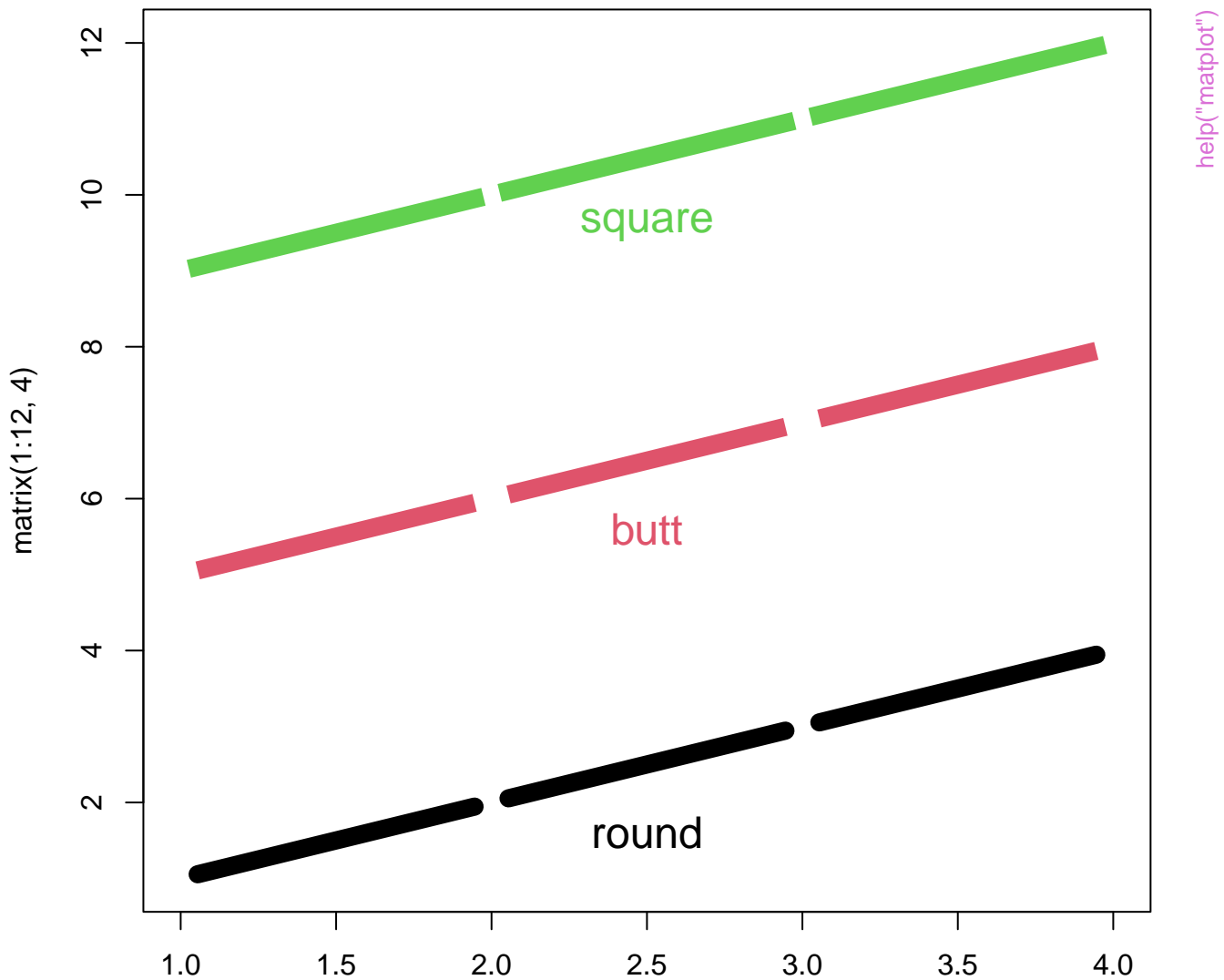
matplot(type = "plobcsSh" )

outer(x, 1:8, function(x, k) sin(k \* pi \* x))



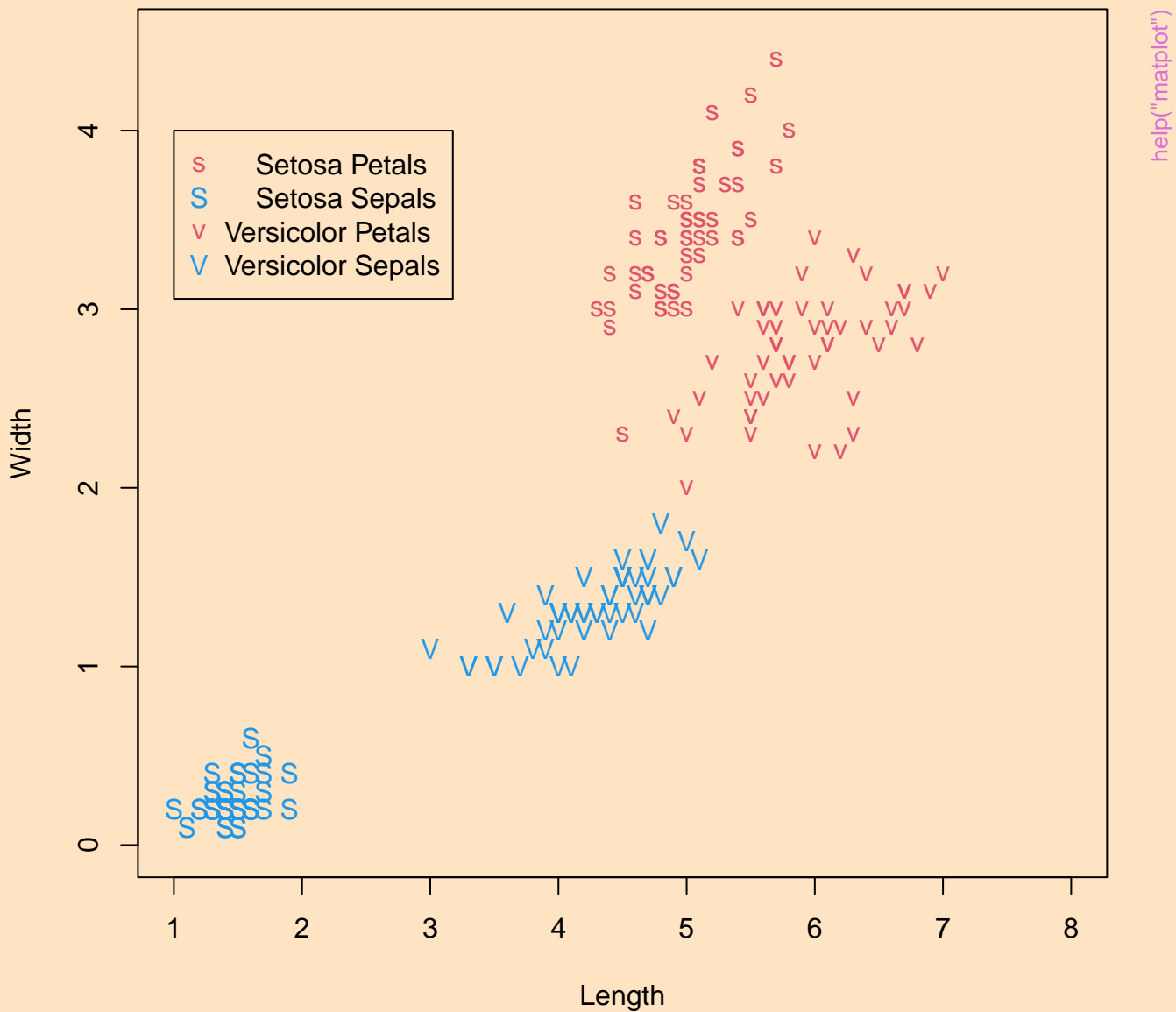
help("matplot")



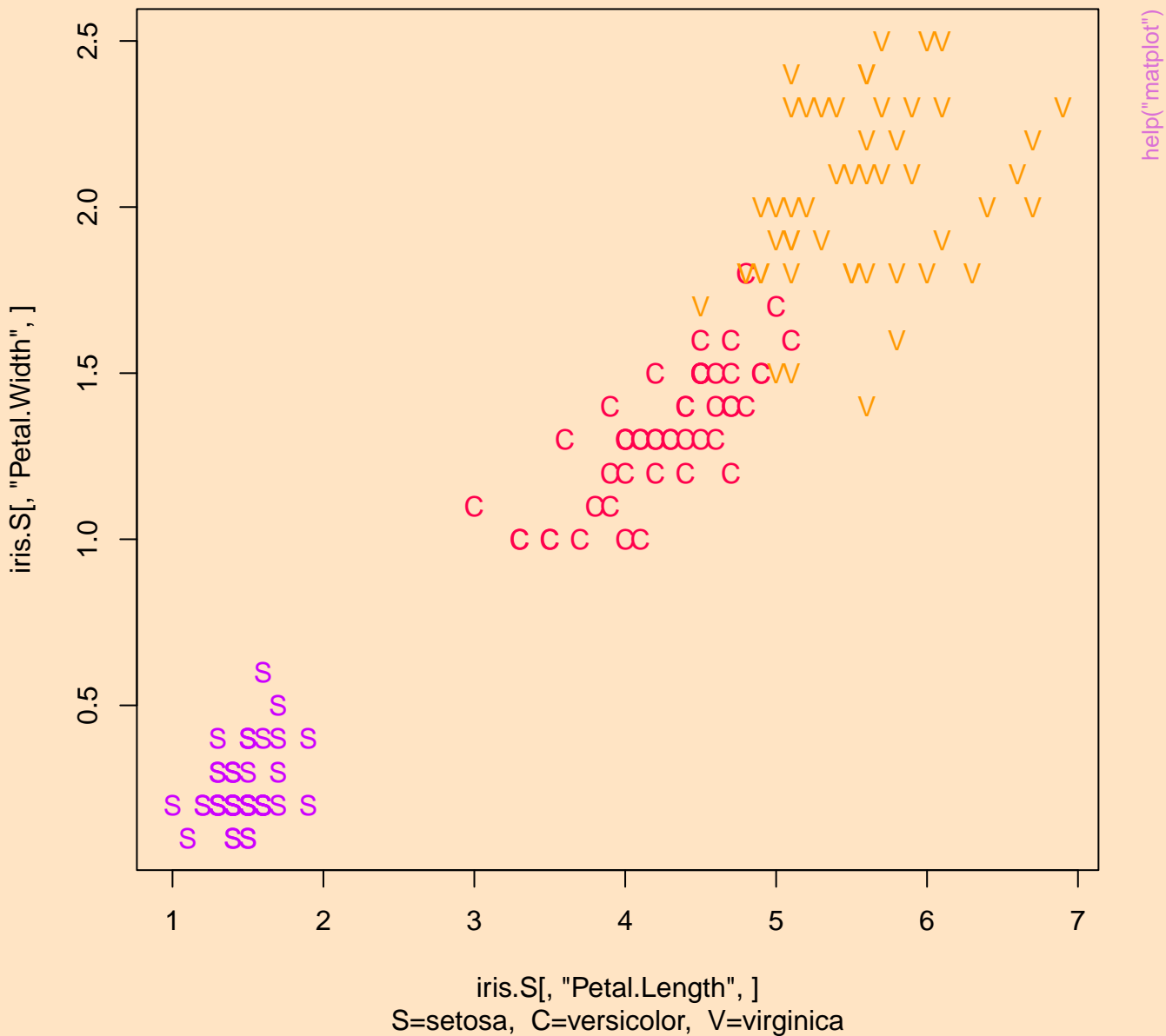


`help("matplot")`

# Petal and Sepal Dimensions in Iris Blossoms

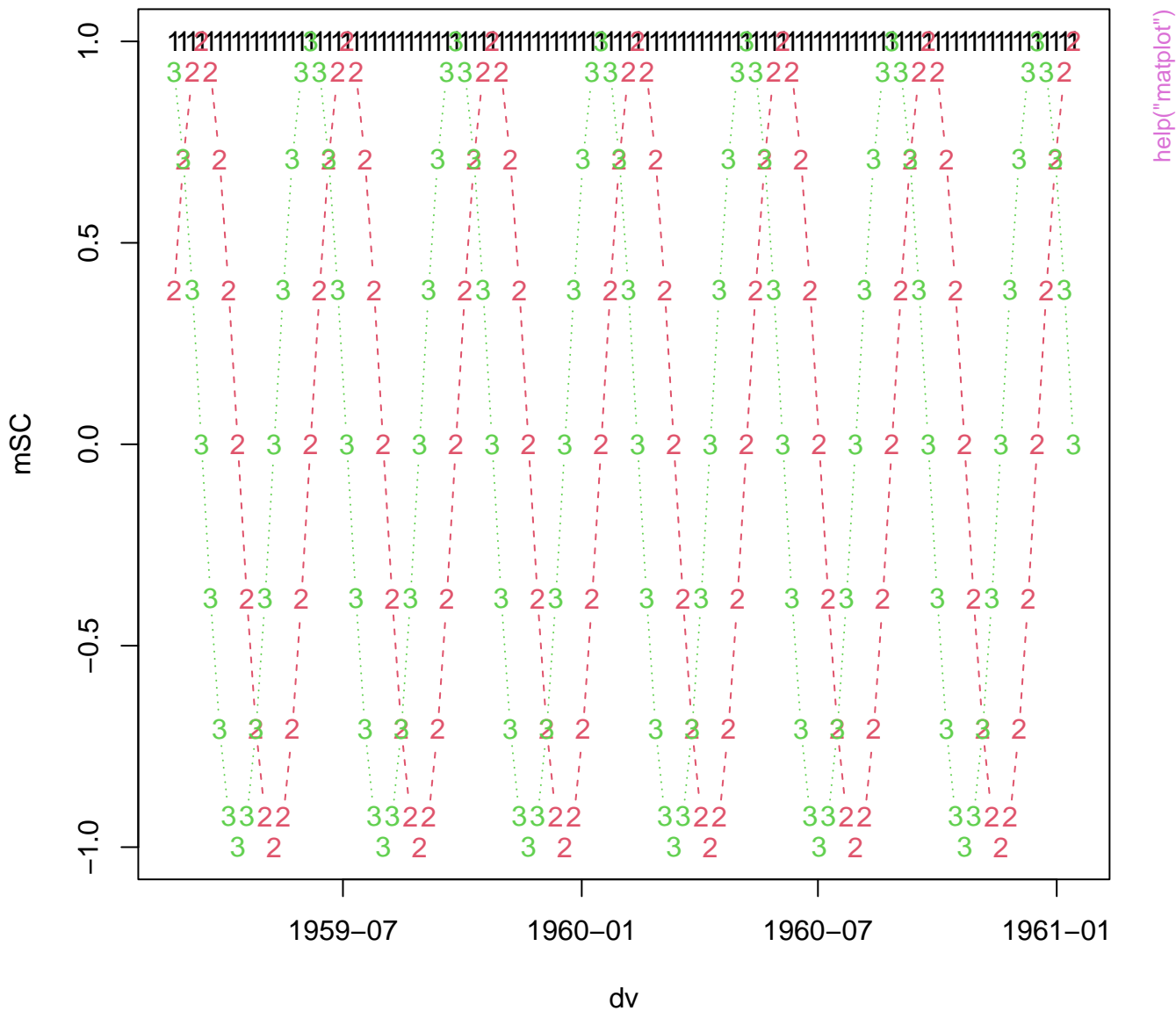


# Fisher's Iris Data

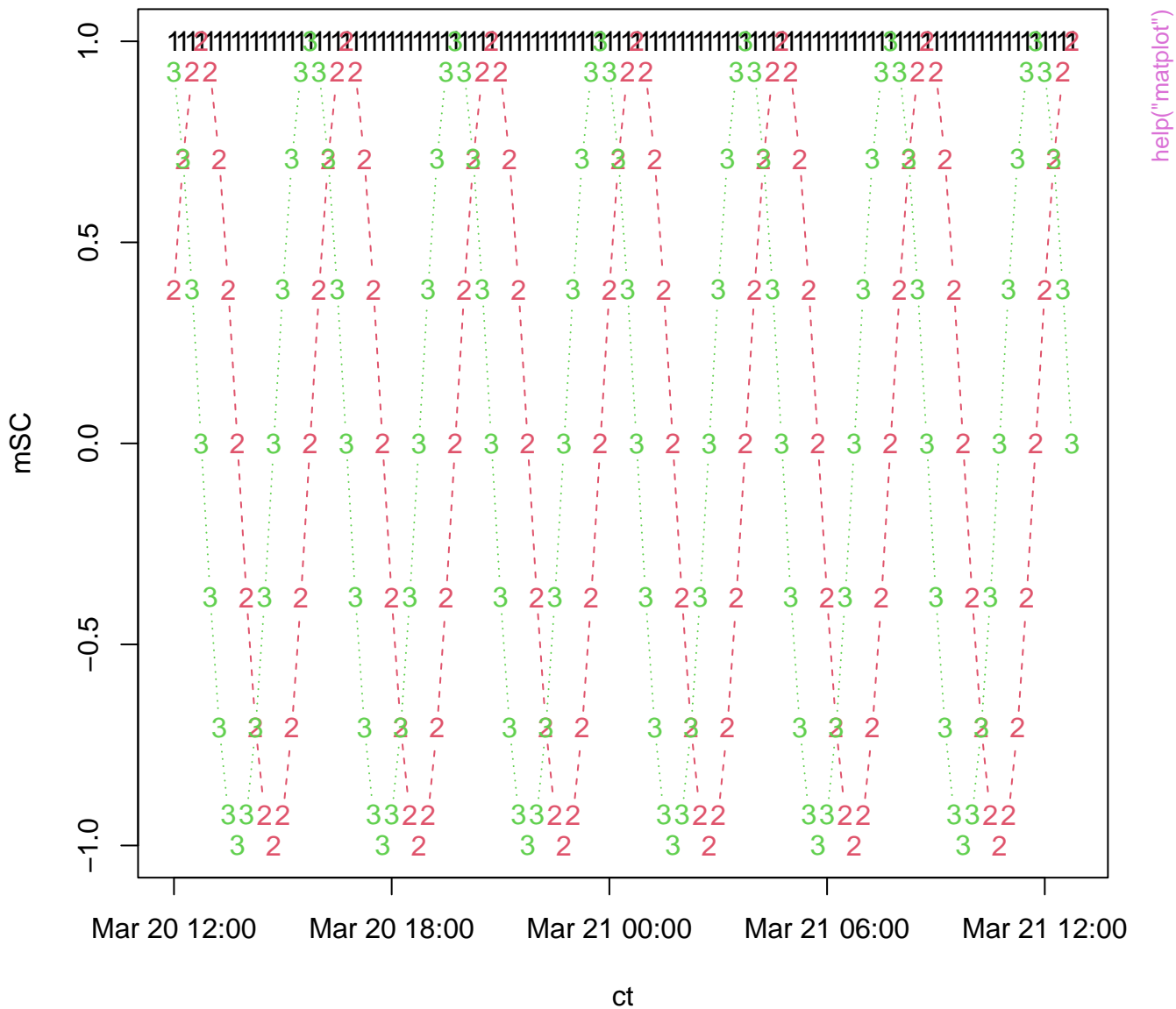




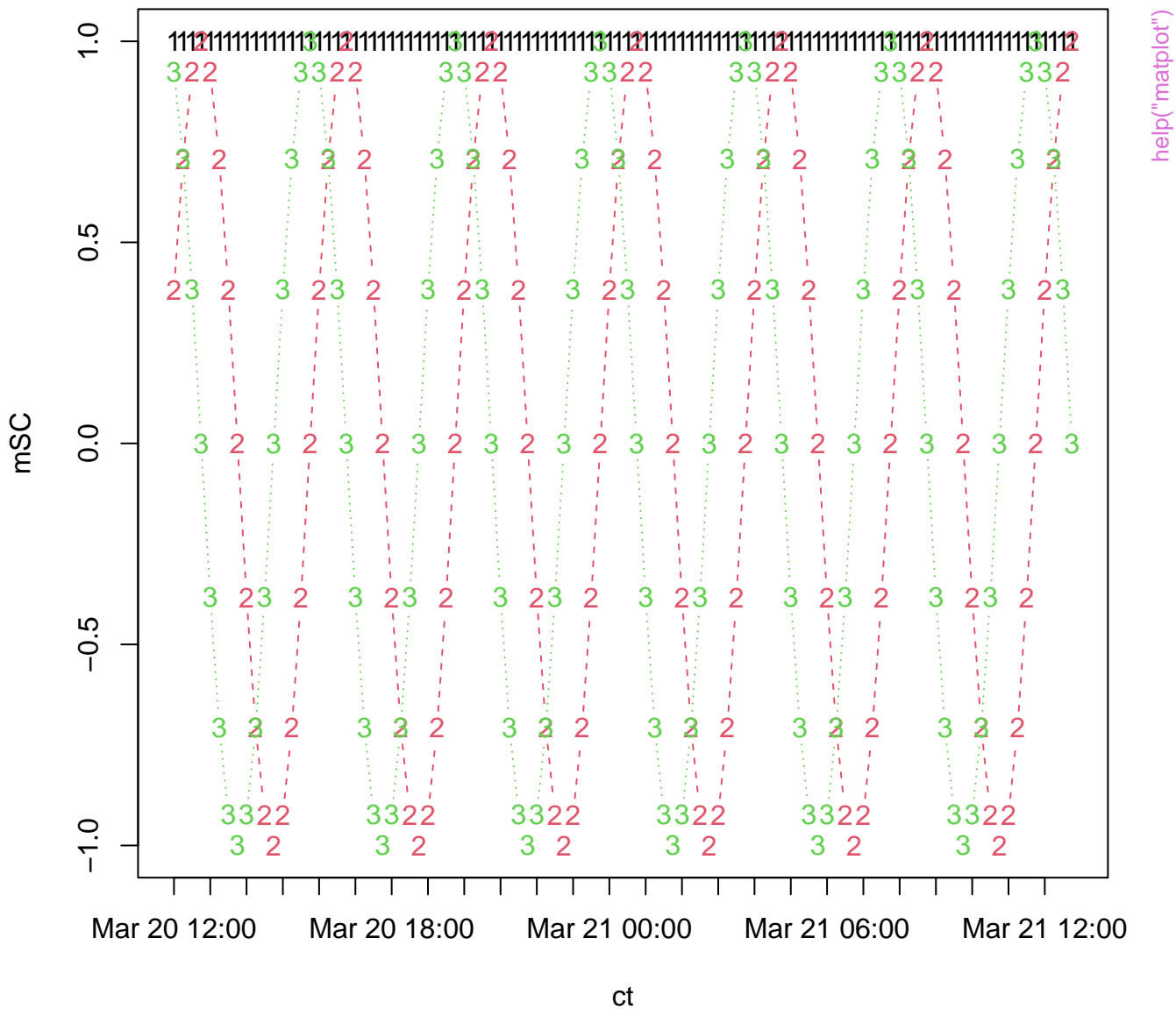
matplot(<Date>, y)



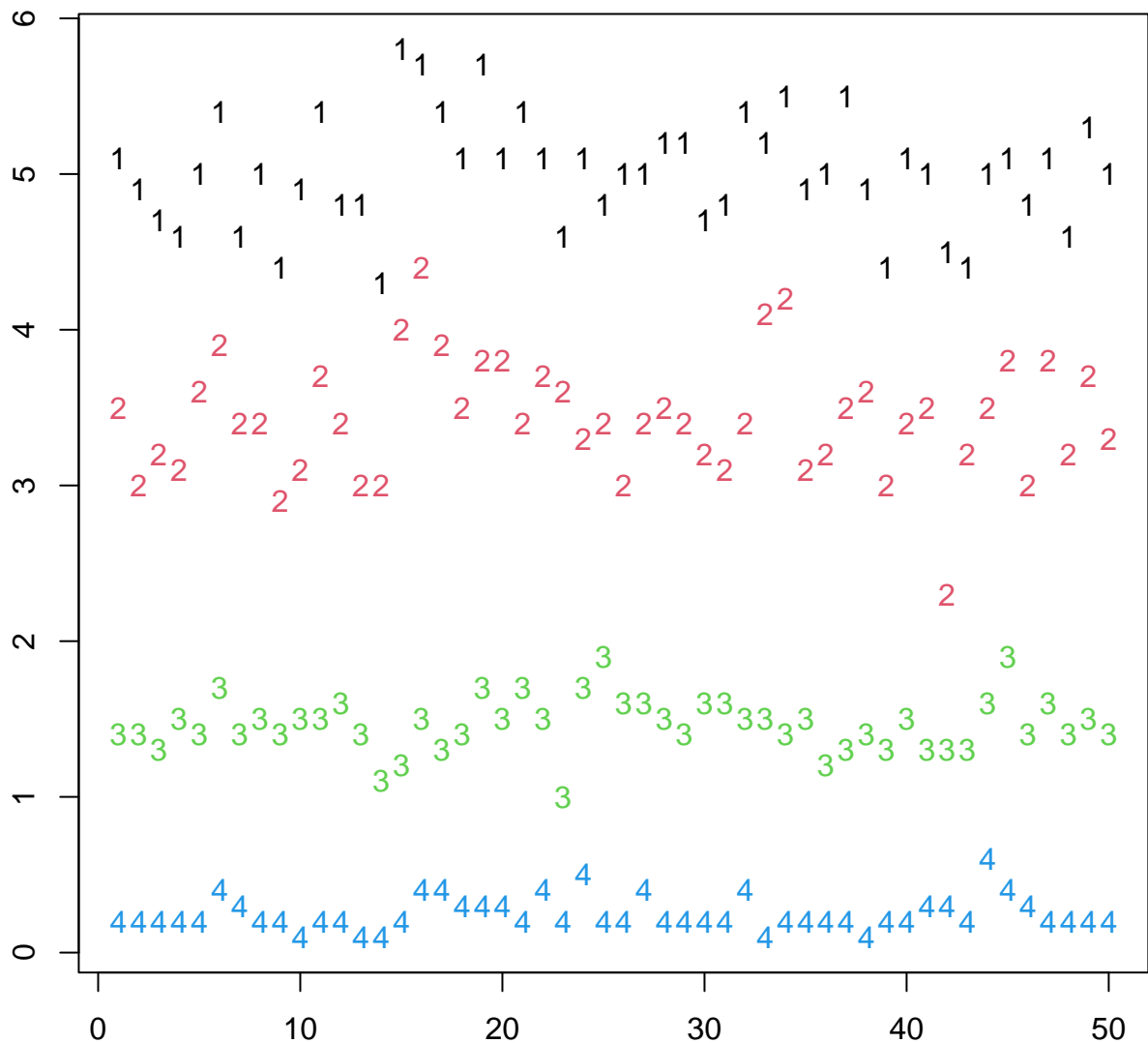
matplot(<POSIXct>, y)



matplot(<POSIXct>, y)

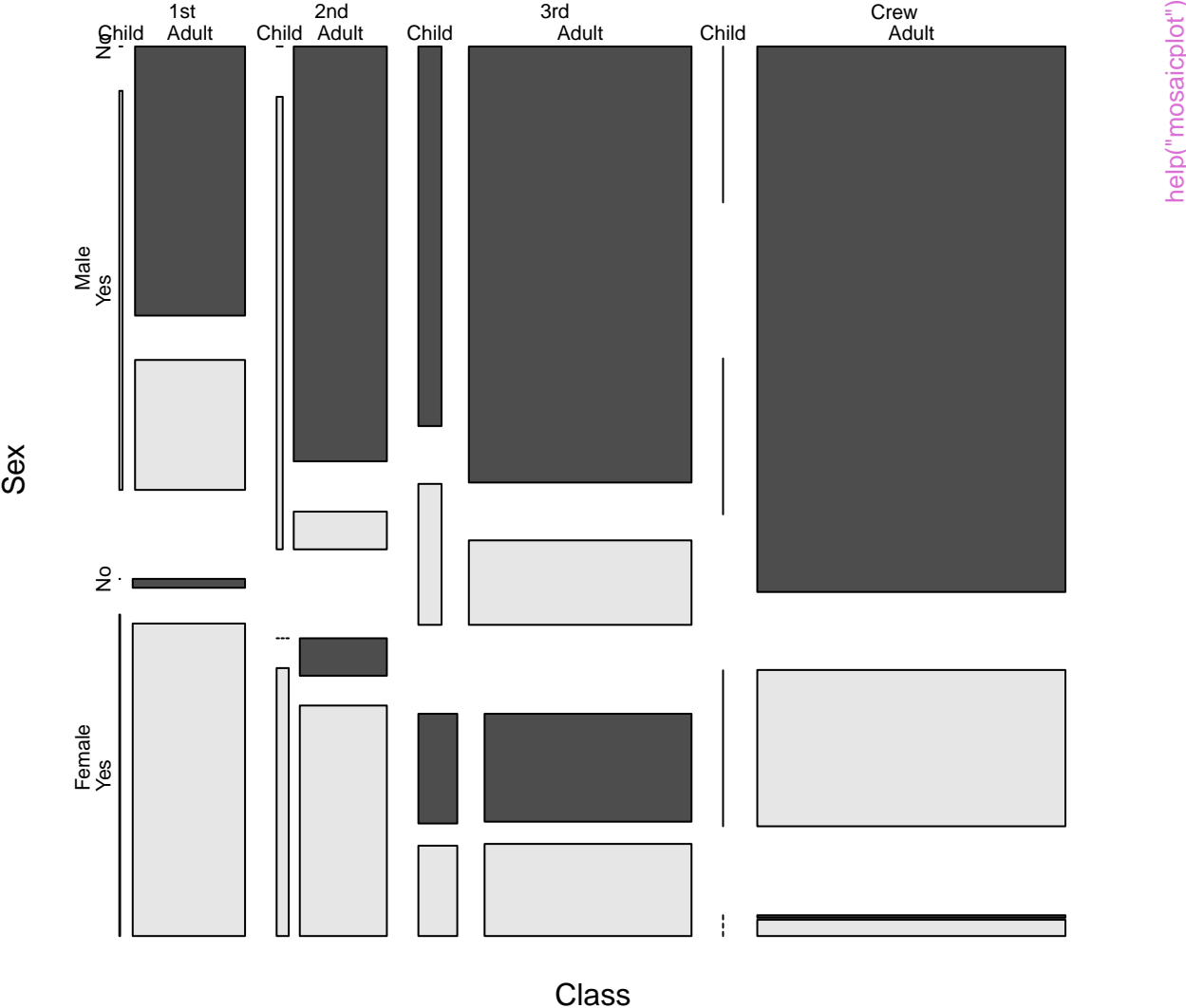


iris[1:50, 1:4]

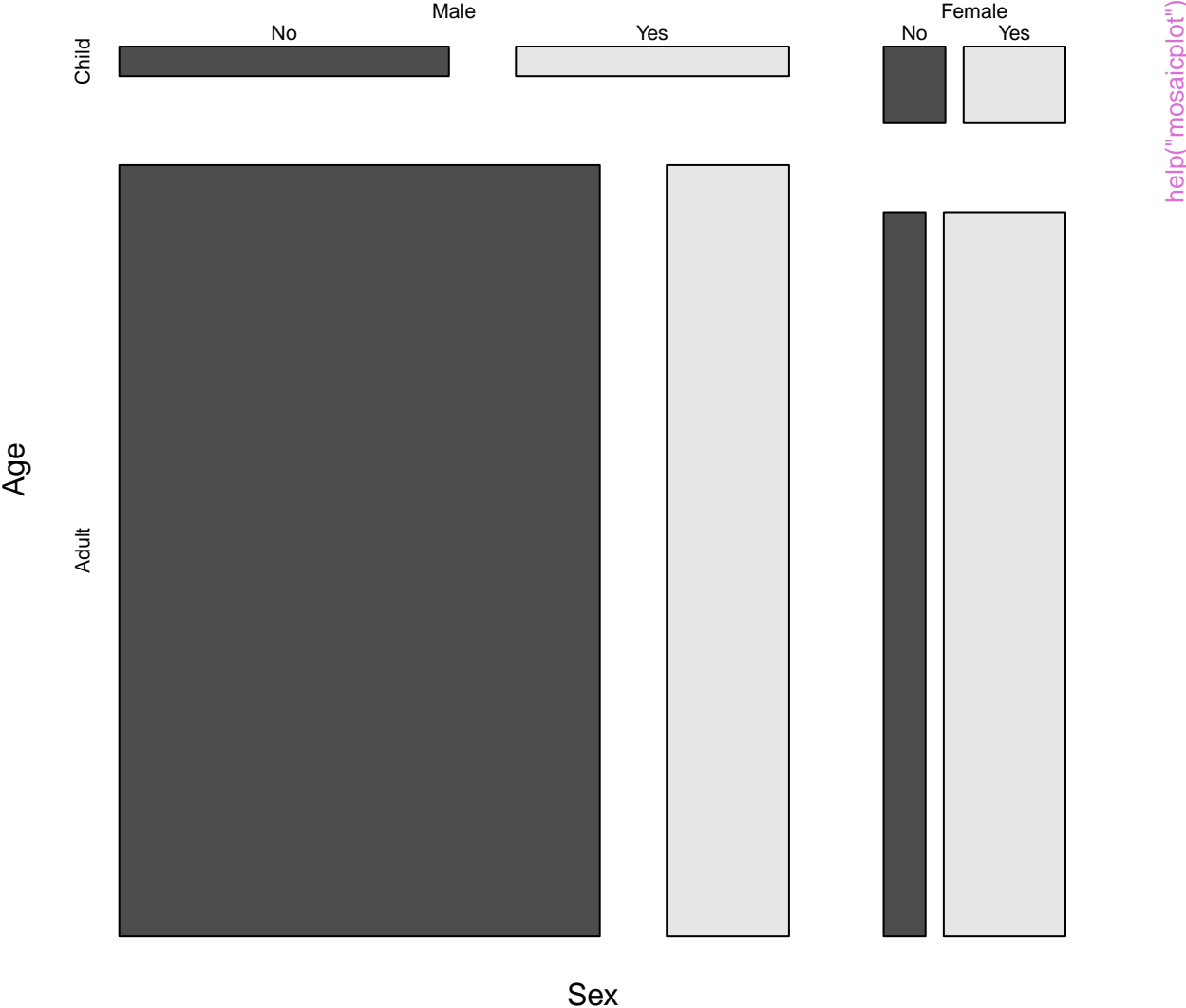


help("matplot")

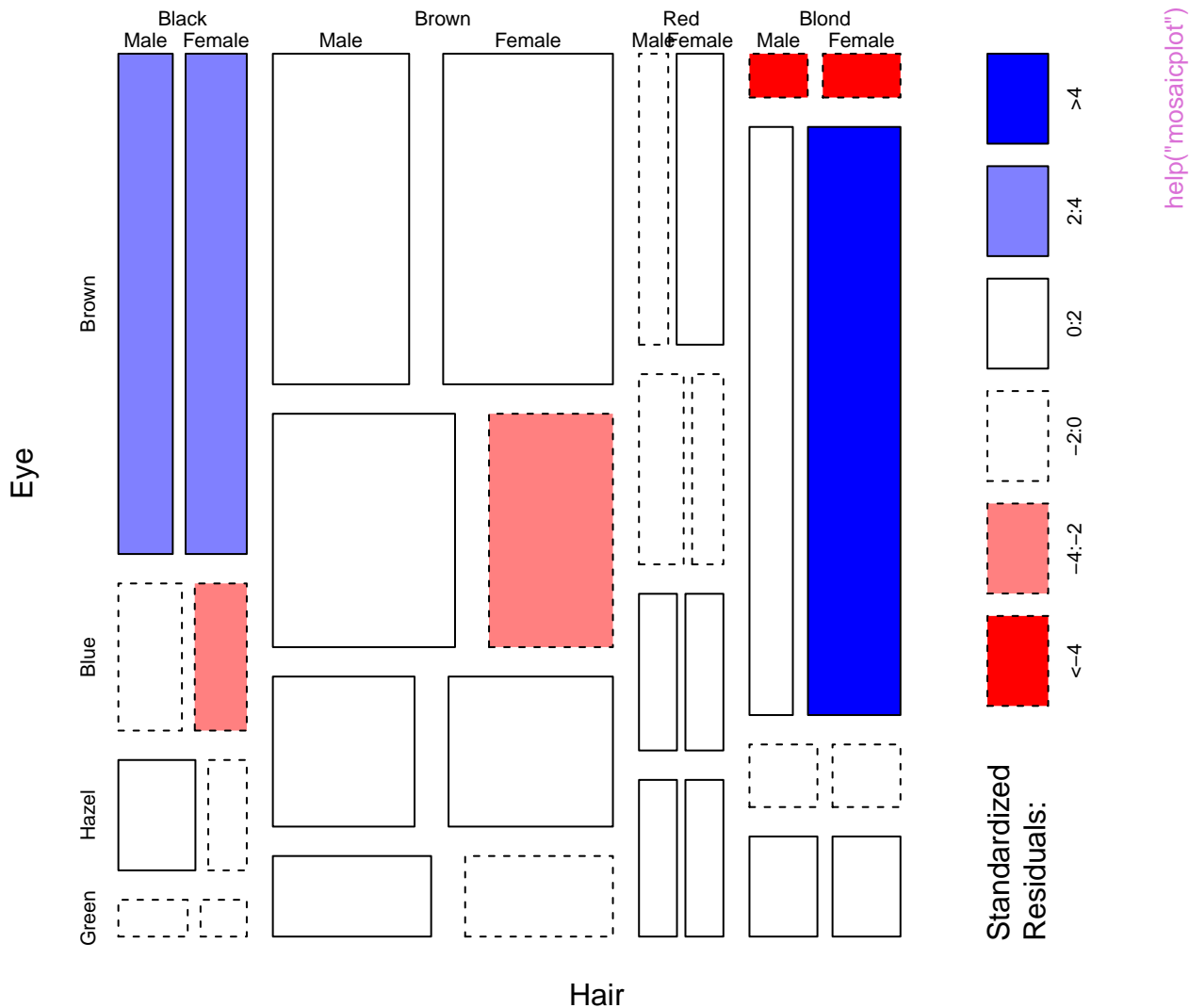
# Survival on the Titanic



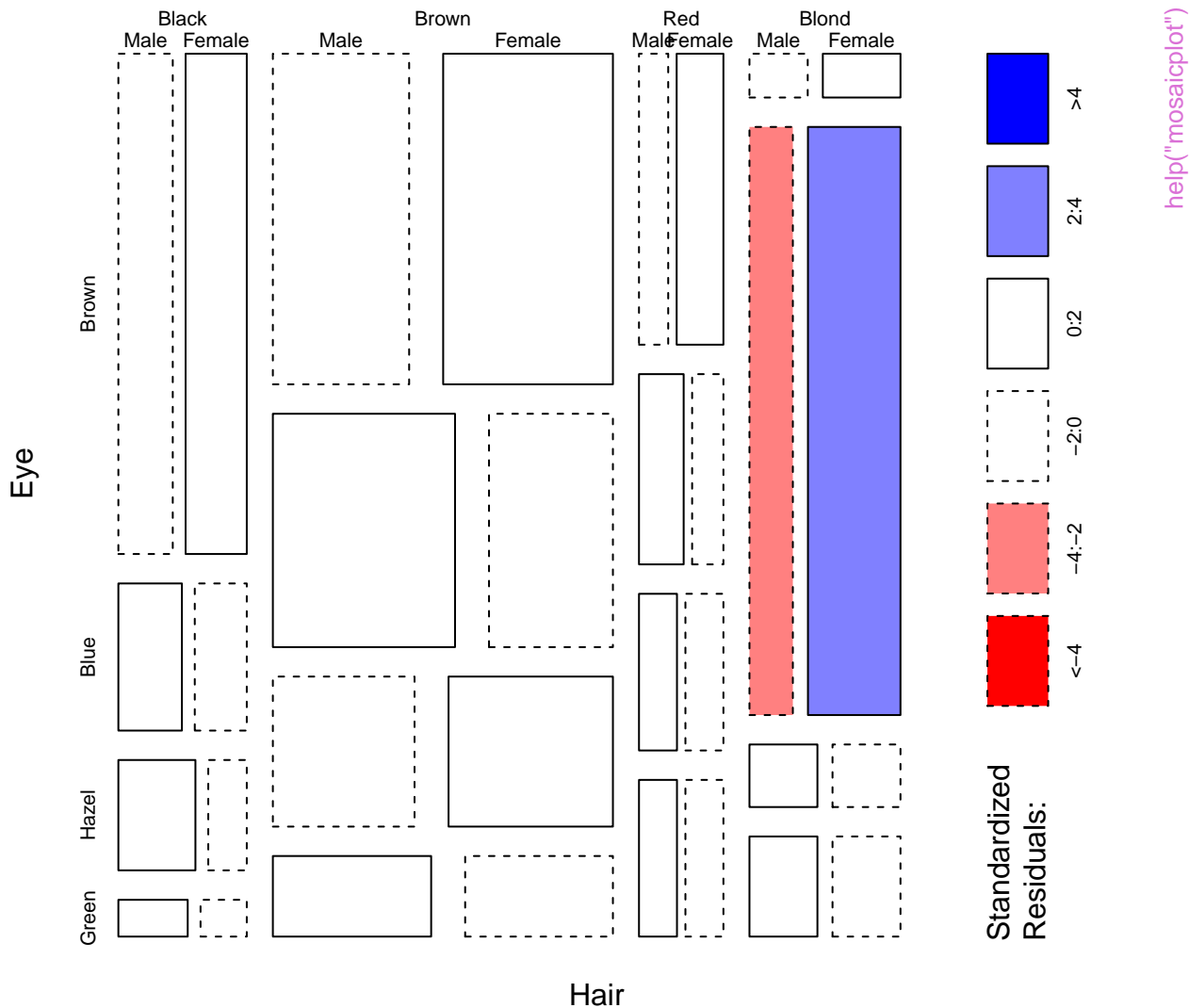
Titanic



# HairEyeColor

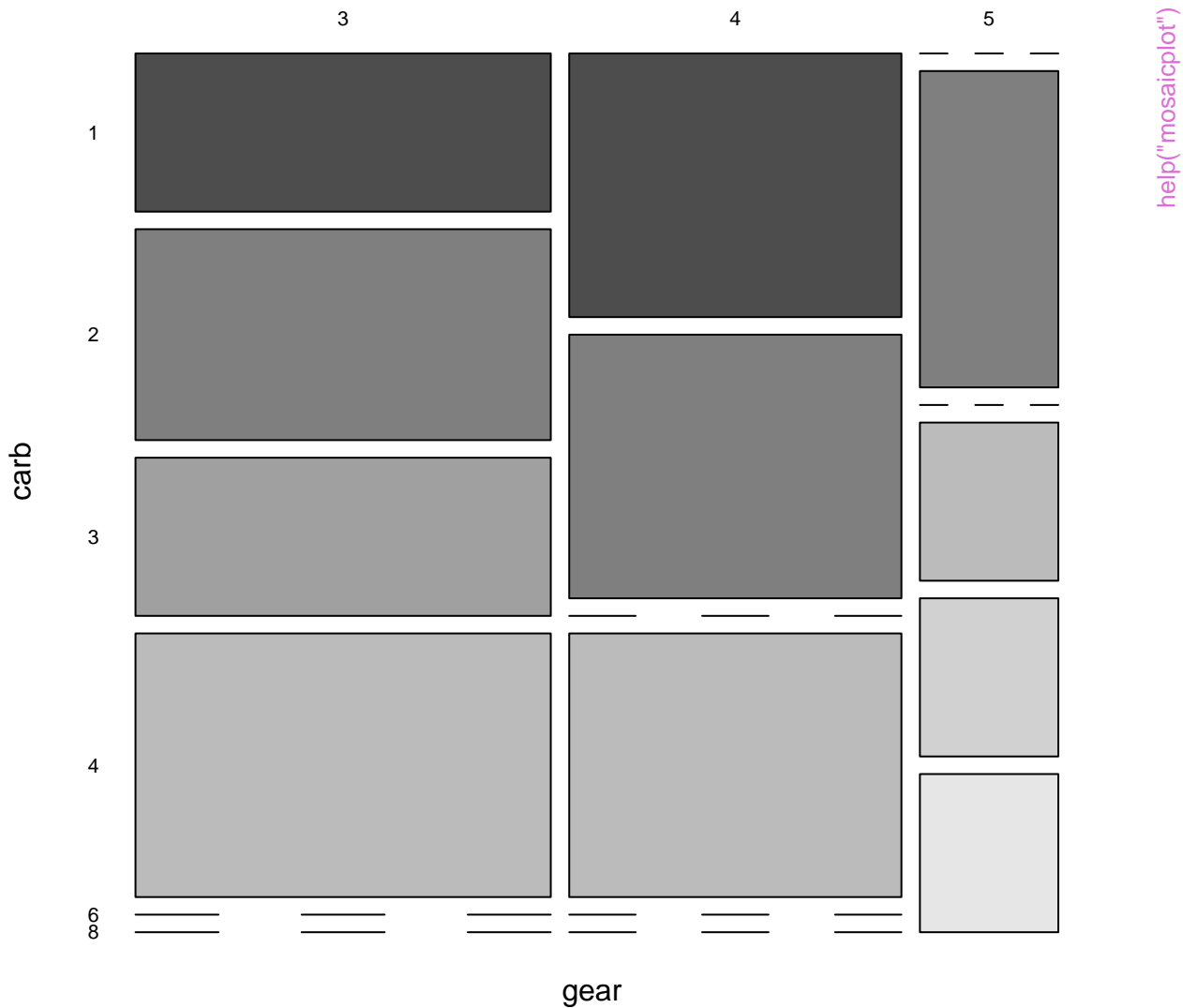


# HairEyeColor

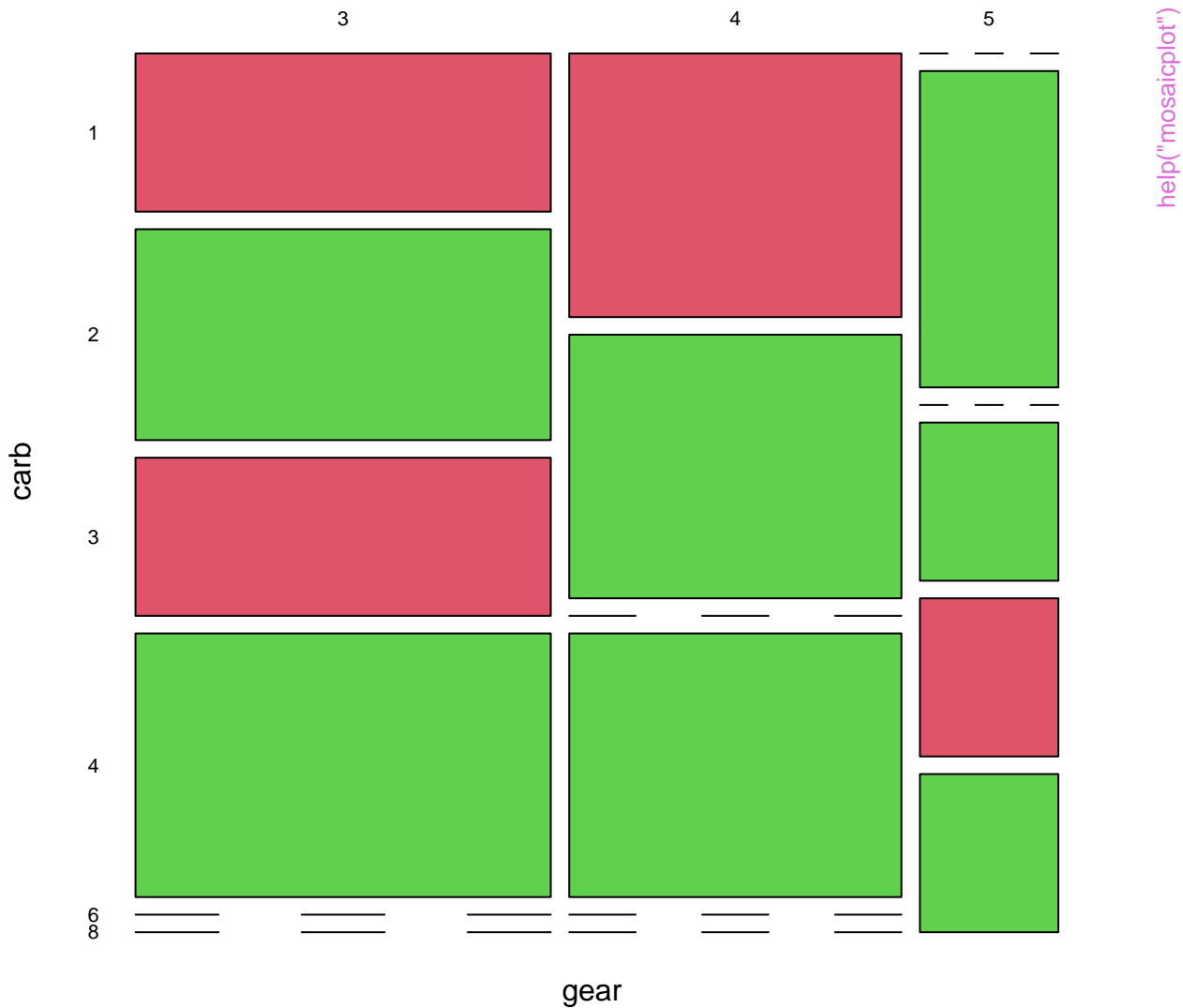




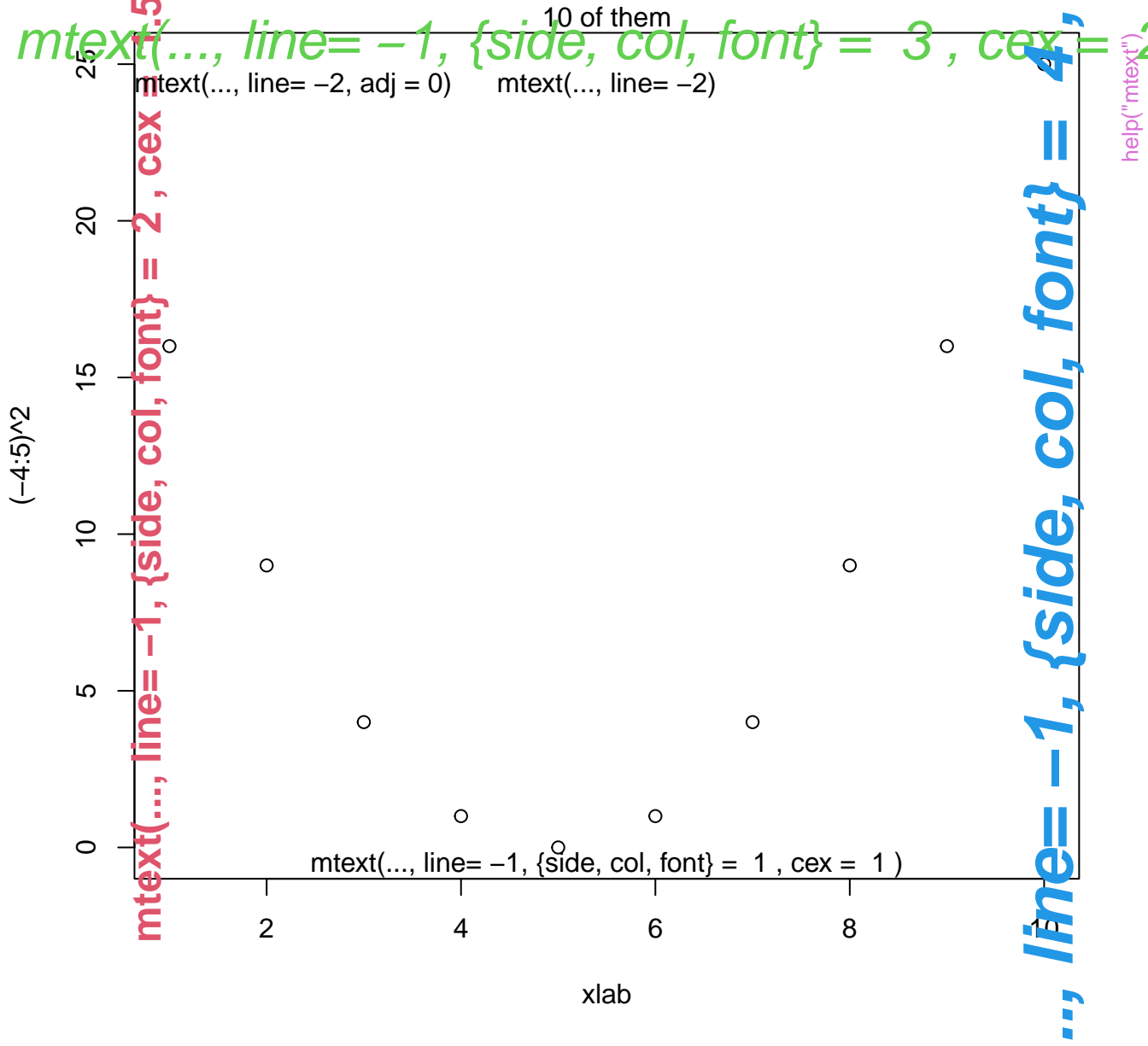
# mtcars

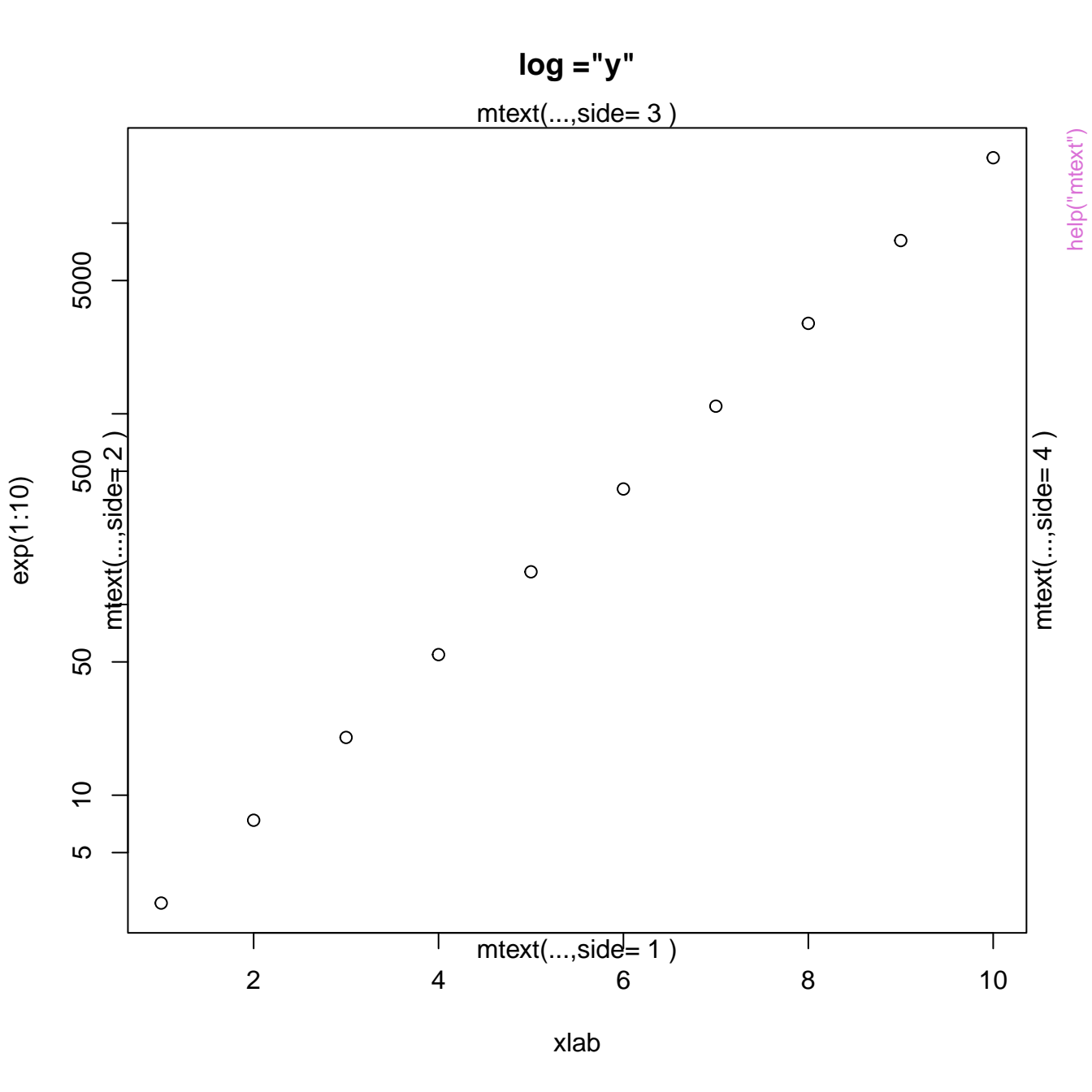


# mtcars

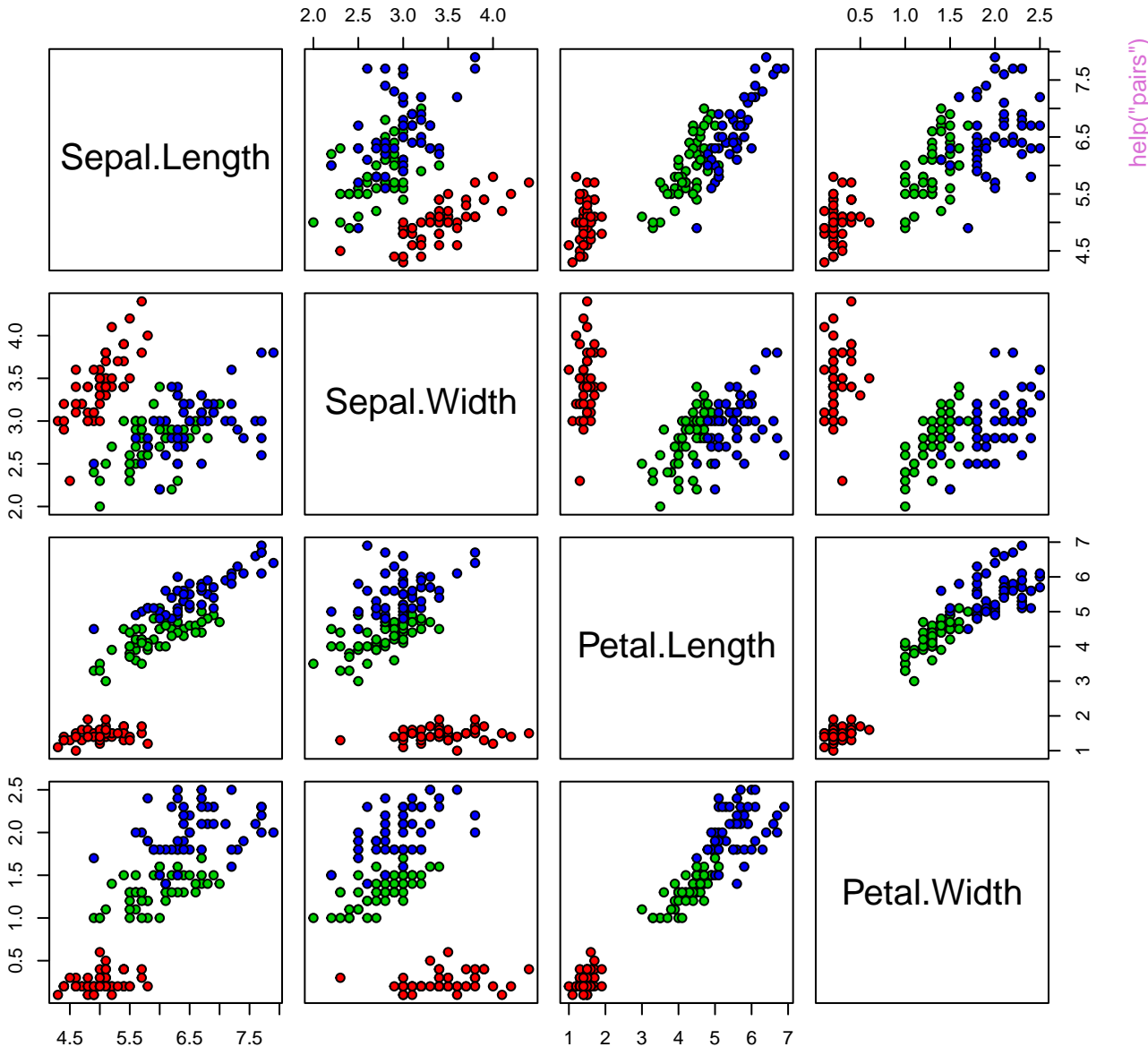


## Parabola Points

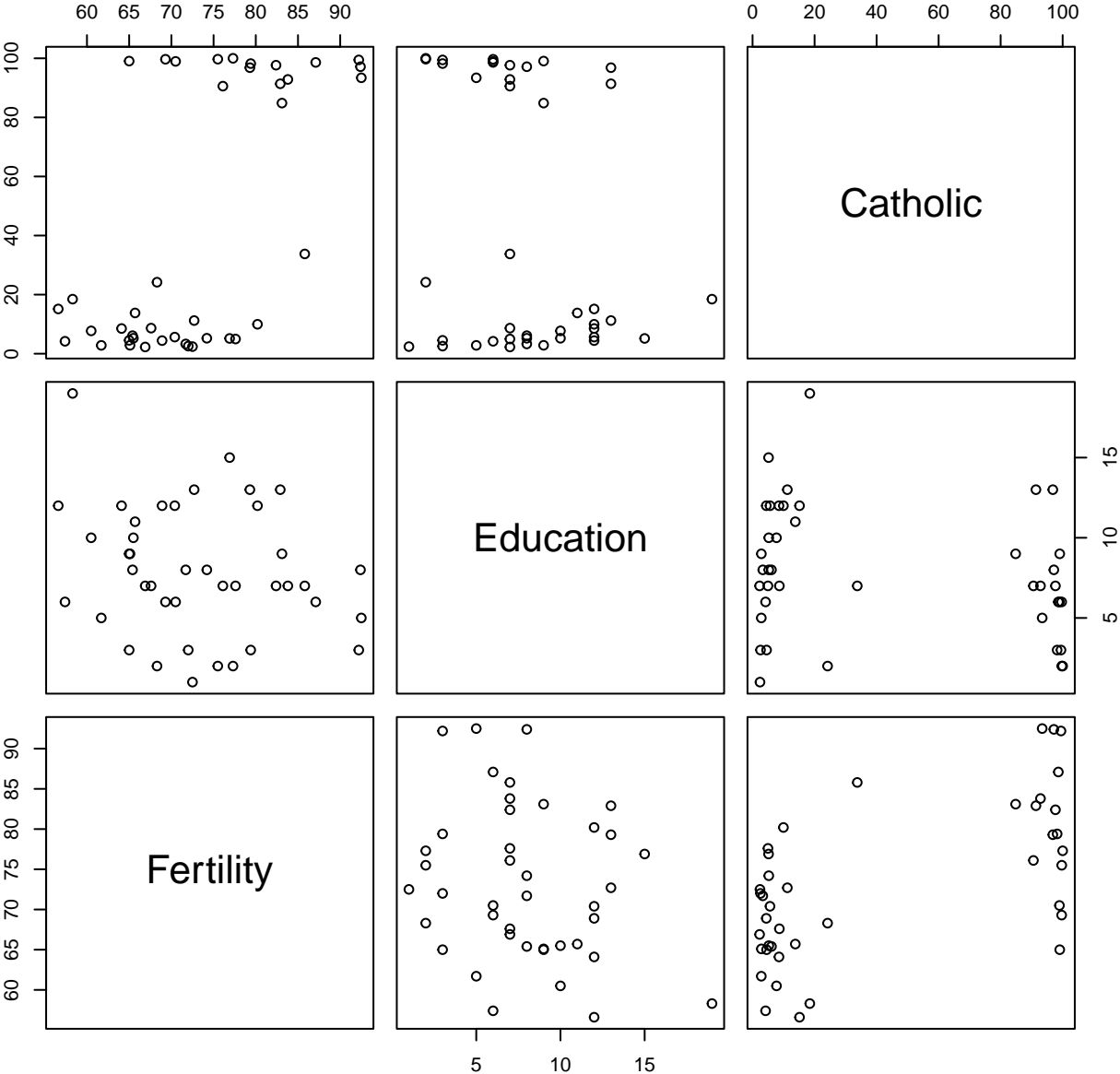


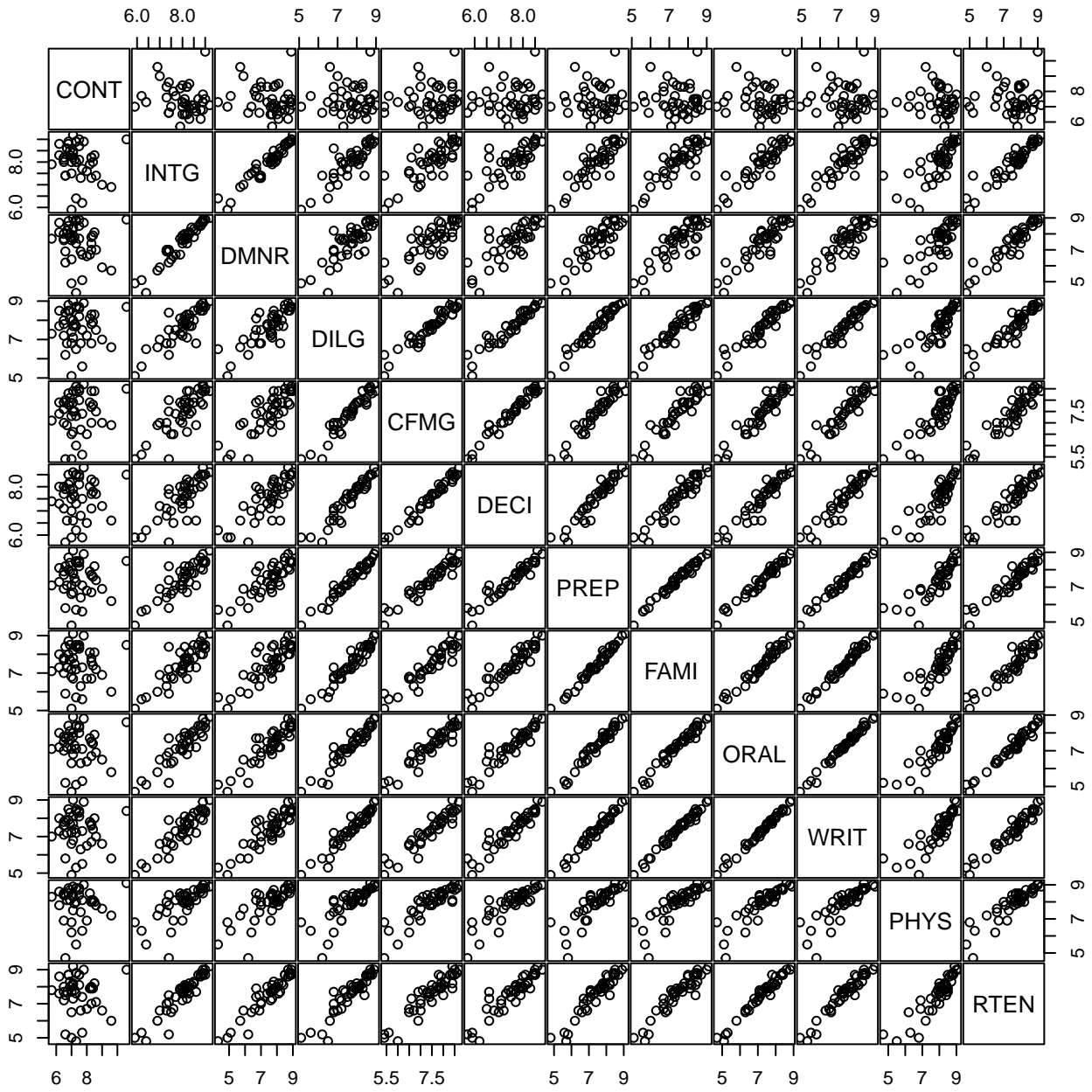


# Anderson's Iris Data -- 3 species

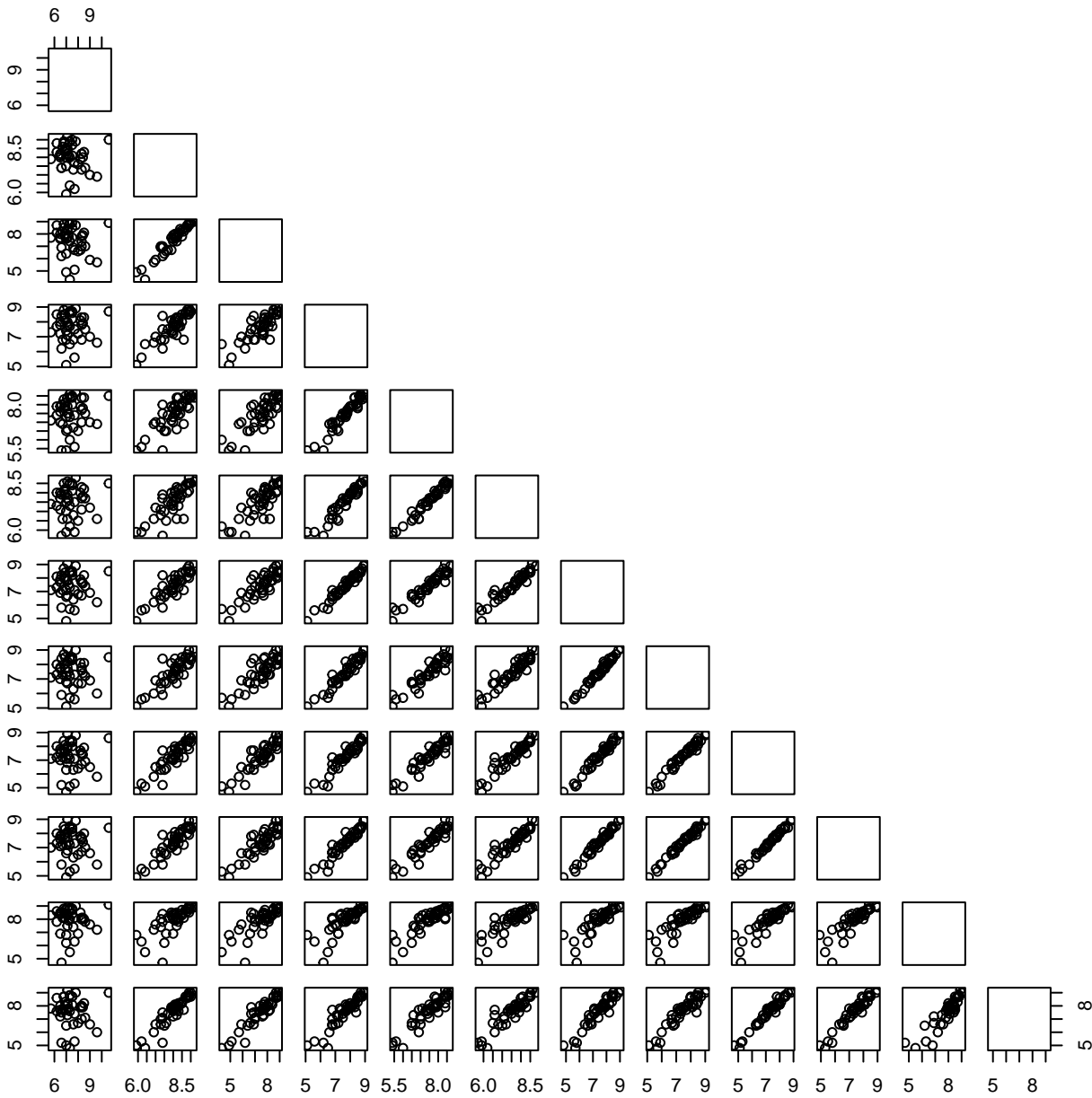


Swiss data, Education < 20



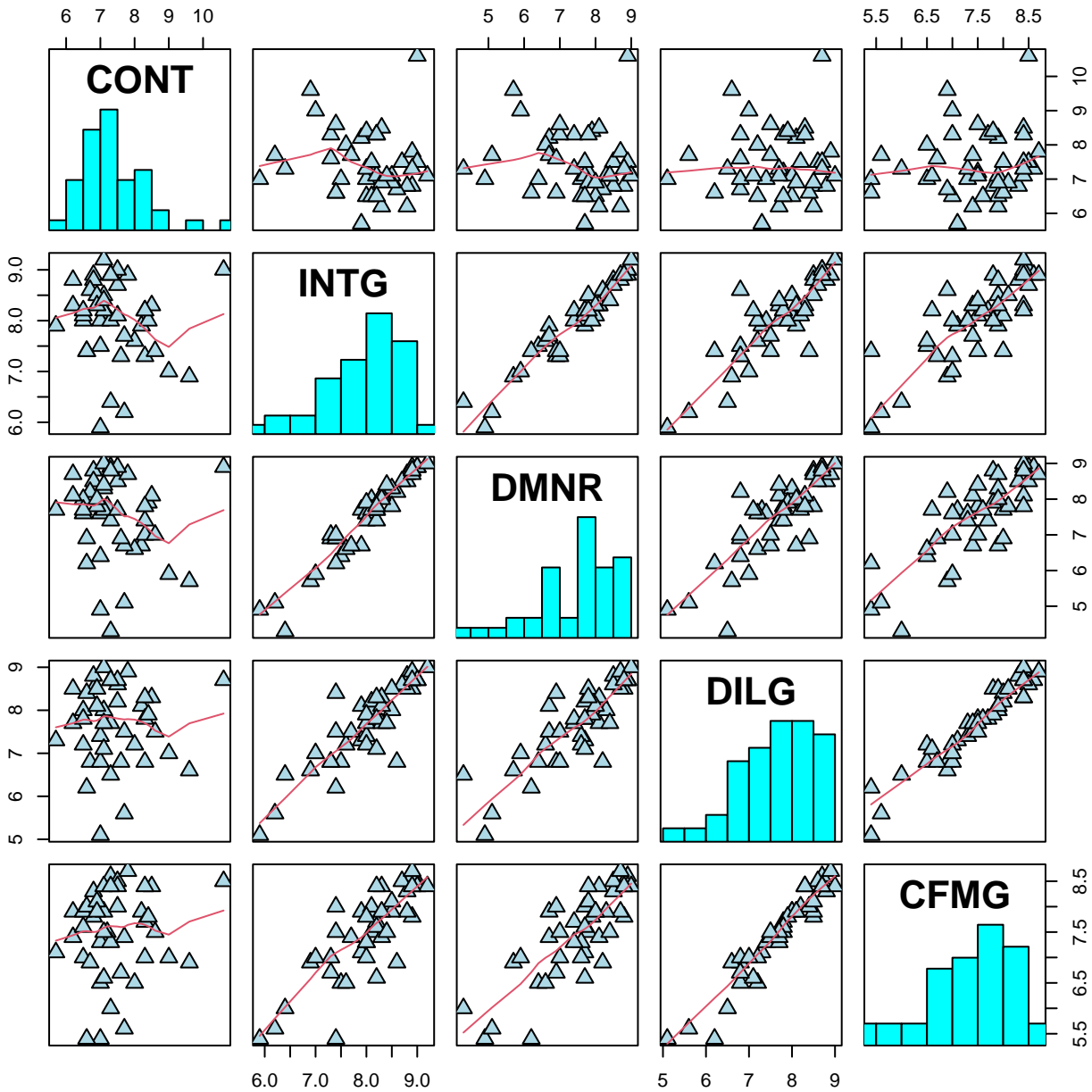


help("pairs")

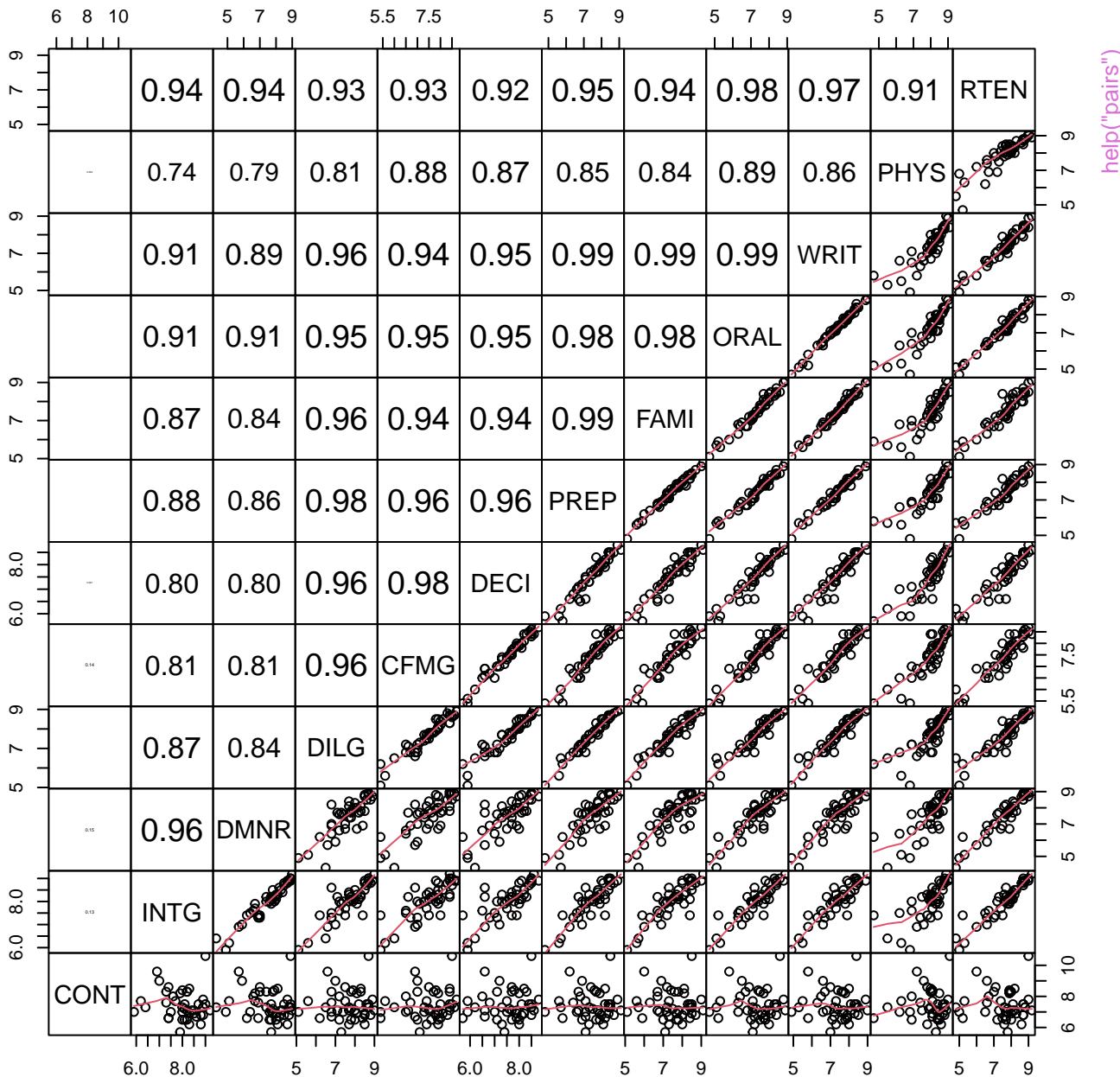


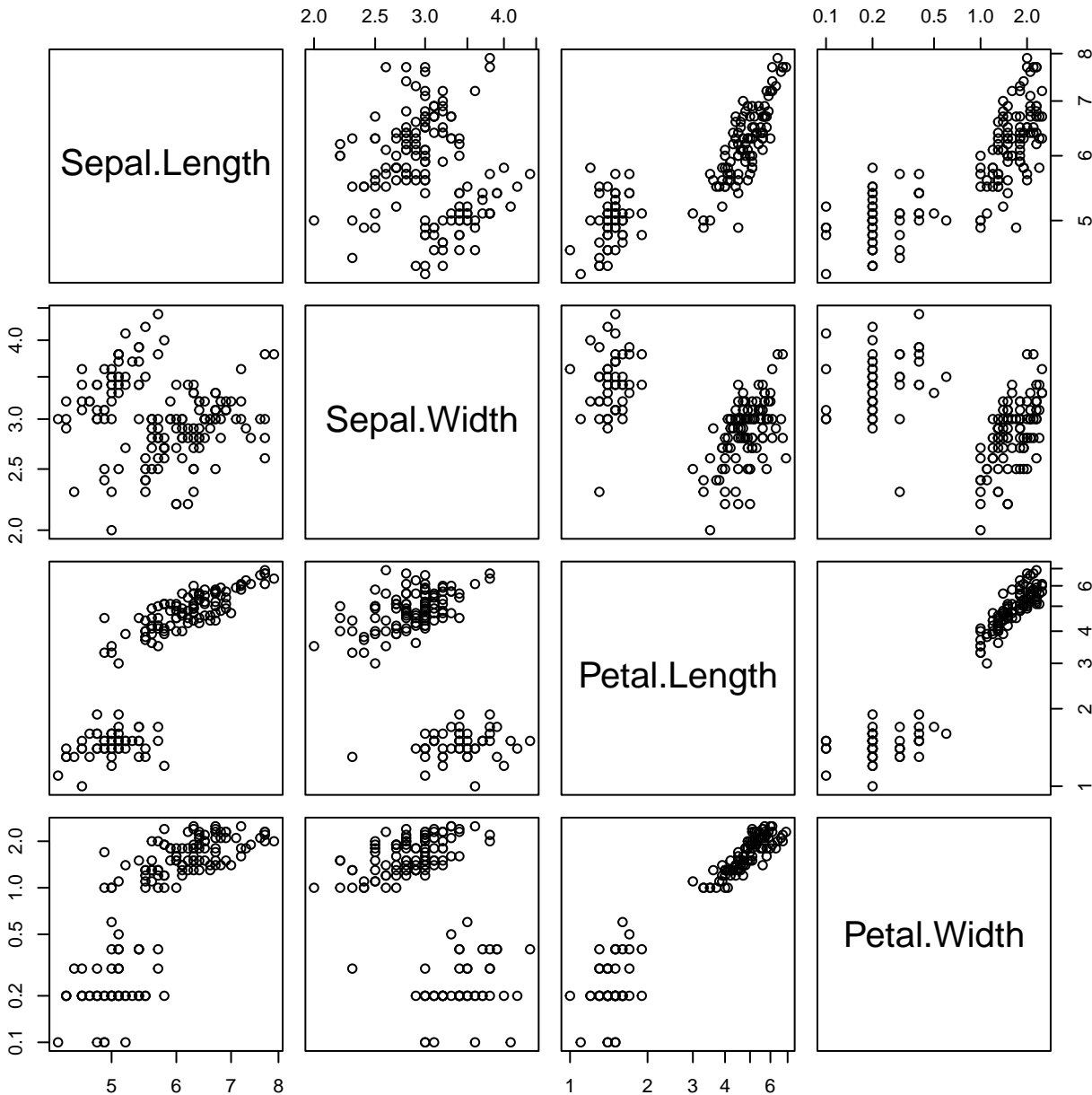
help("pairs")





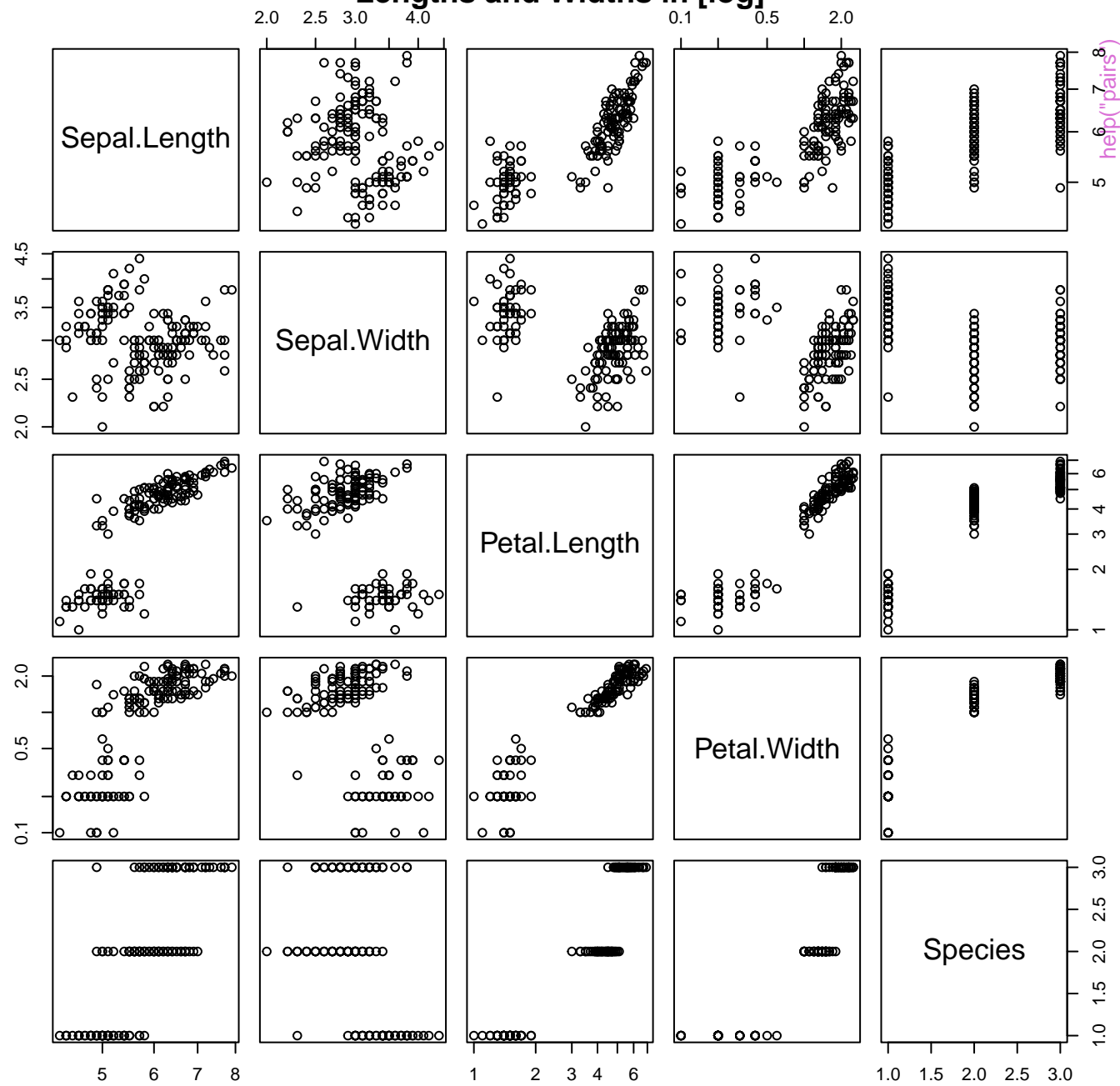
[help\("pairs"\)](#)

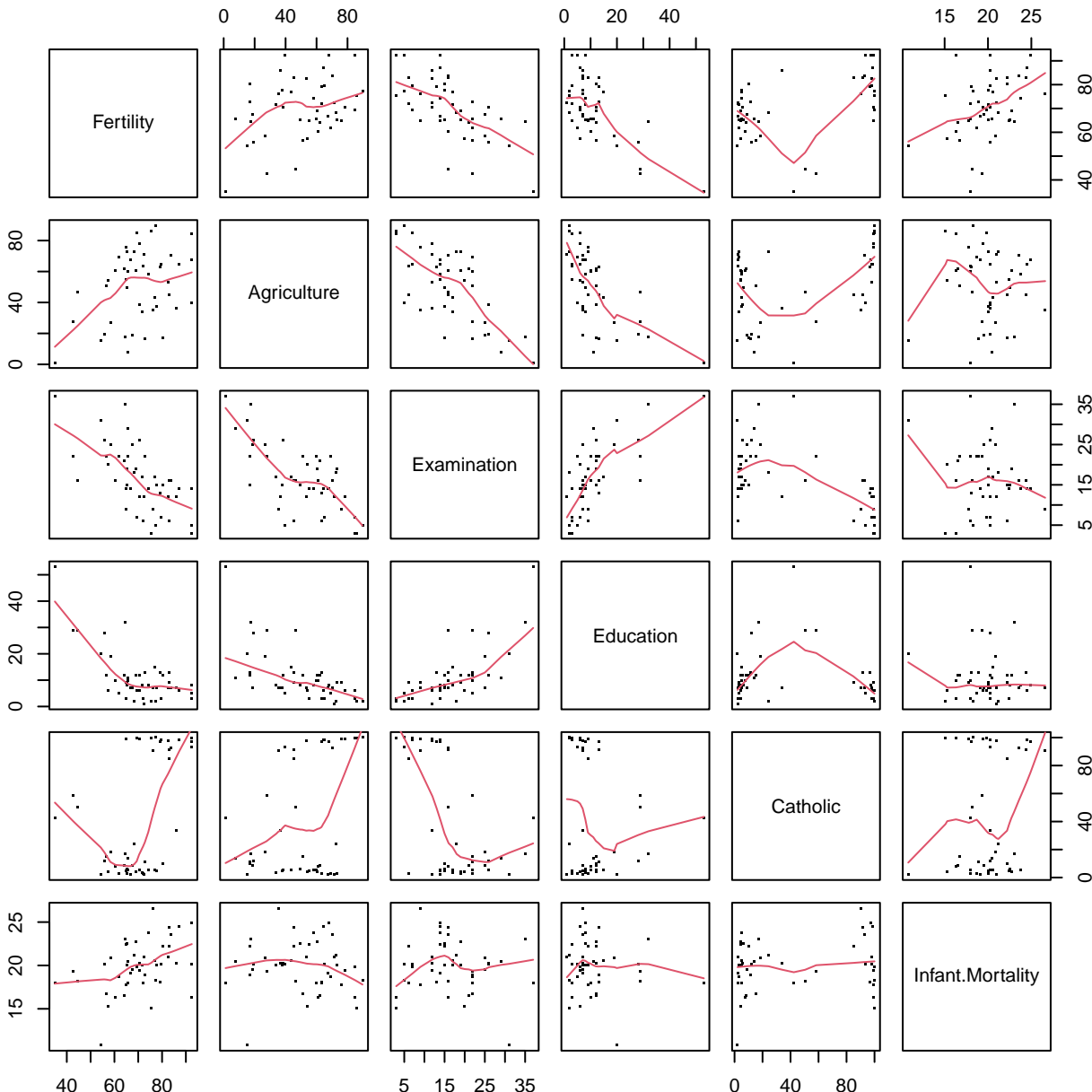




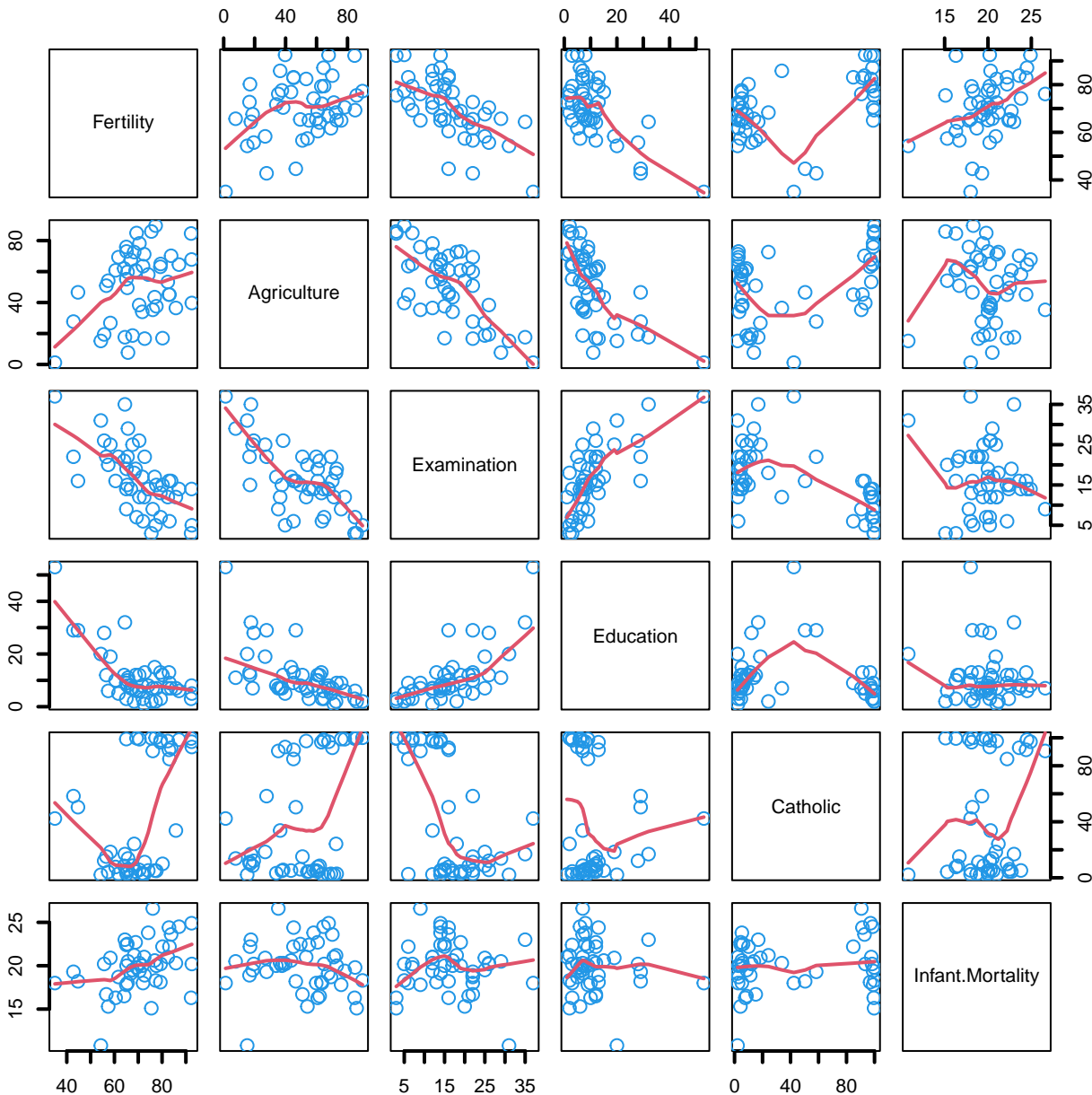
[help\("pairs"\)](#)

# Lengths and Widths in [log]



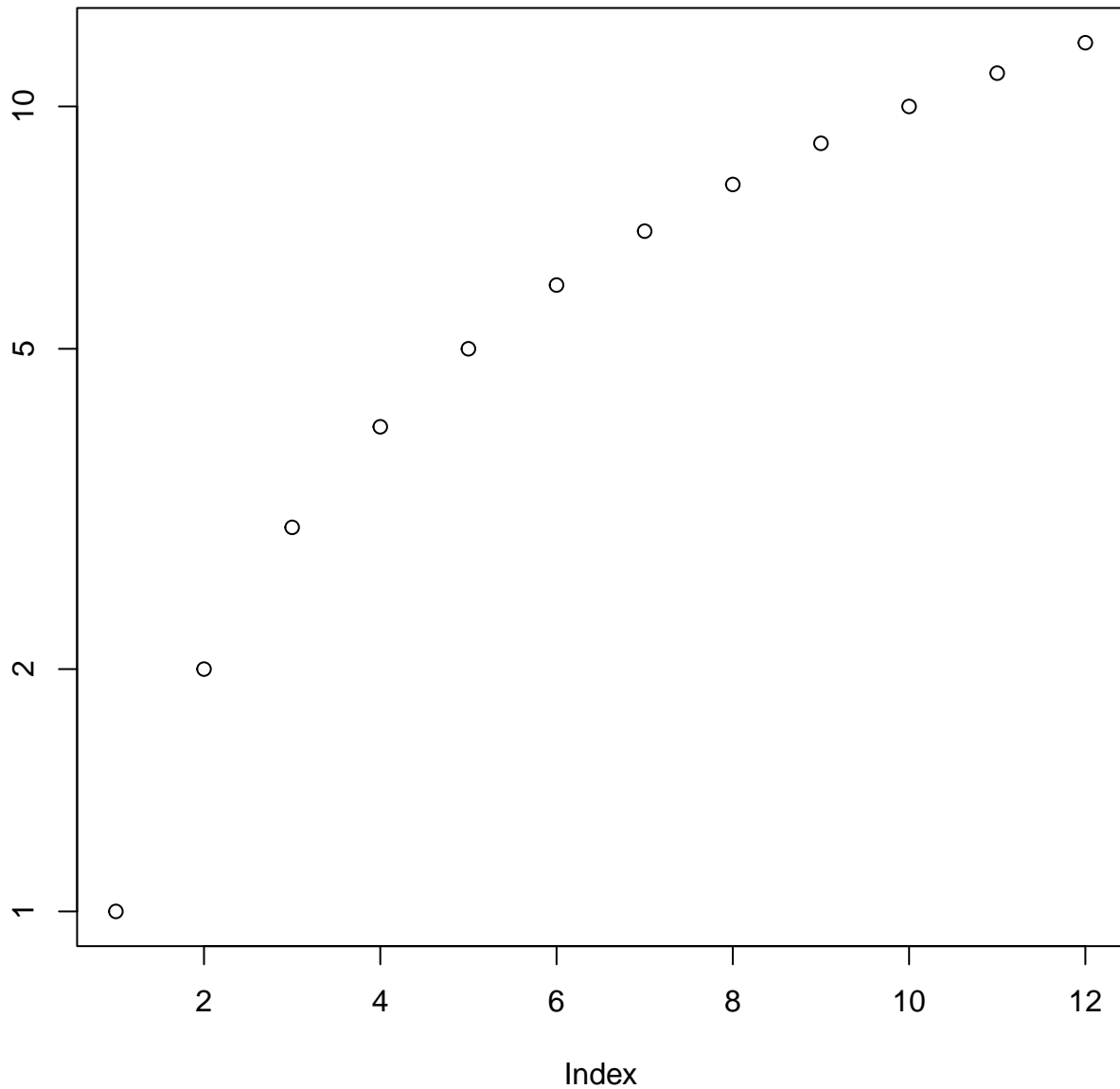


help("panel.smooth")

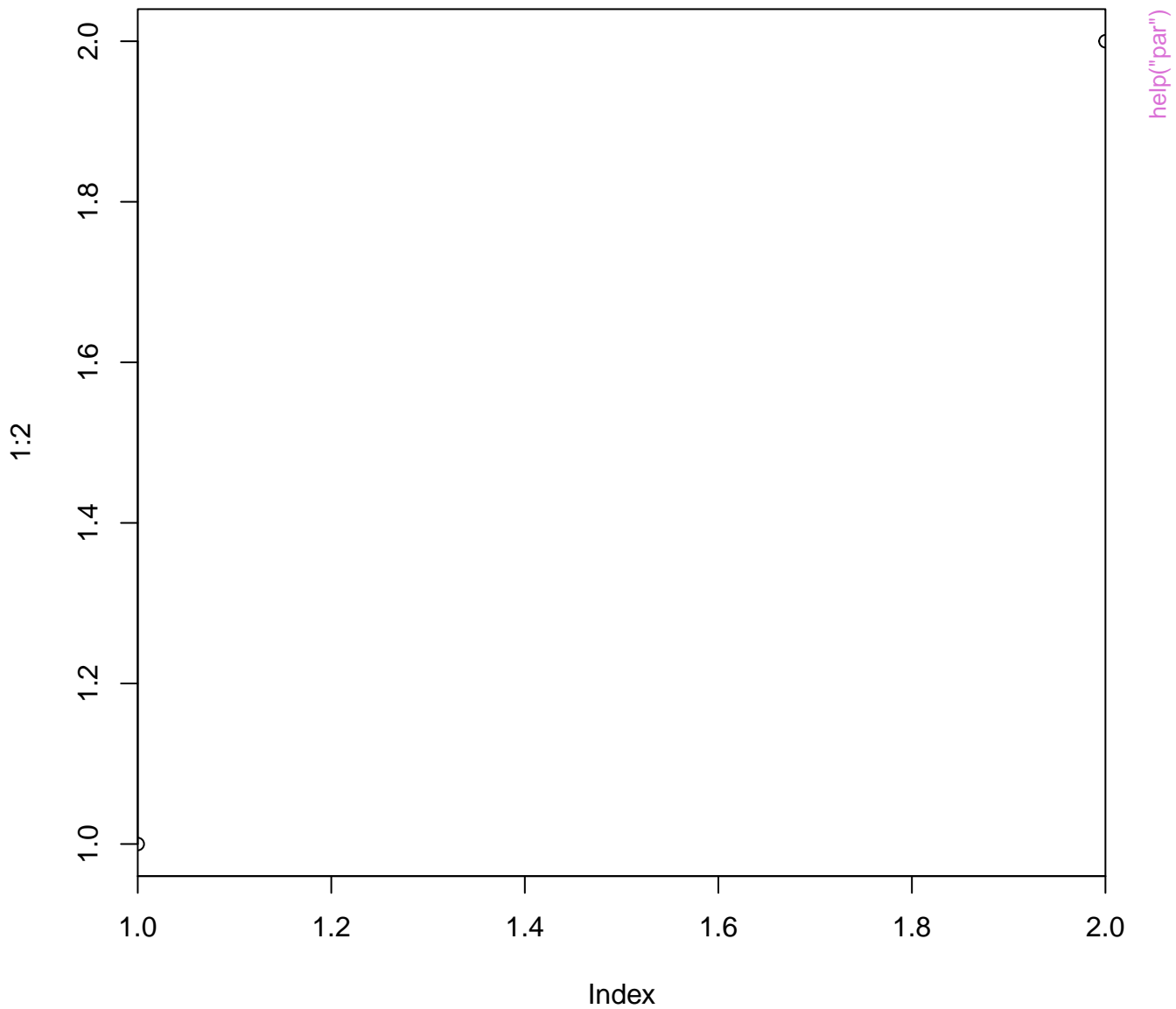


help("panel.smooth")

1:12

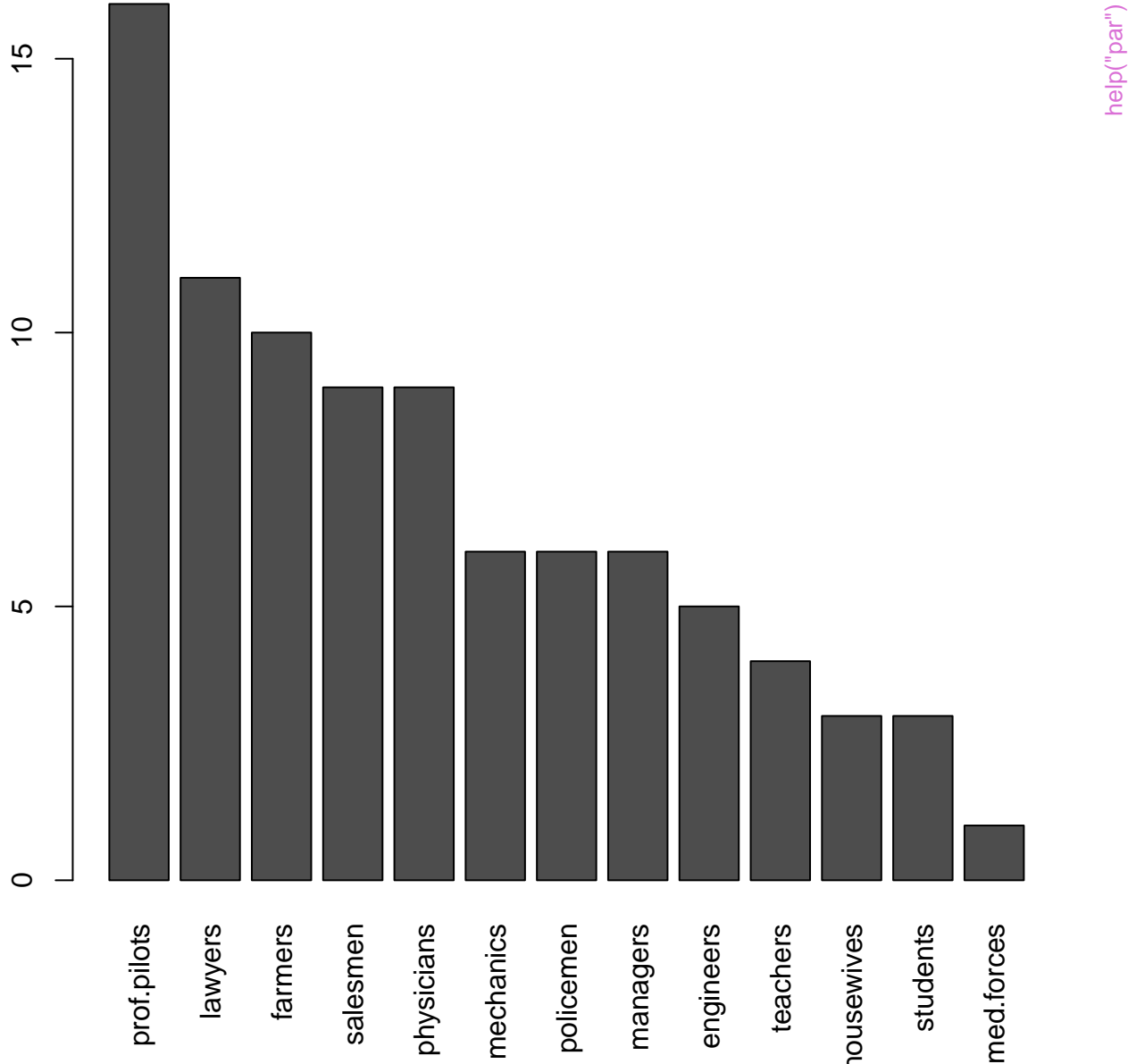


help("par")

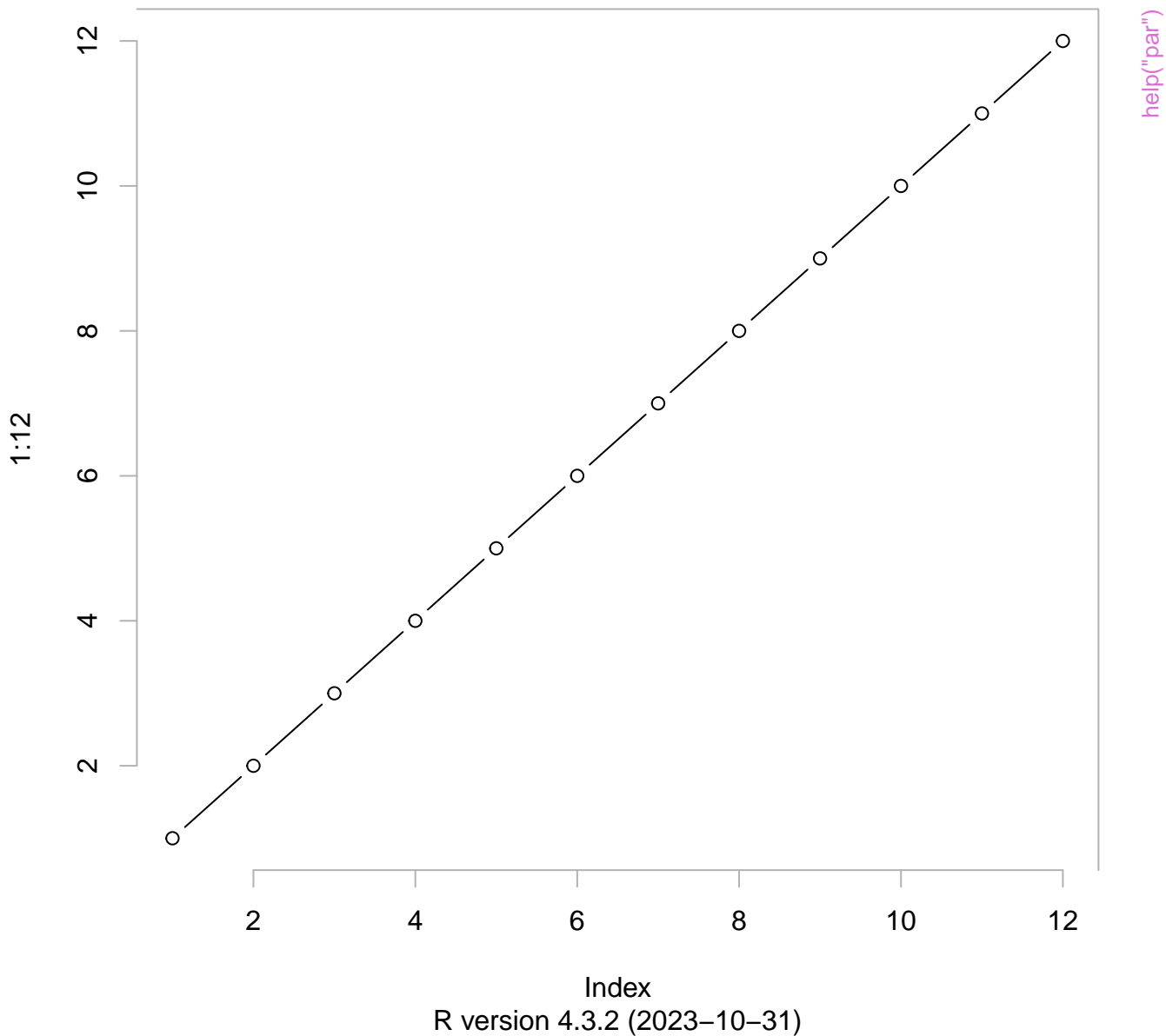


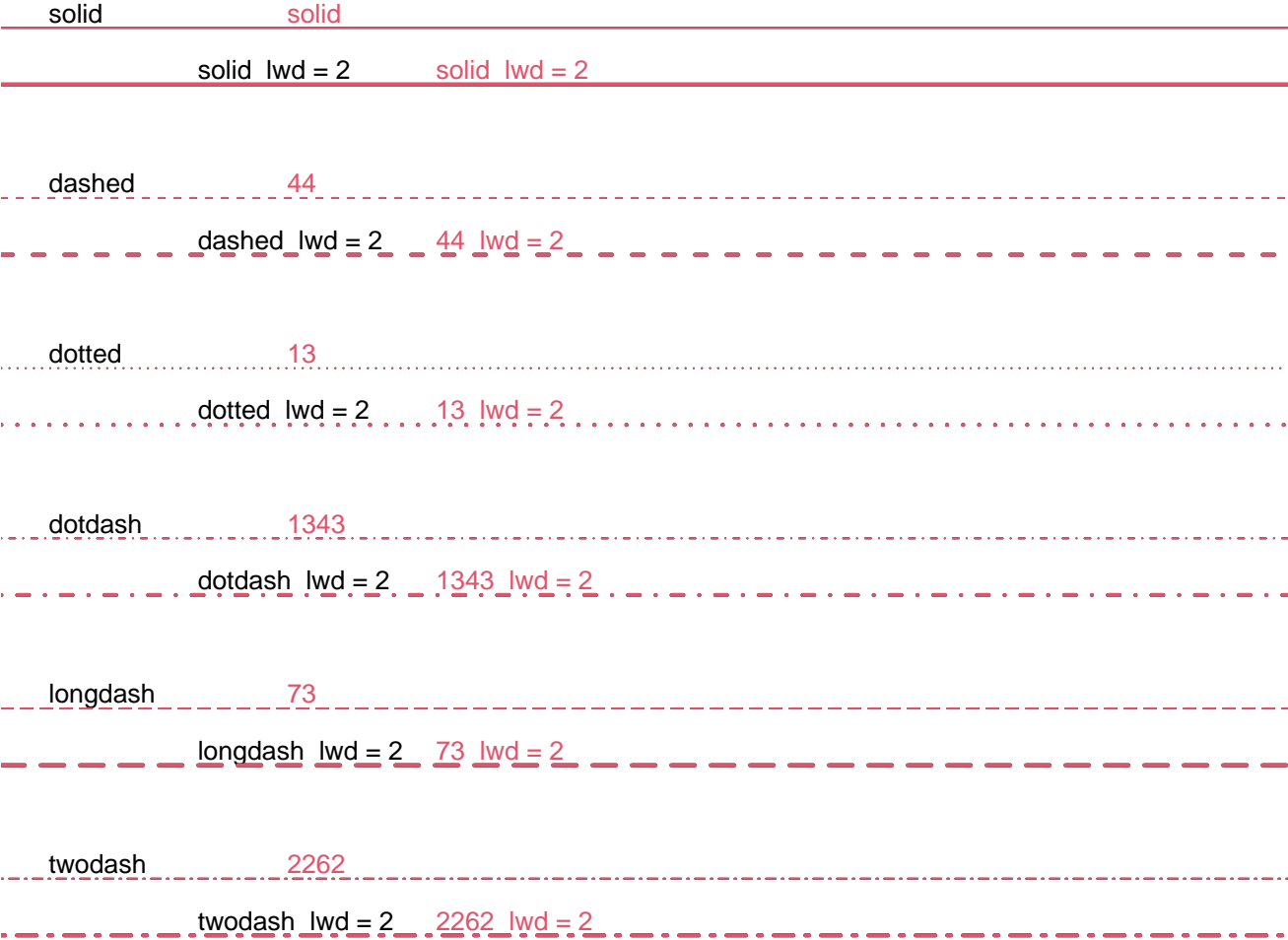
help("par")





**'fg' : axes, ticks and box in gray**





11

11 lwd = 2

22

22 lwd = 2

33

33 lwd = 2

44

44 lwd = 2

12

12 lwd = 2

13

13 lwd = 2

14

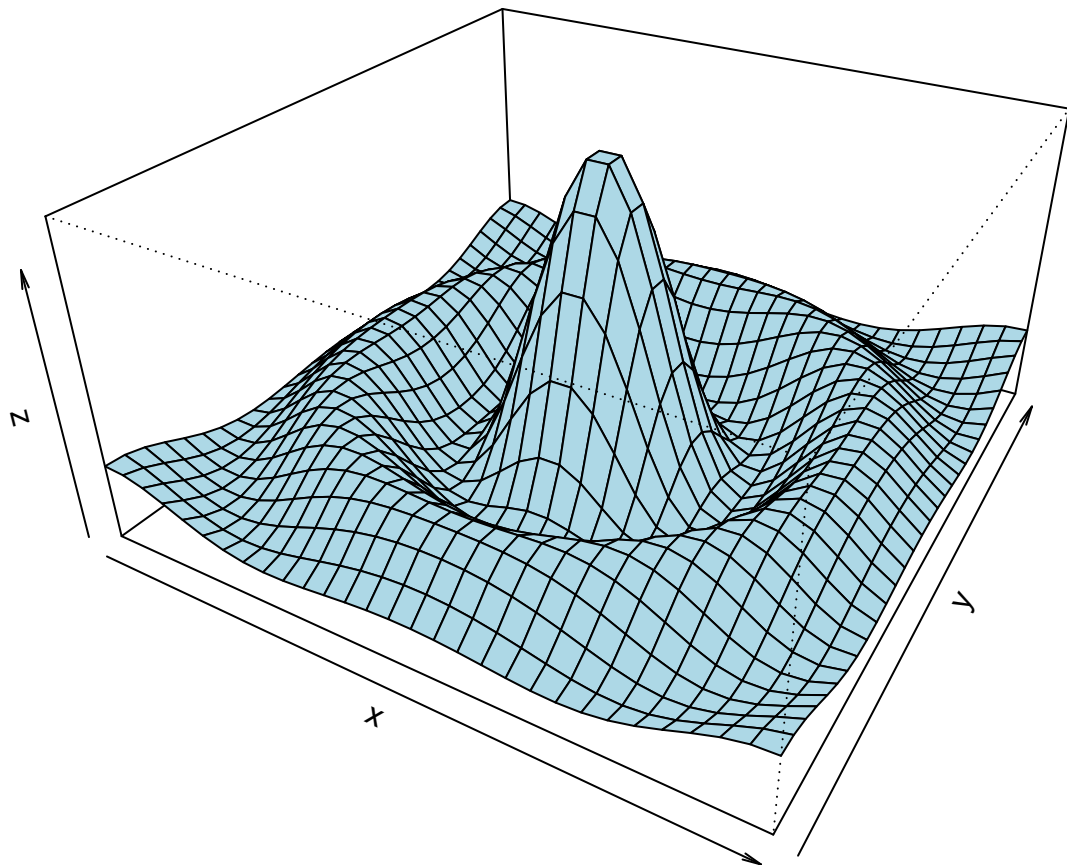
14 lwd = 2

21

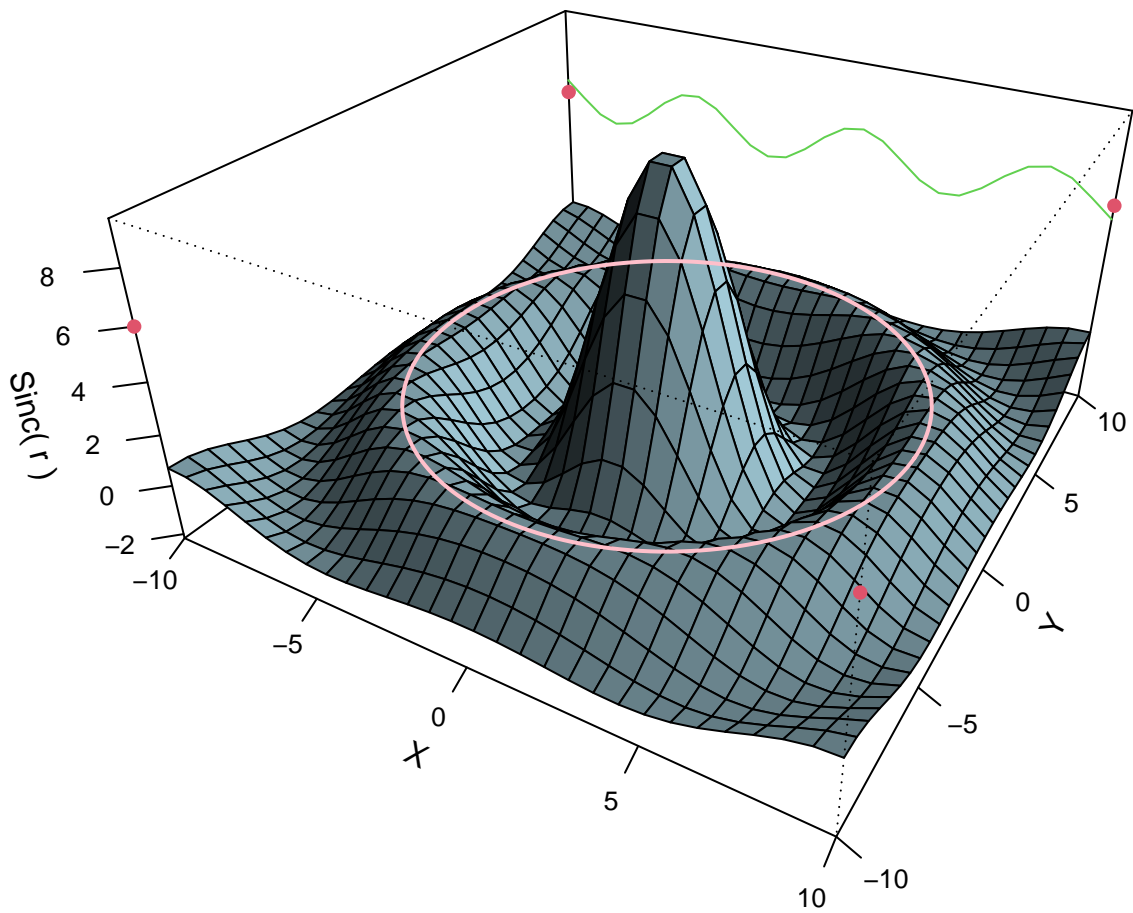
21 lwd = 2

31

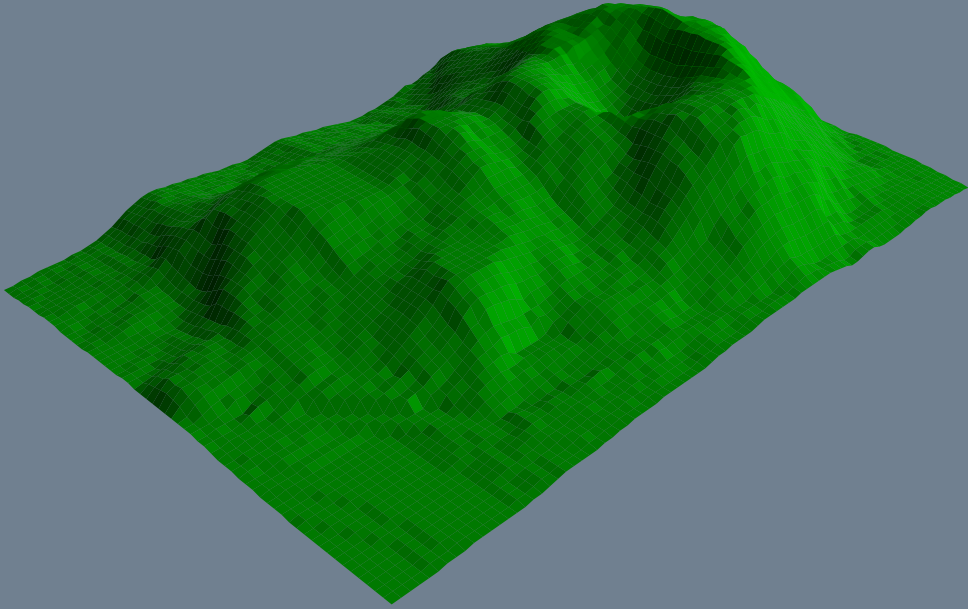
31 lwd = 2



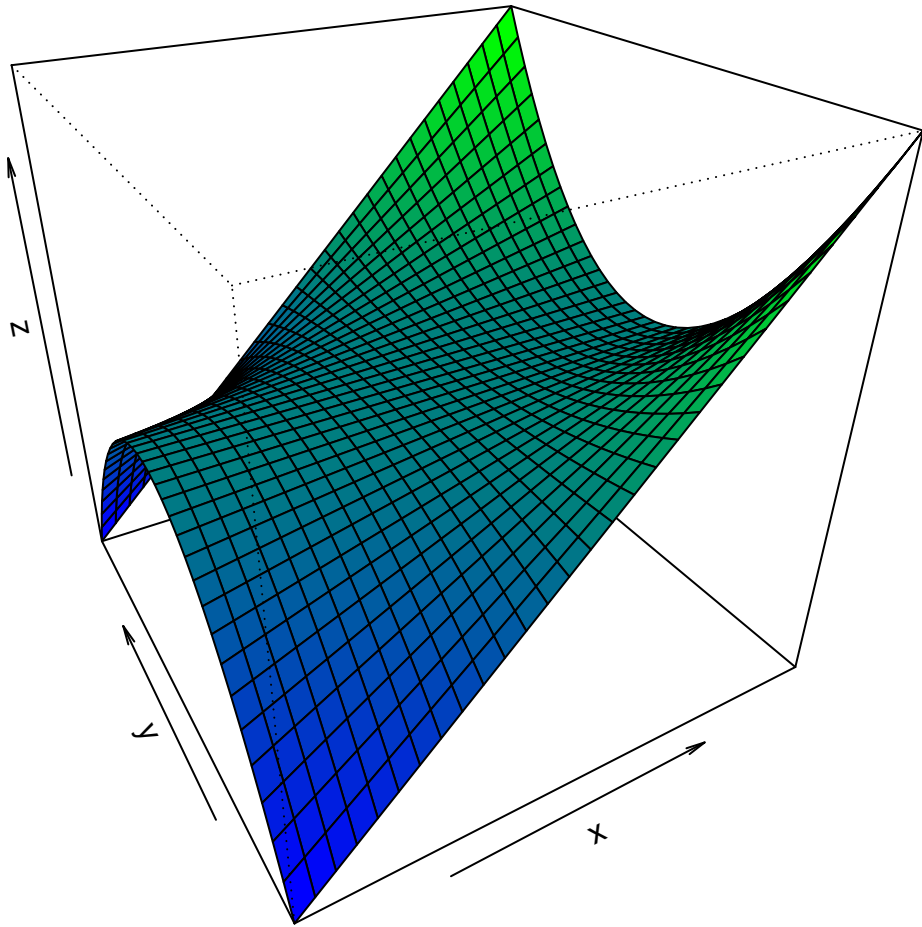
`help("persp")`



help("persp")

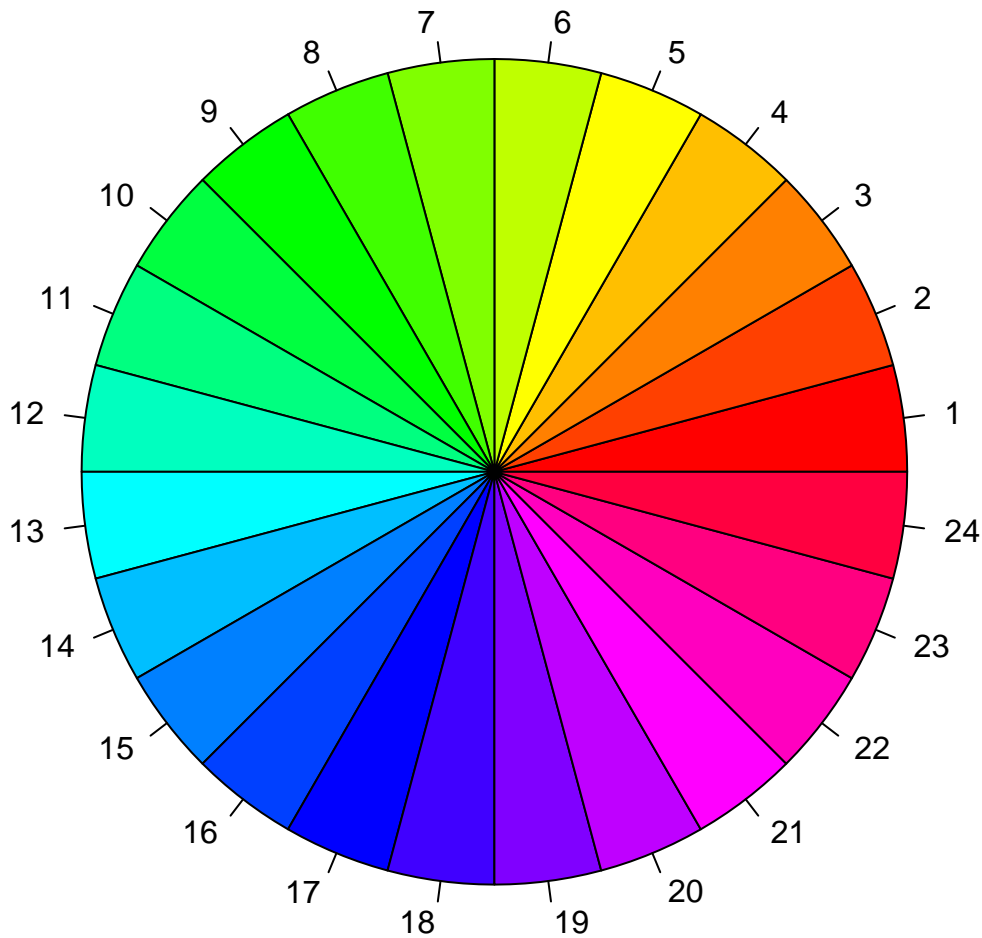


help("persp")

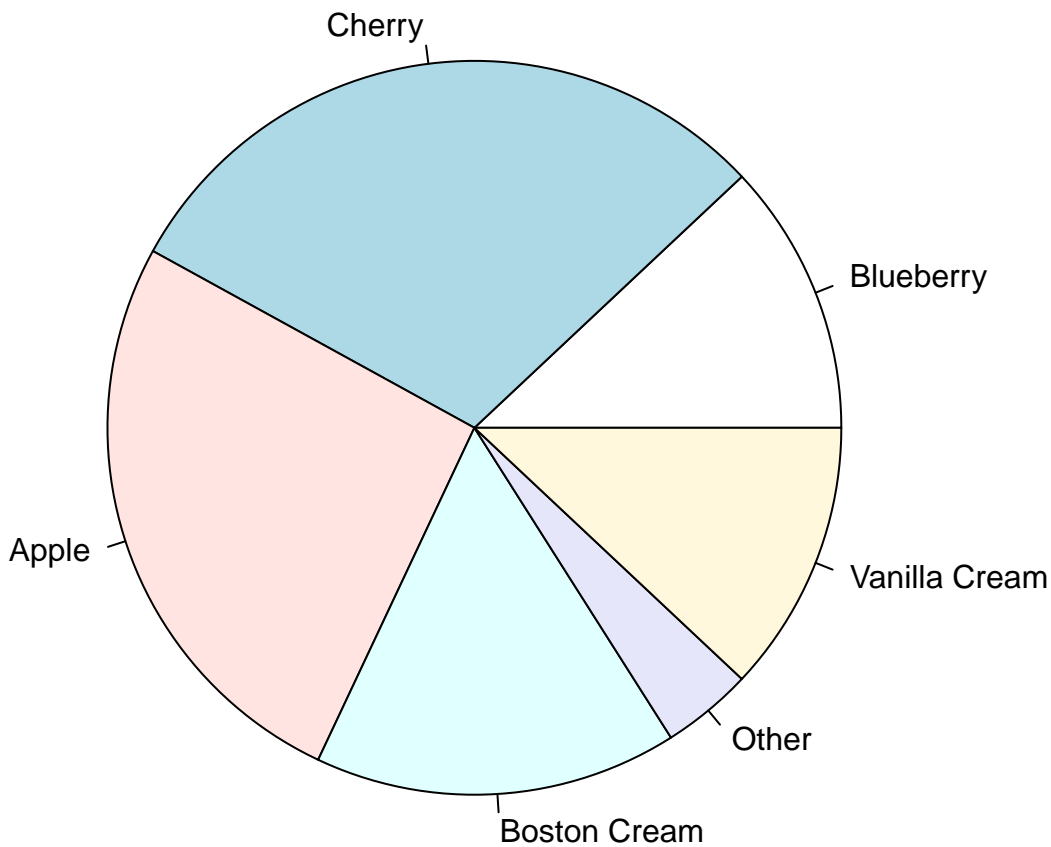


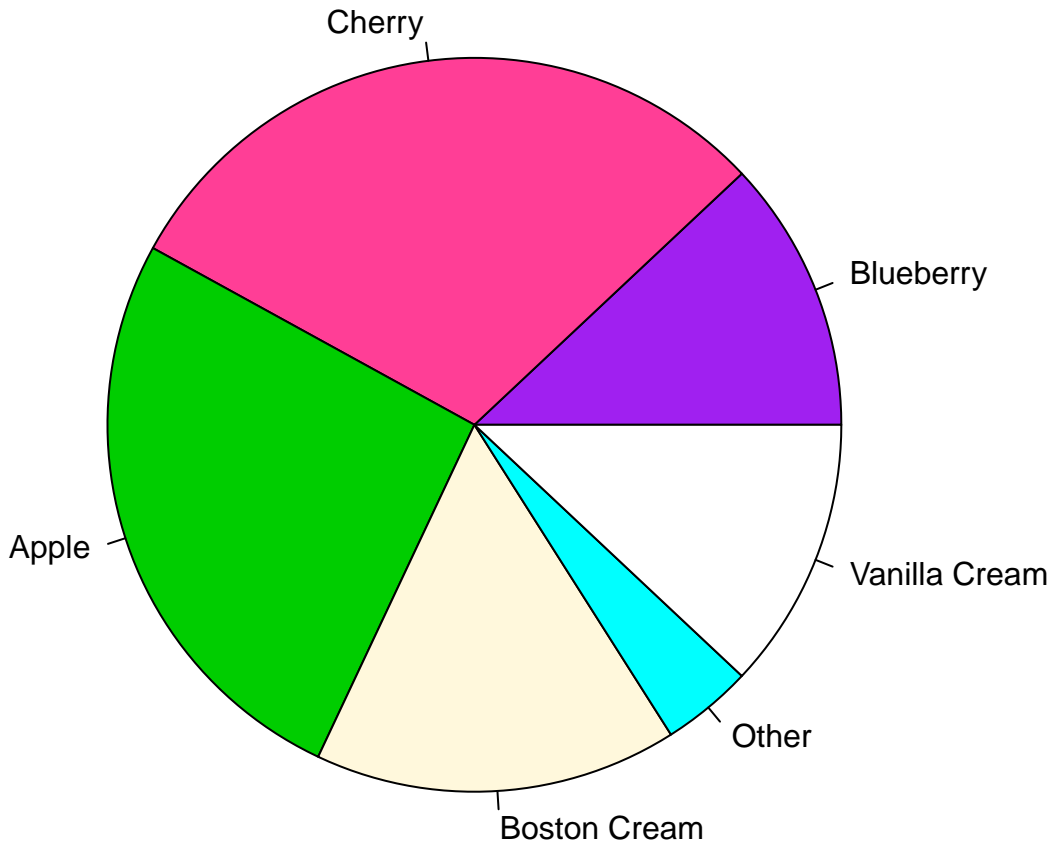
`help("persp")`

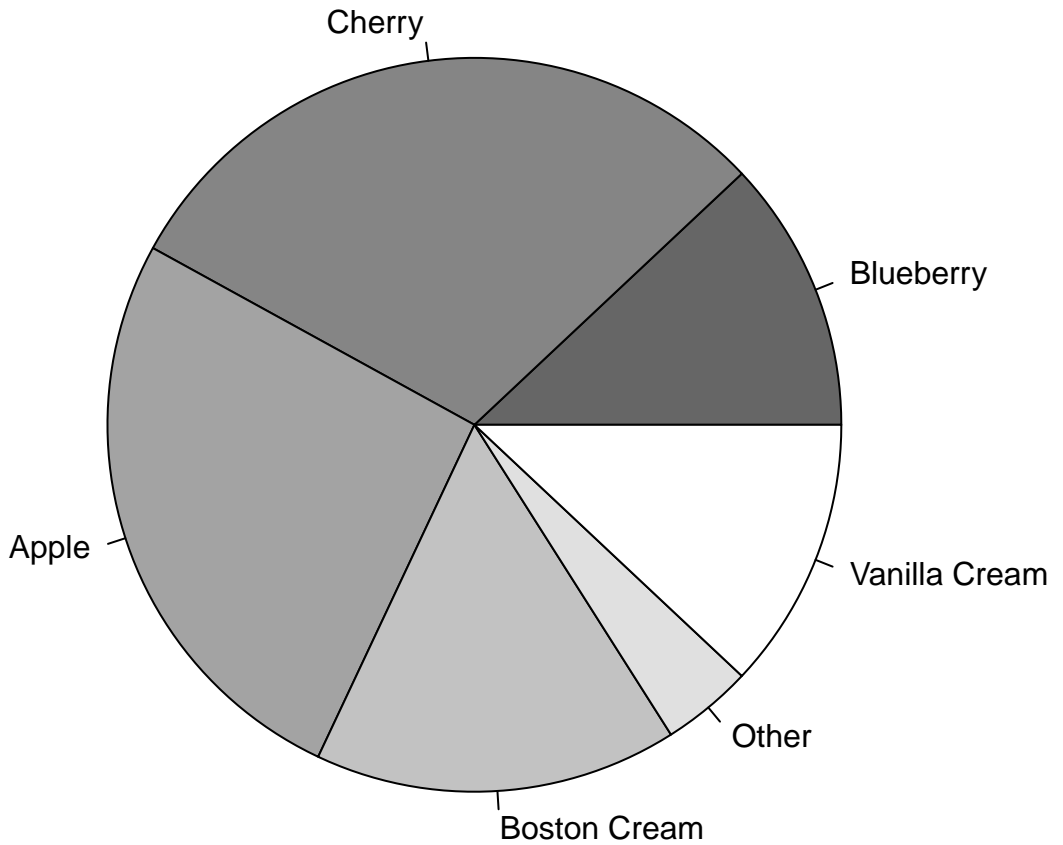


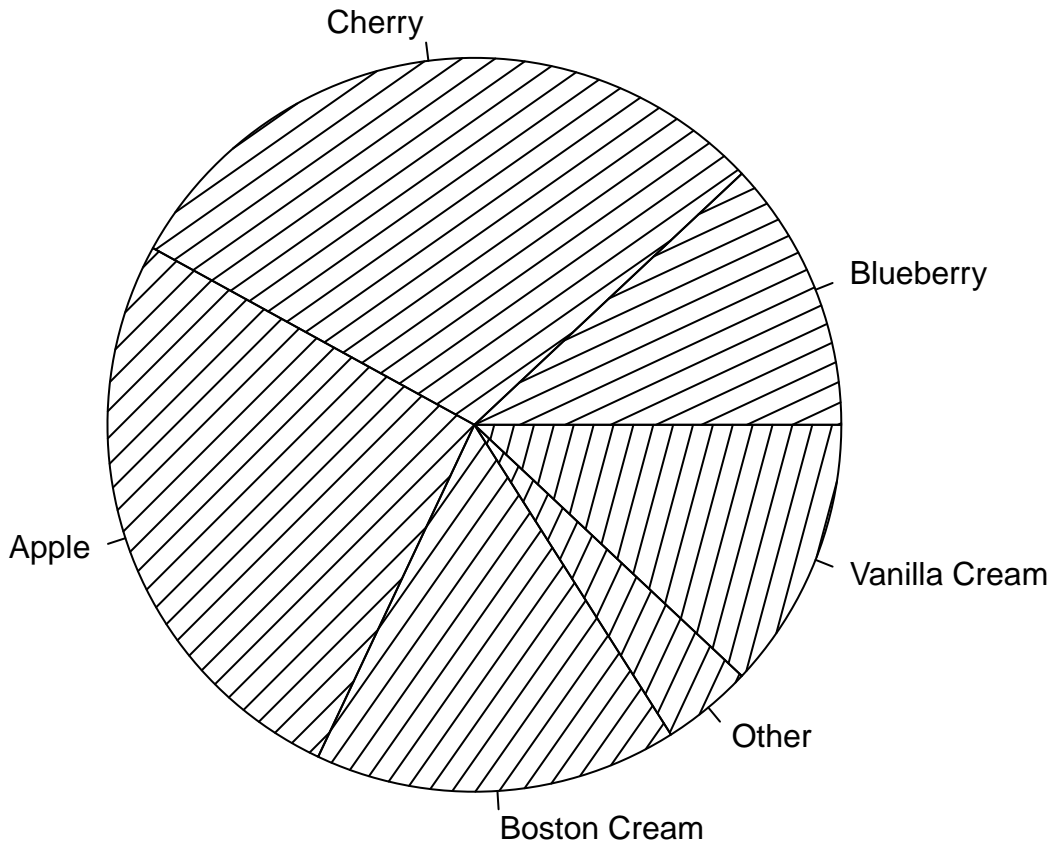


help("pie")



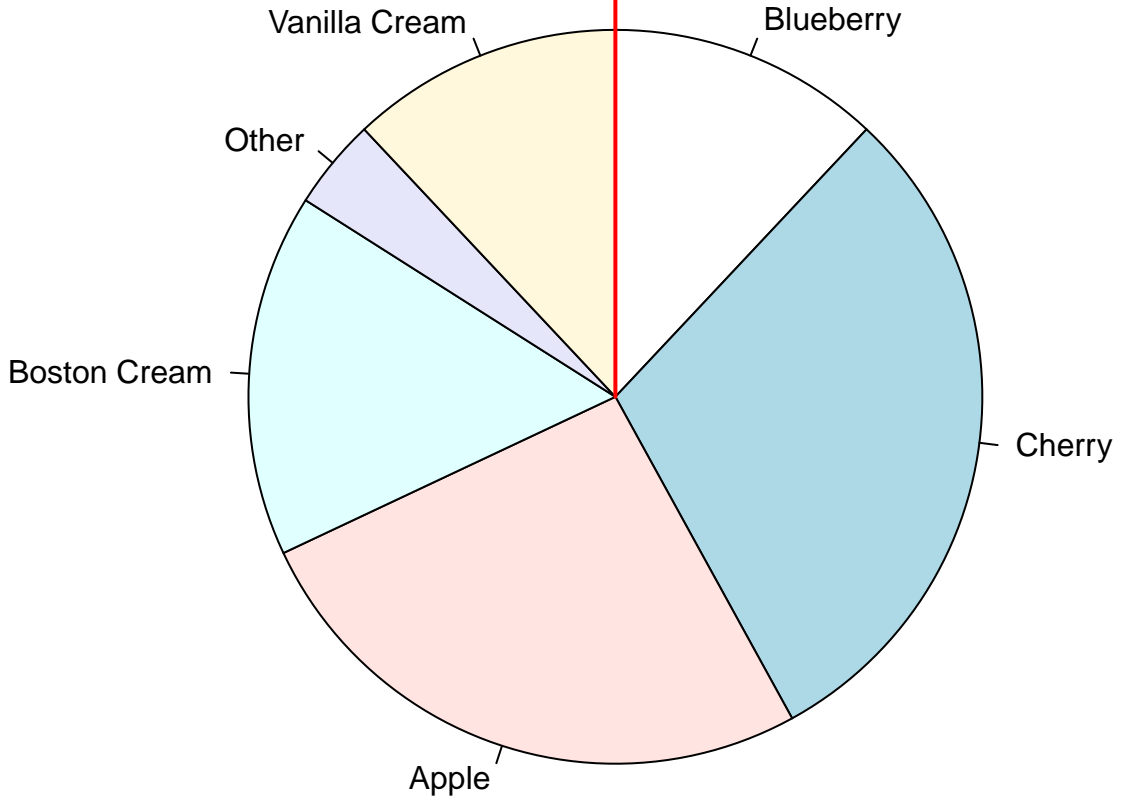






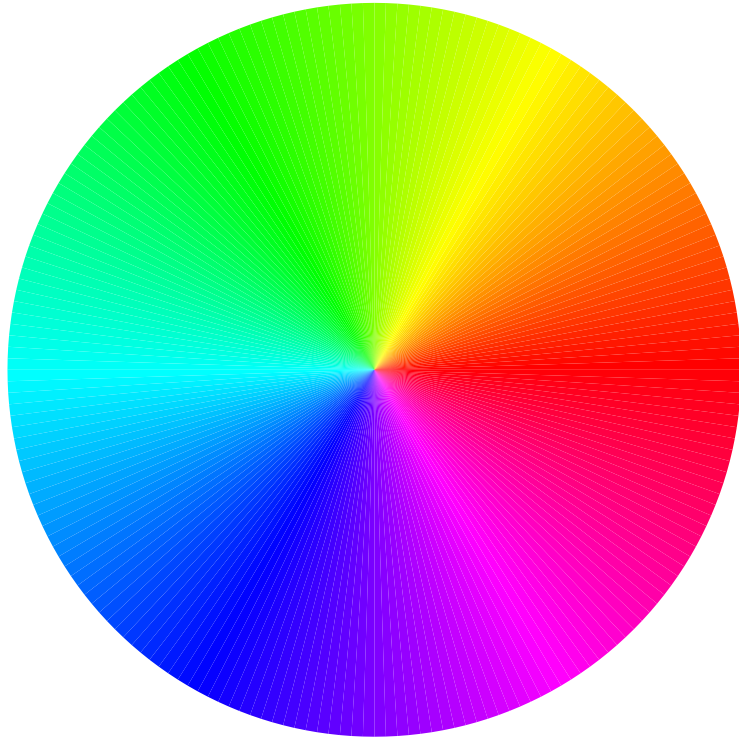
**pie(\*, clockwise = TRUE)**

init.angle = 90

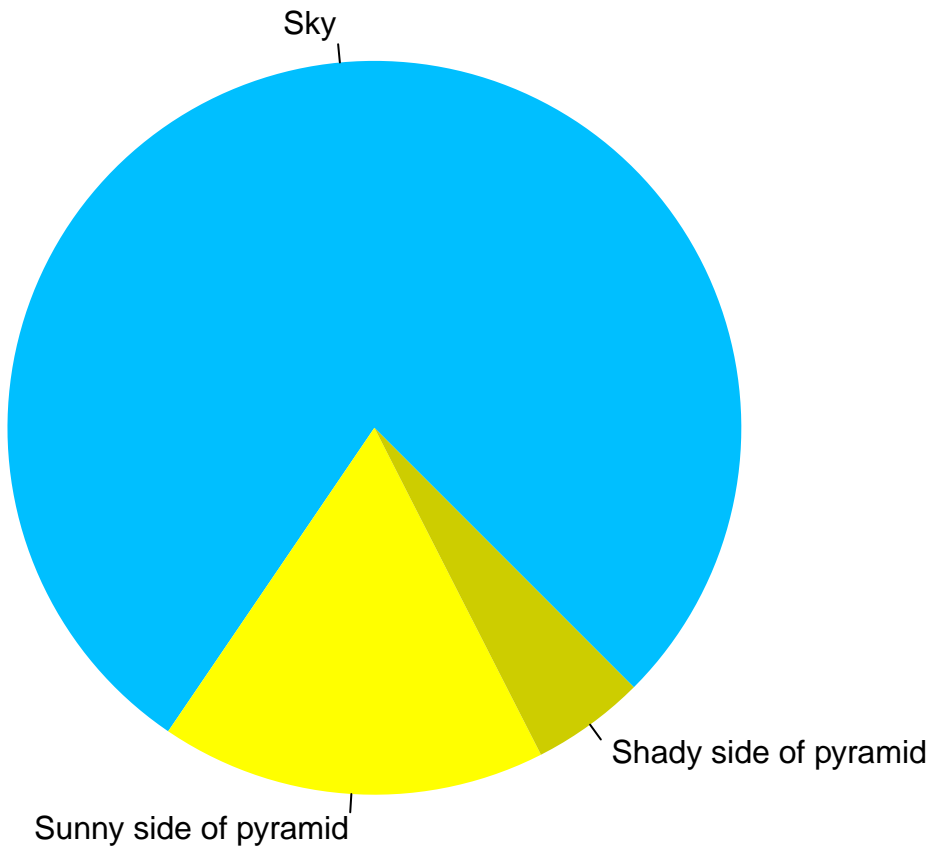


help("pie")

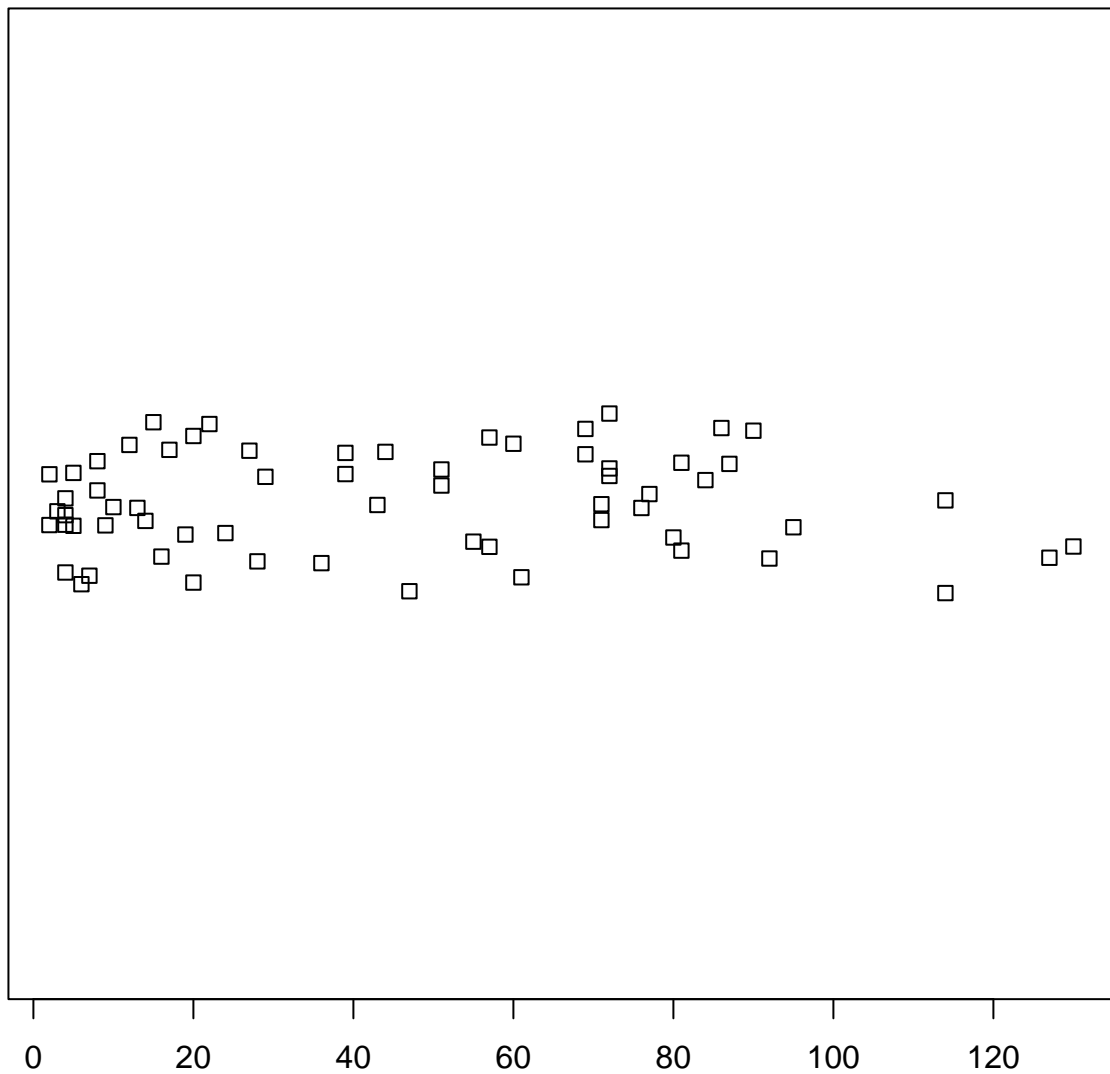
```
pie(*, labels="", col=rainbow(n), border=NA,..
```



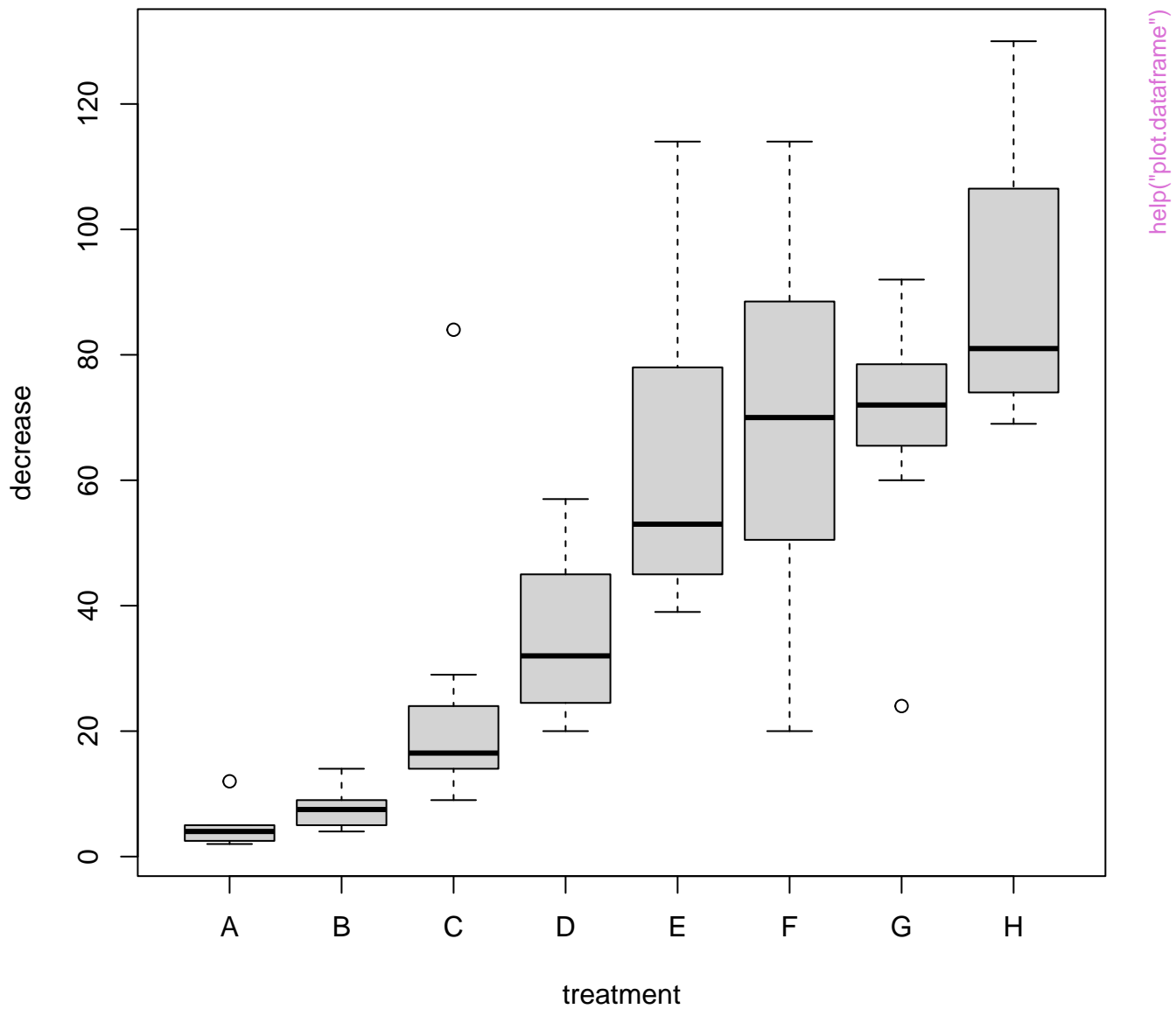
help("pie")

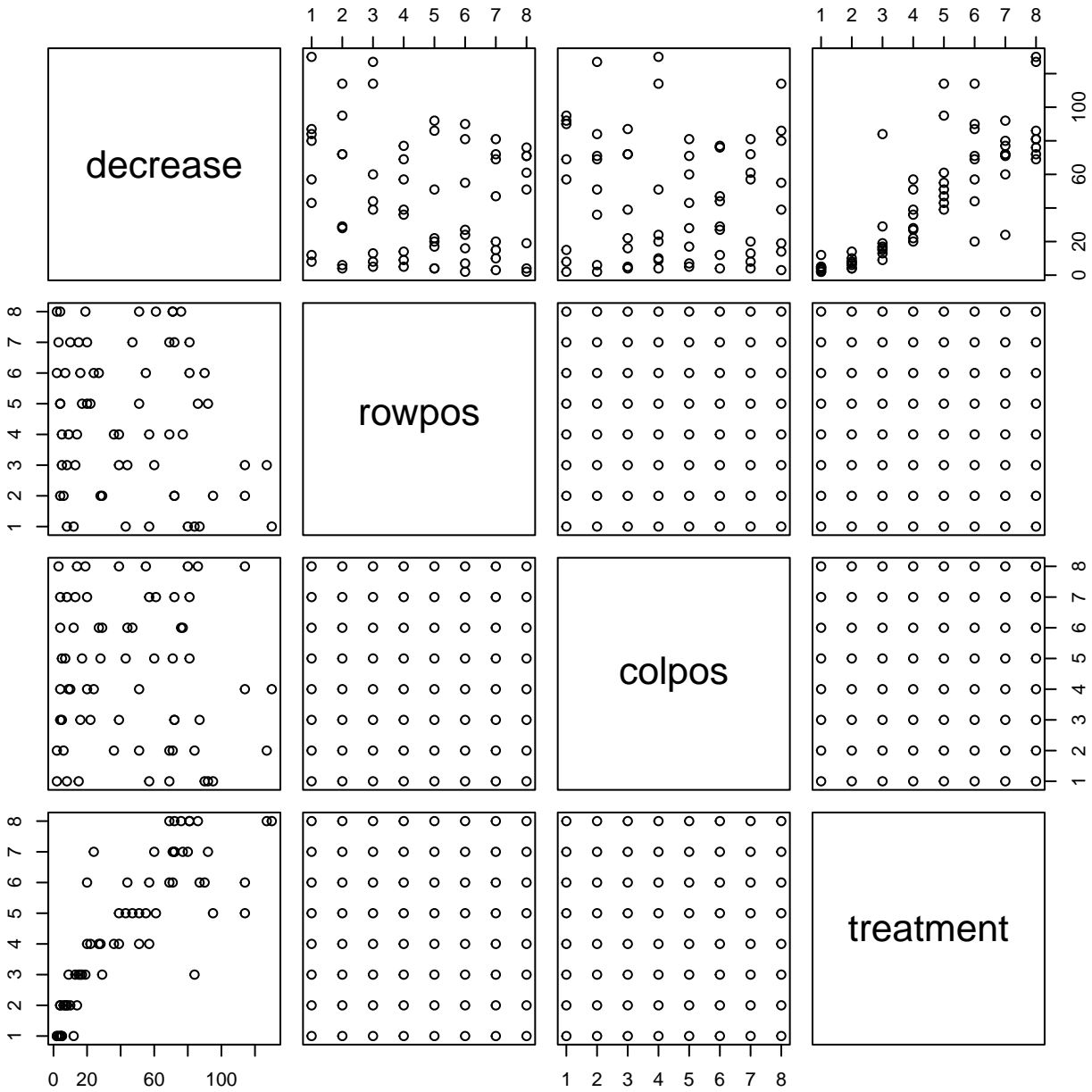




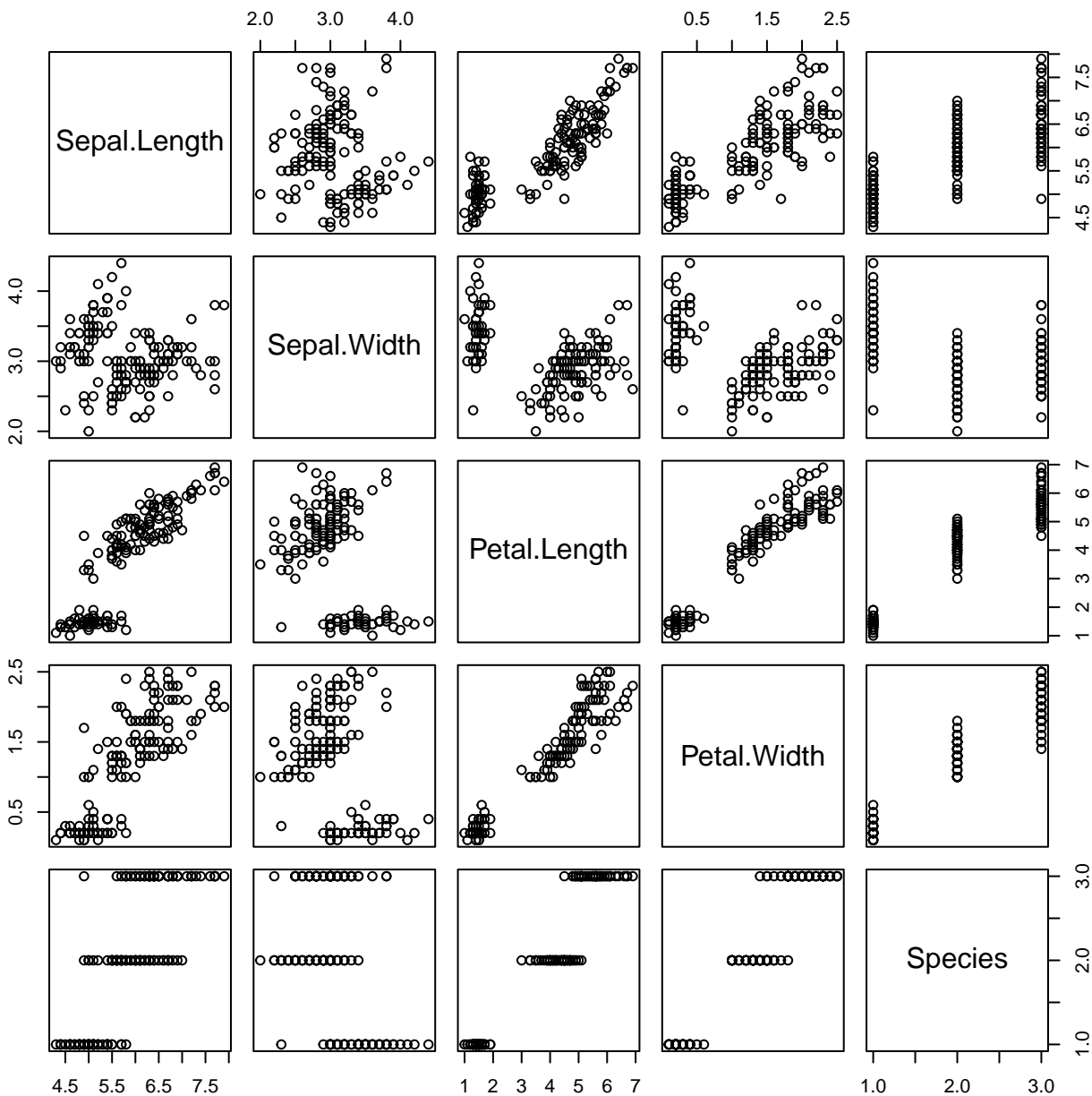


help("plot.dataframe")

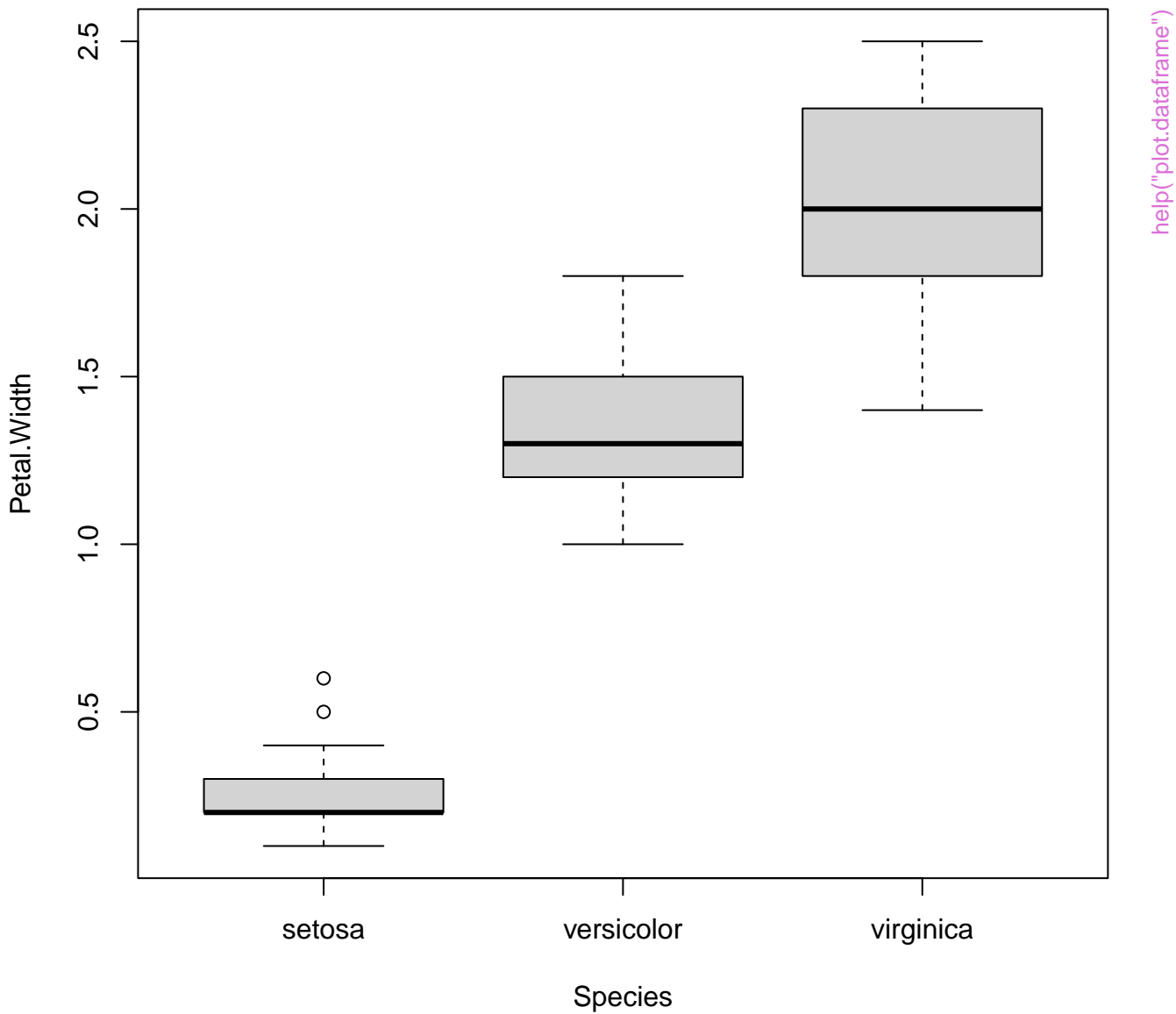


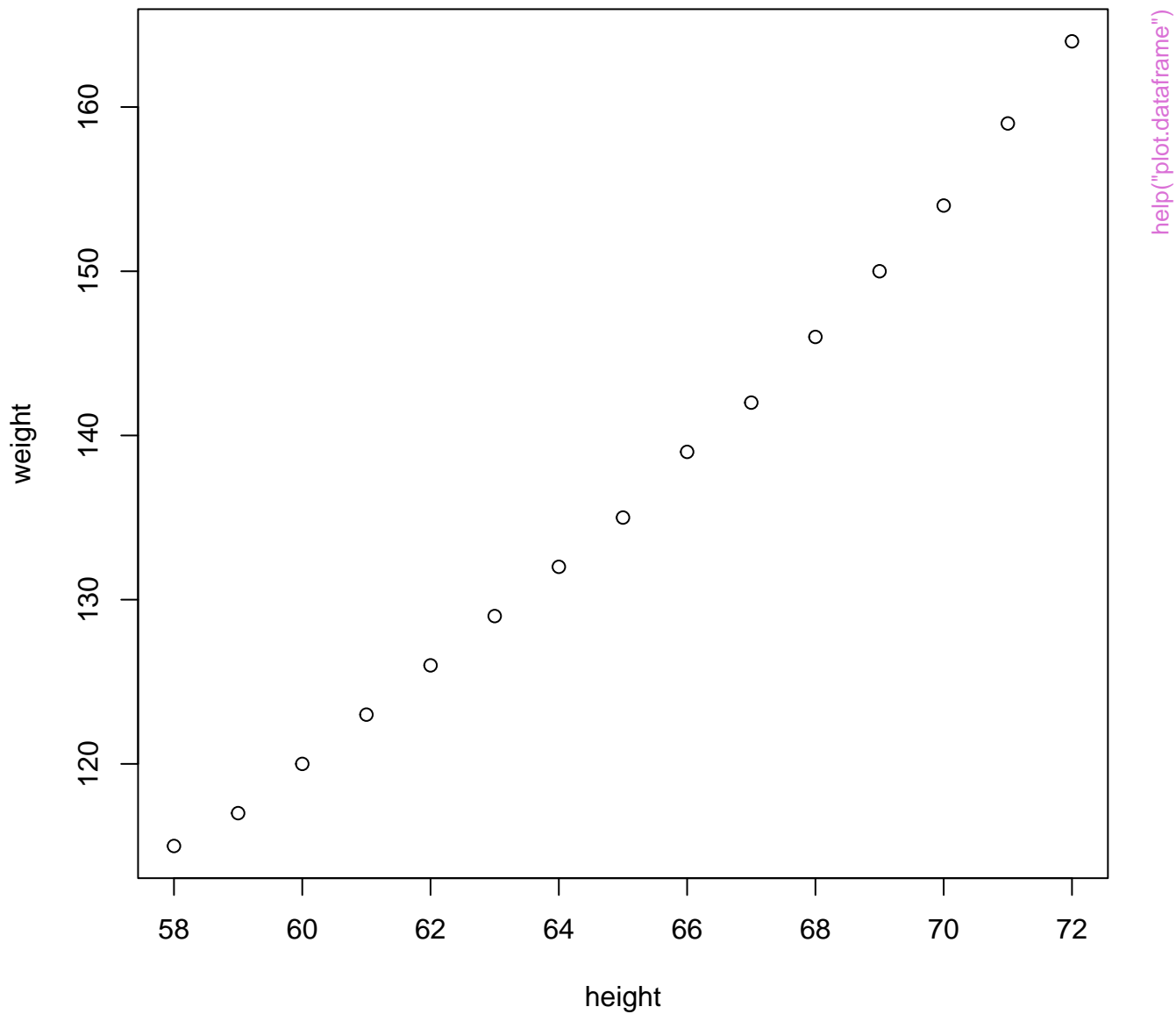


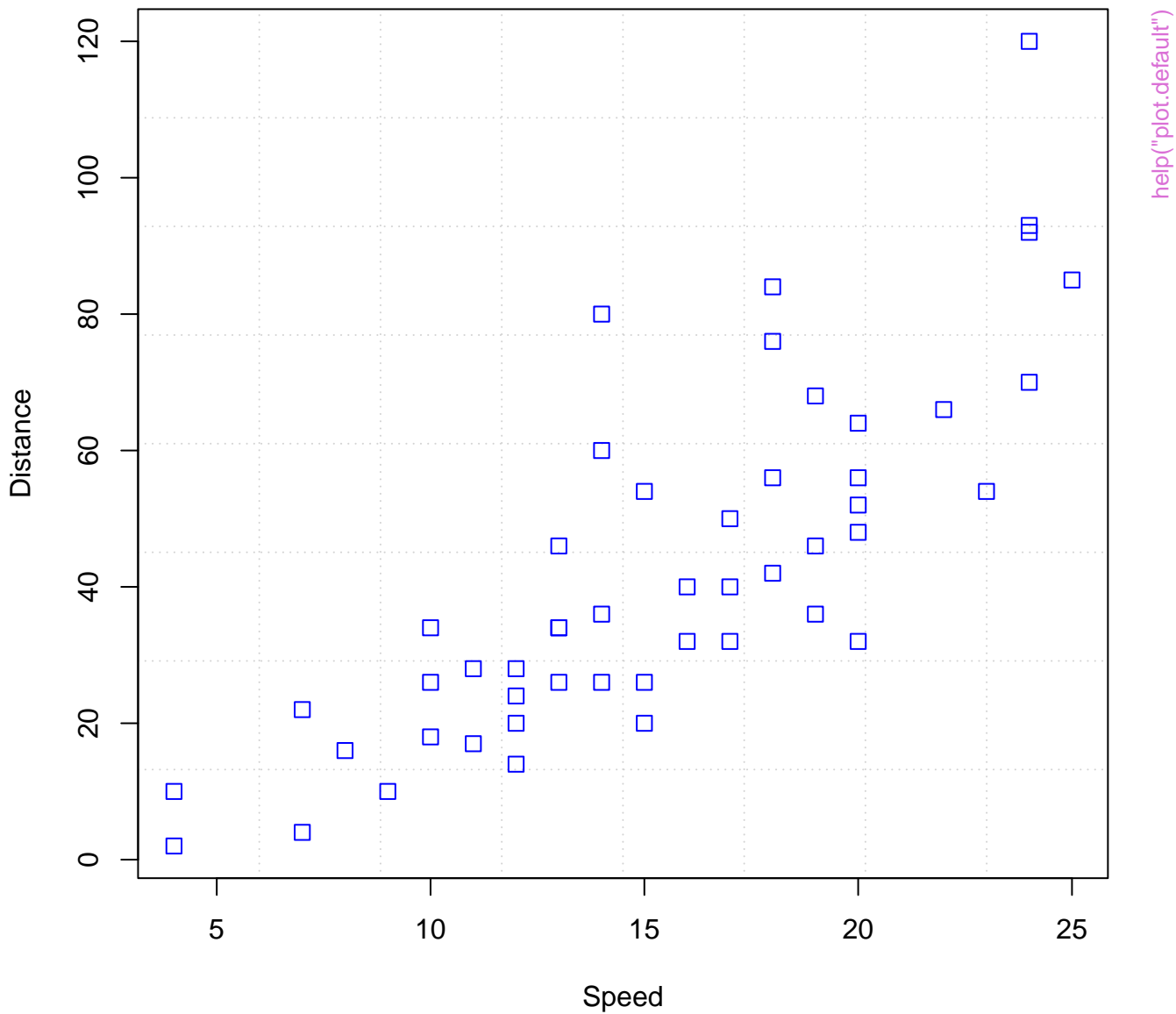
[help\("plot.dataframe"\)](#)

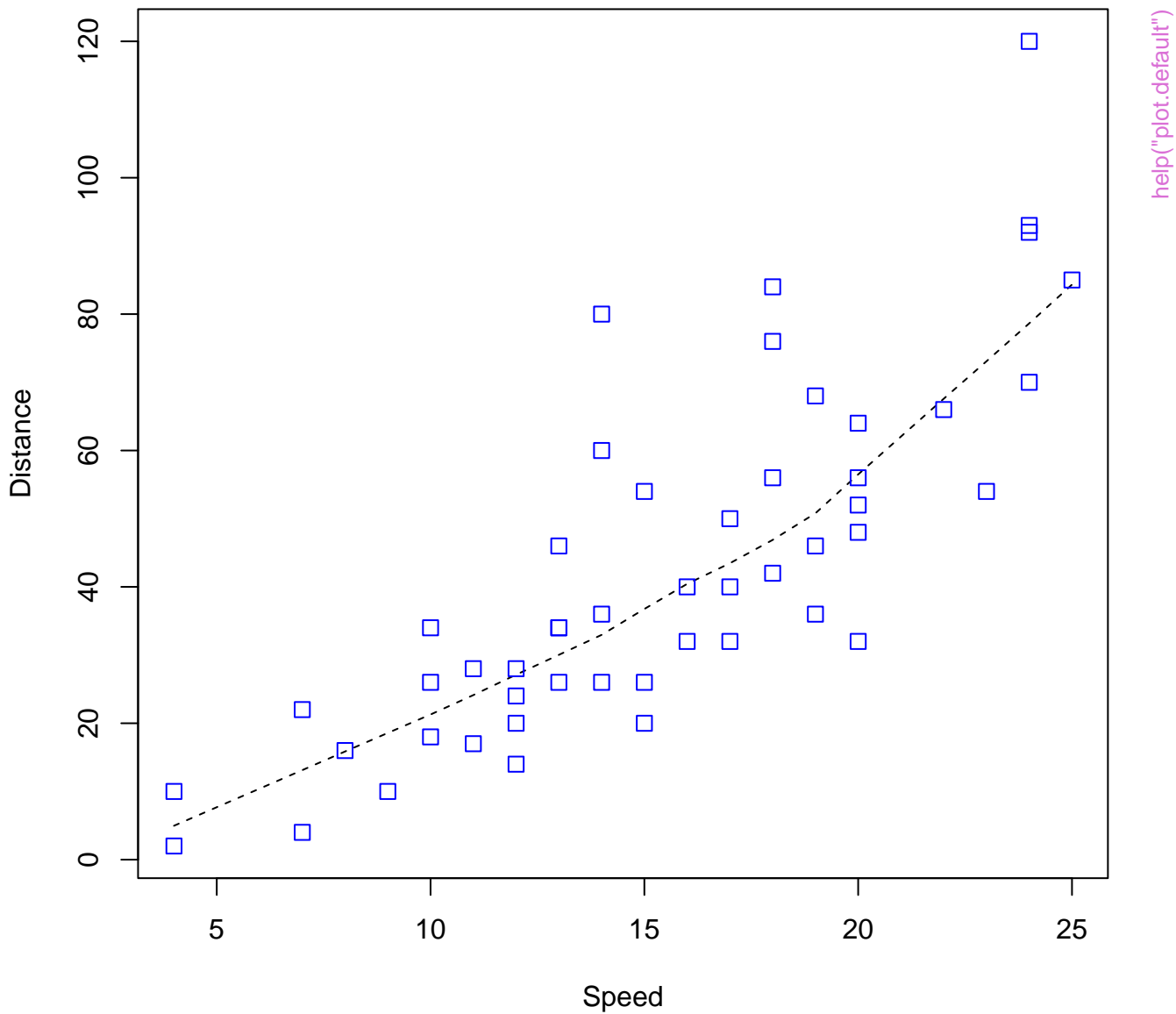


`help("plot.dataframe")`



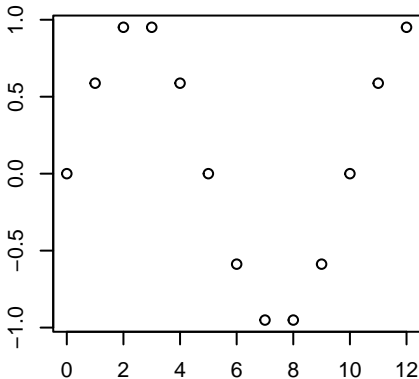




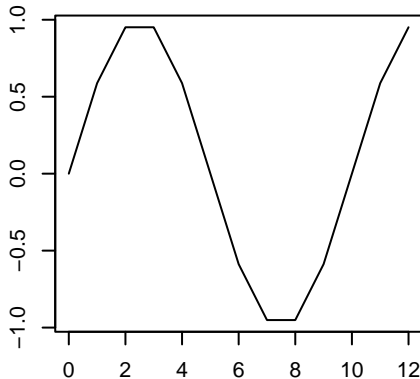




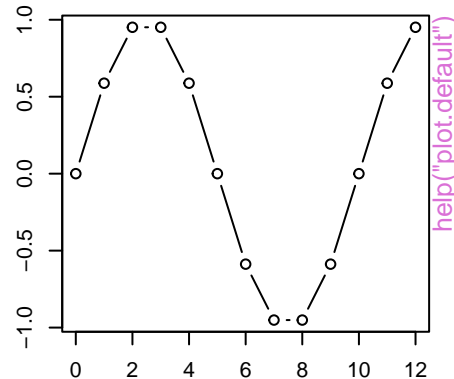
**plot(\*, type = "p")**



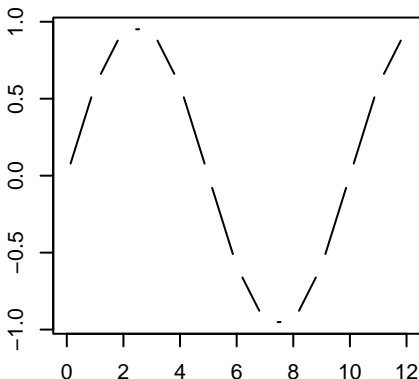
**plot(\*, type = "l")**



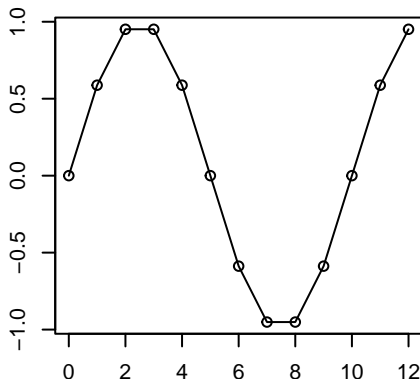
**plot(\*, type = "b")**



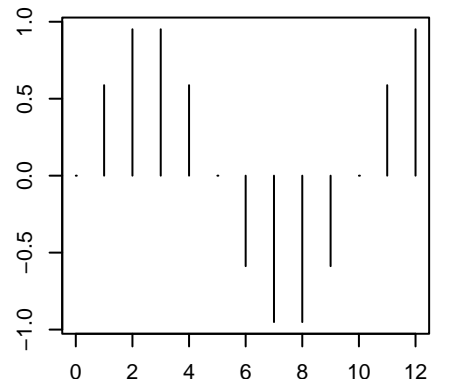
**plot(\*, type = "c")**



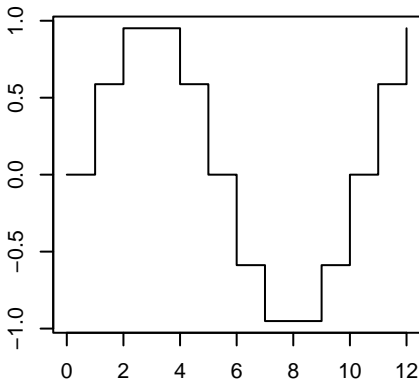
**plot(\*, type = "o")**



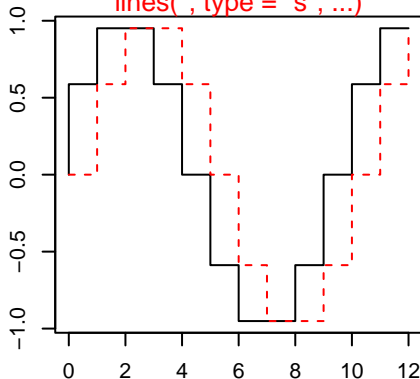
**plot(\*, type = "h")**



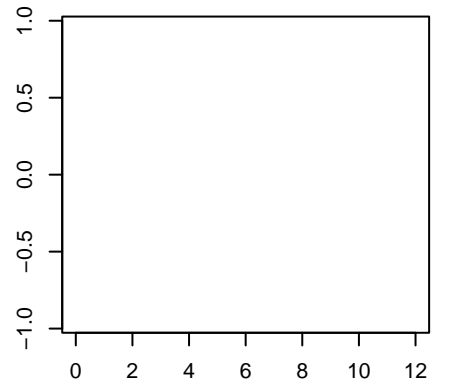
**plot(\*, type = "s")**



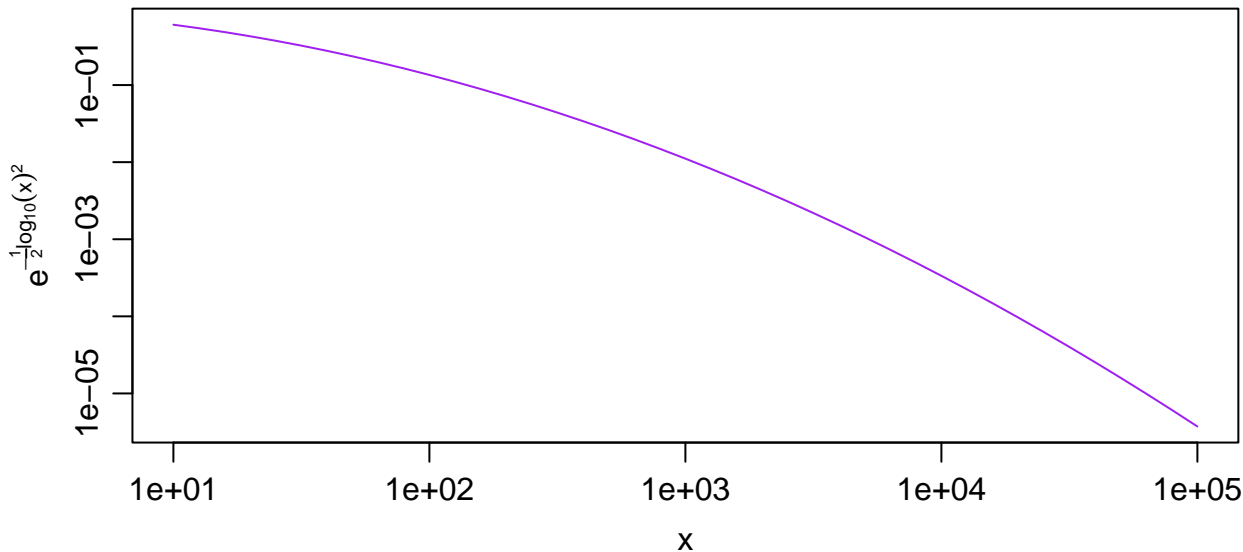
**plot(\*, type = "S")**  
**lines(\*, type = "s", ...)**



**plot(\*, type = "n")**

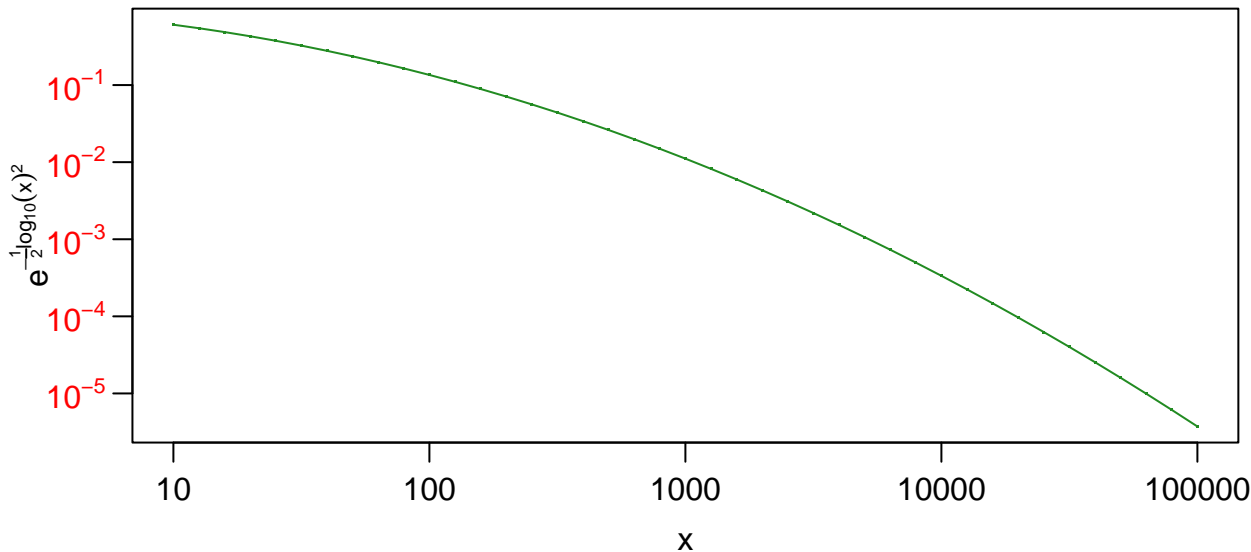


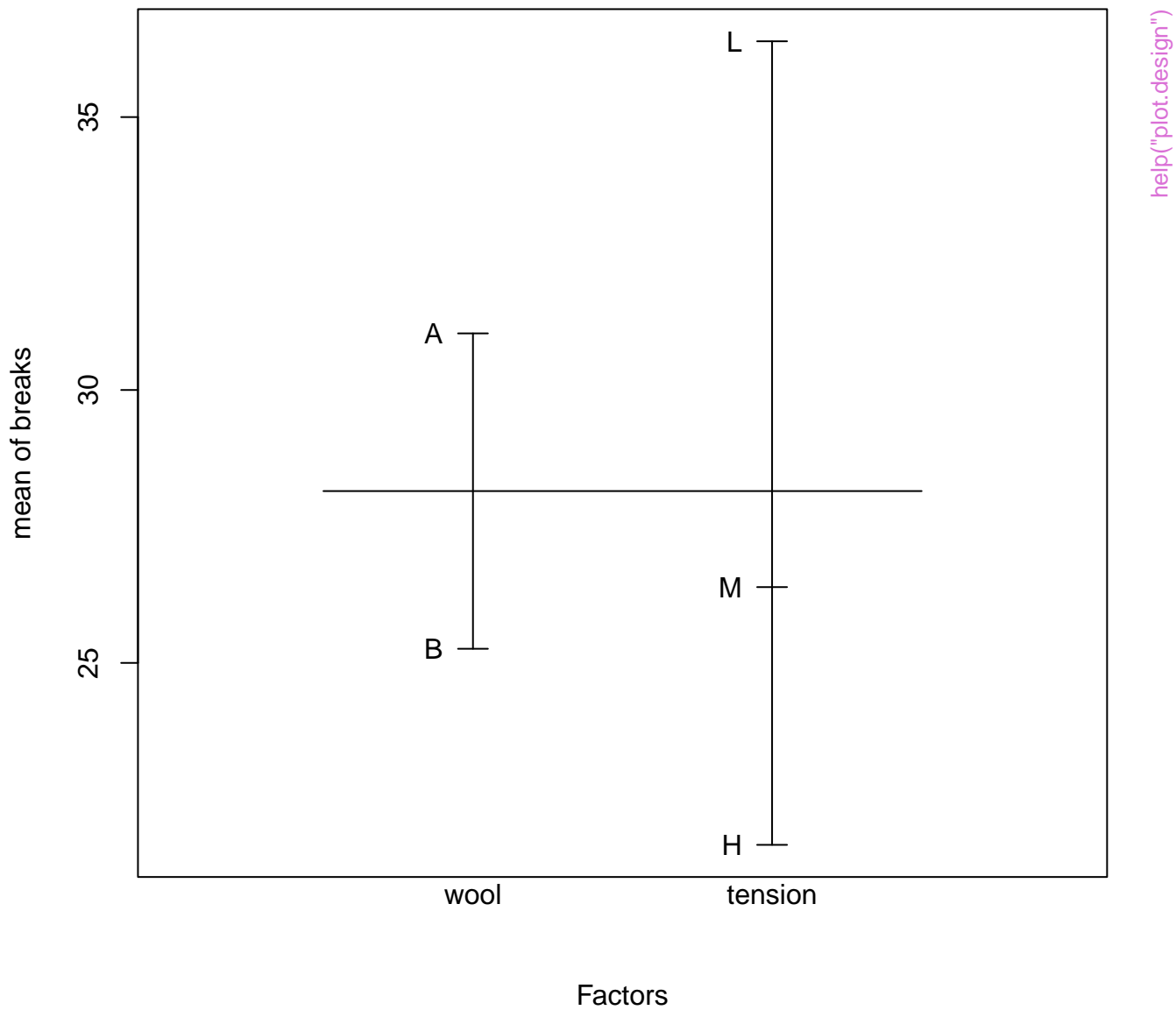
**Log-Log plot**

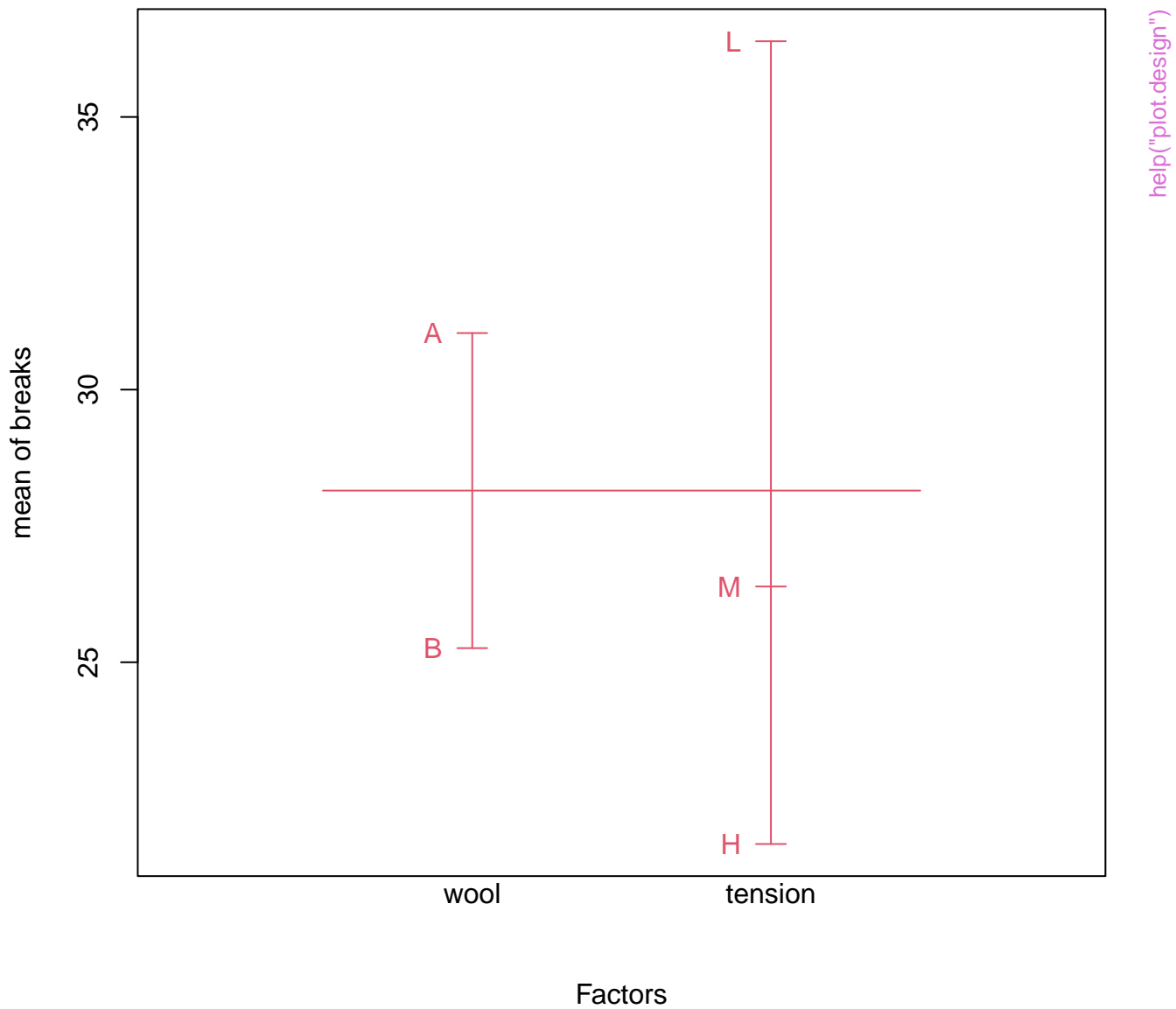


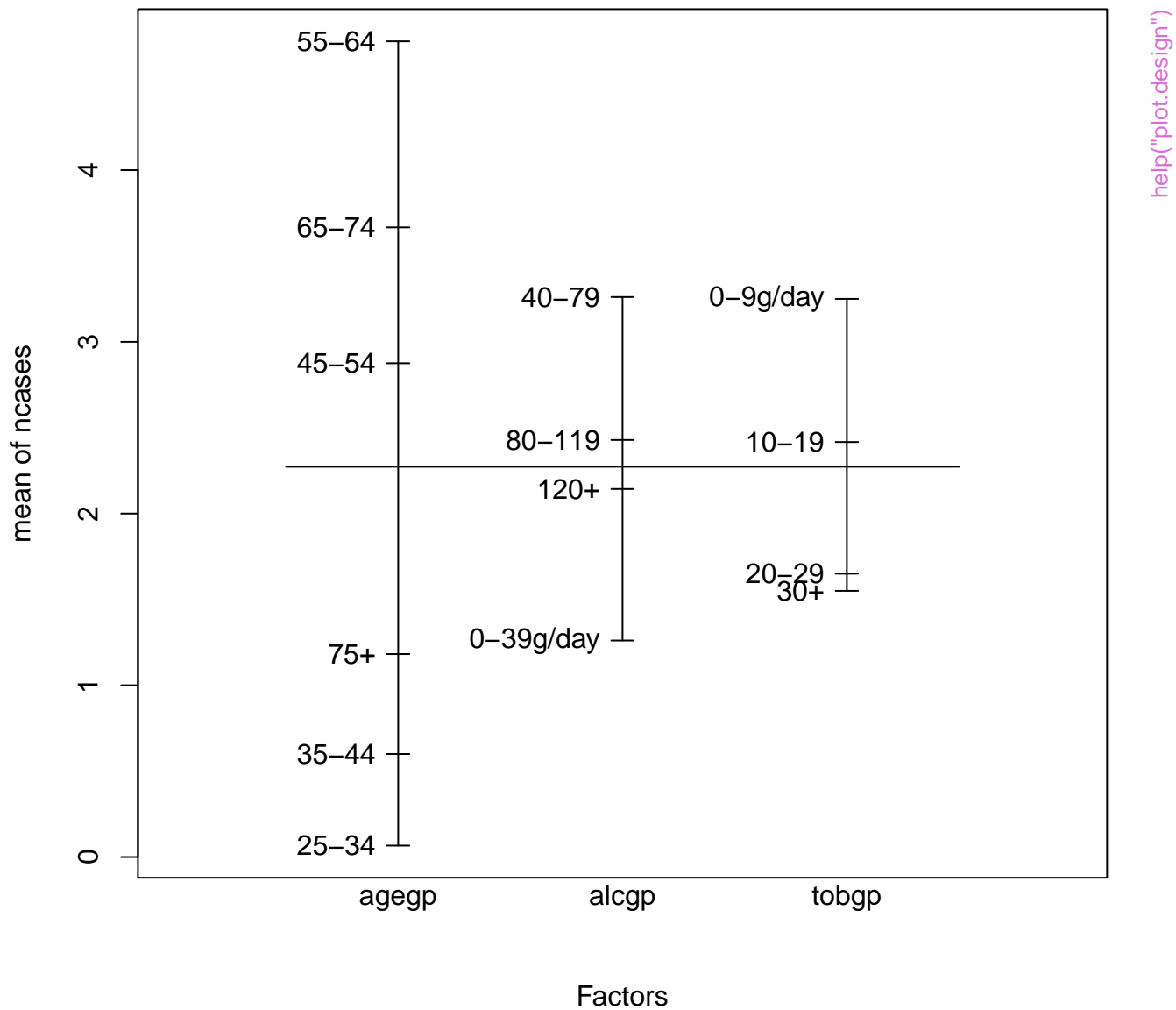
help("plot.default")

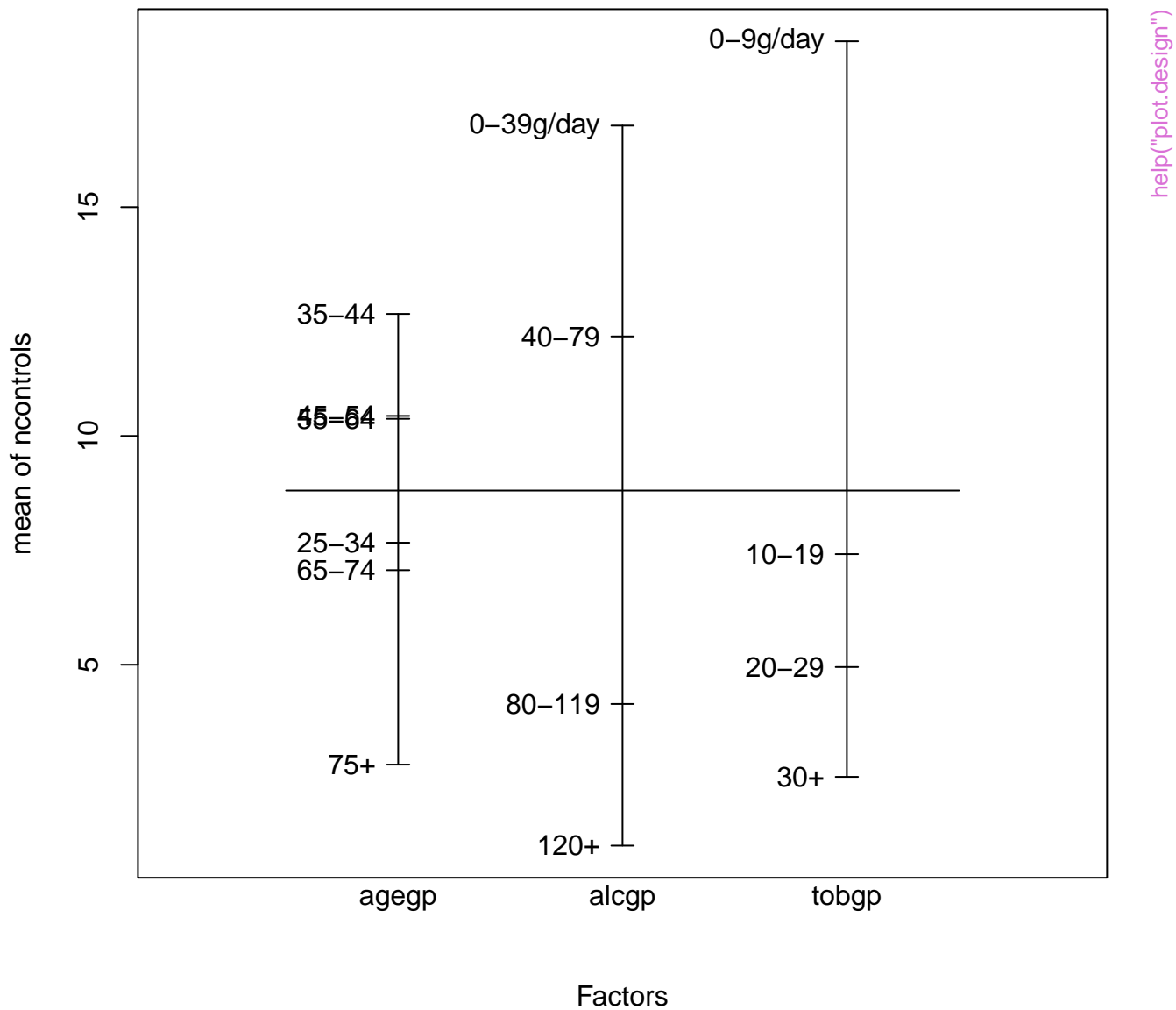
**Log-Log plot with custom axes**

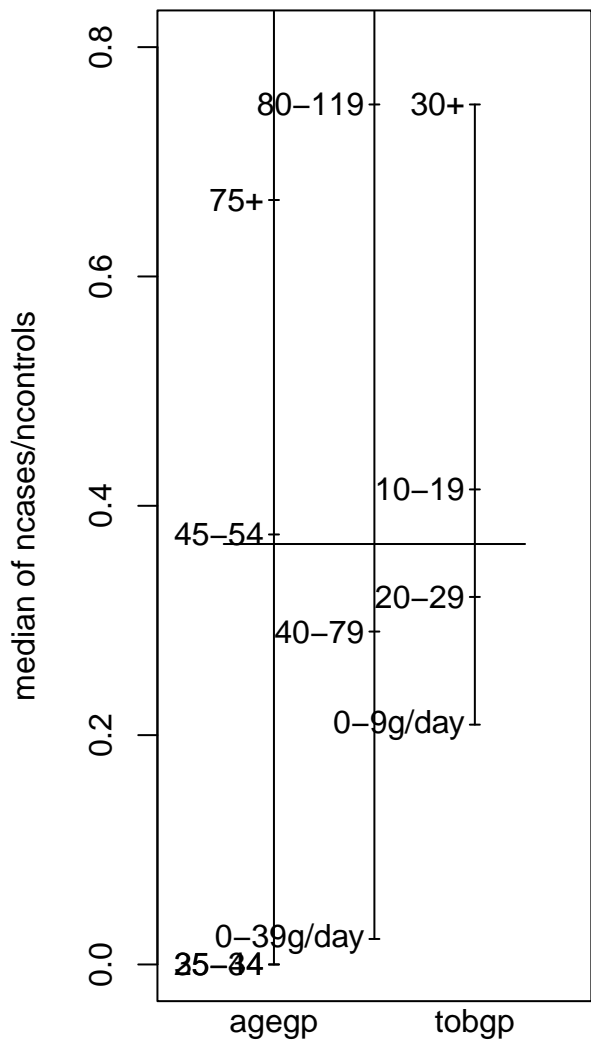
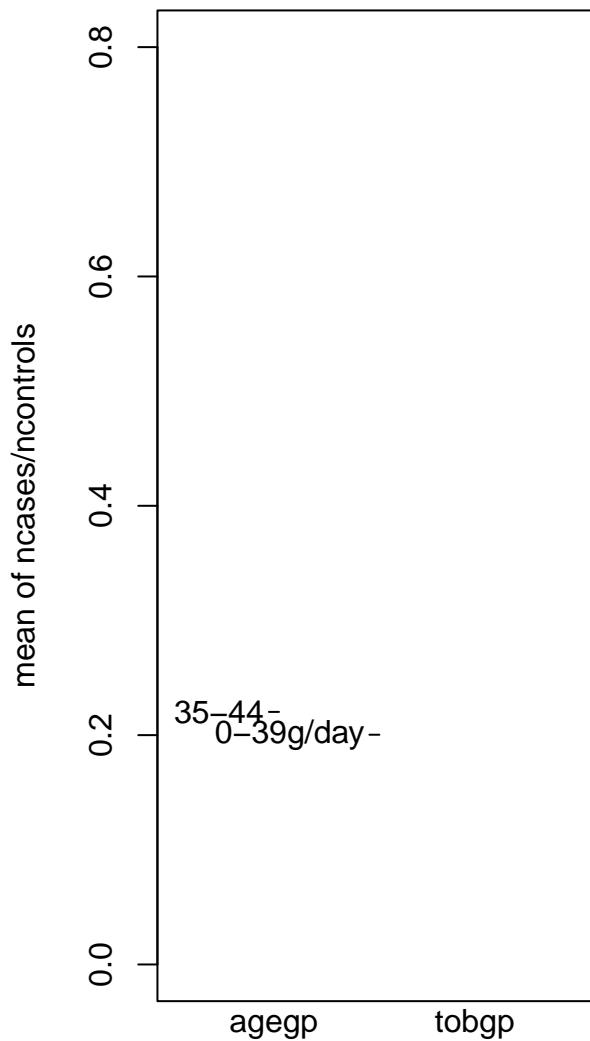




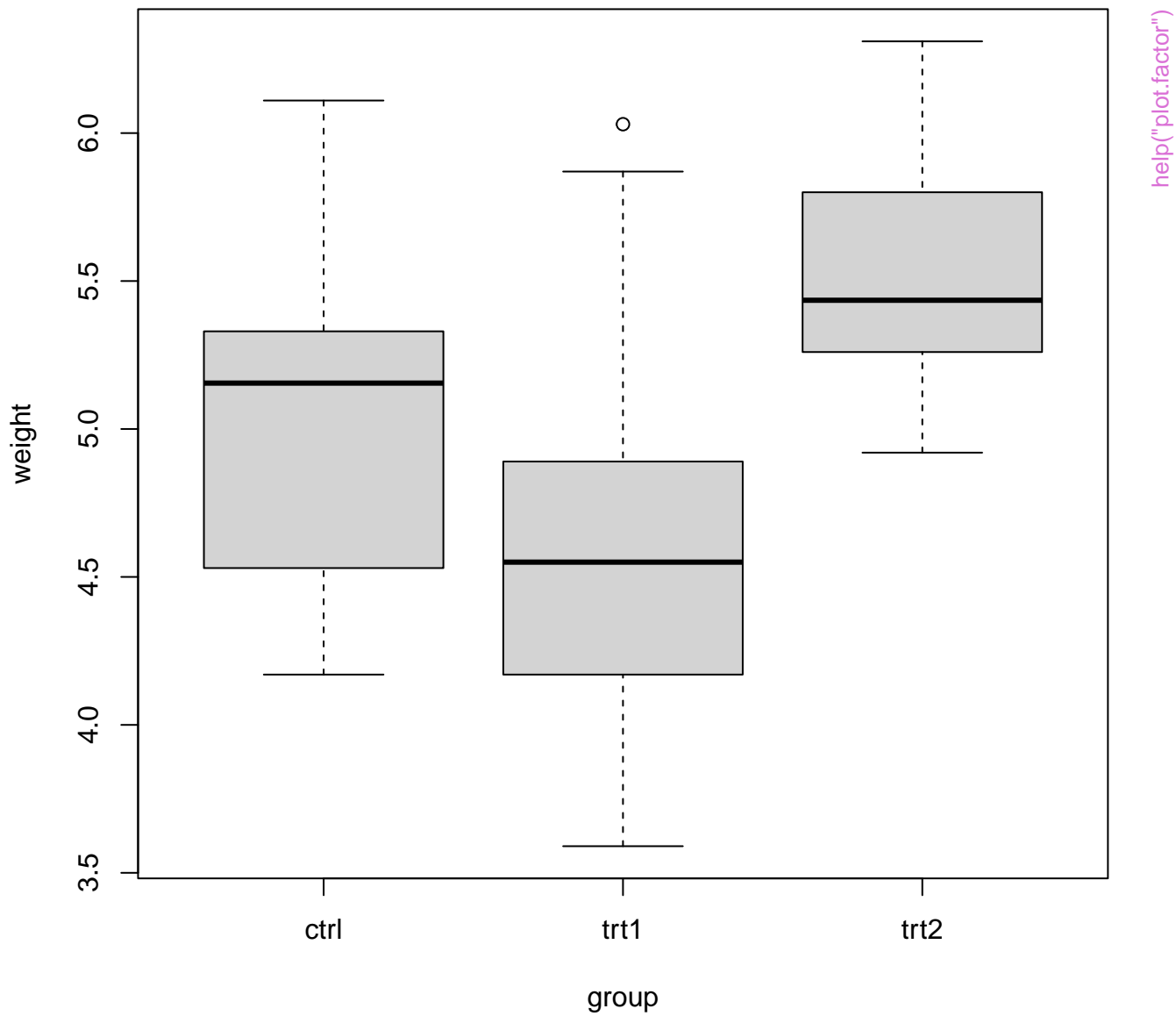




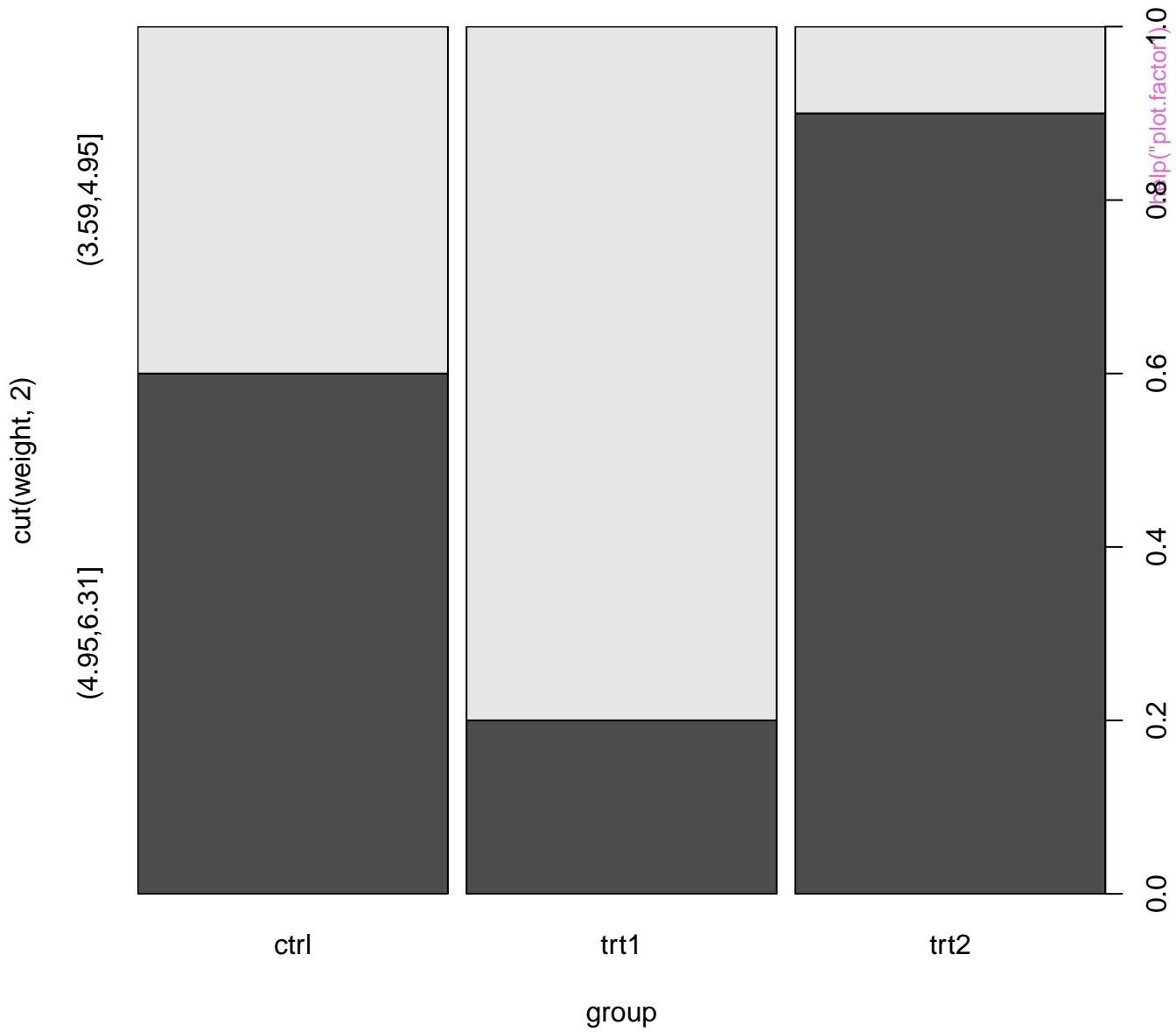


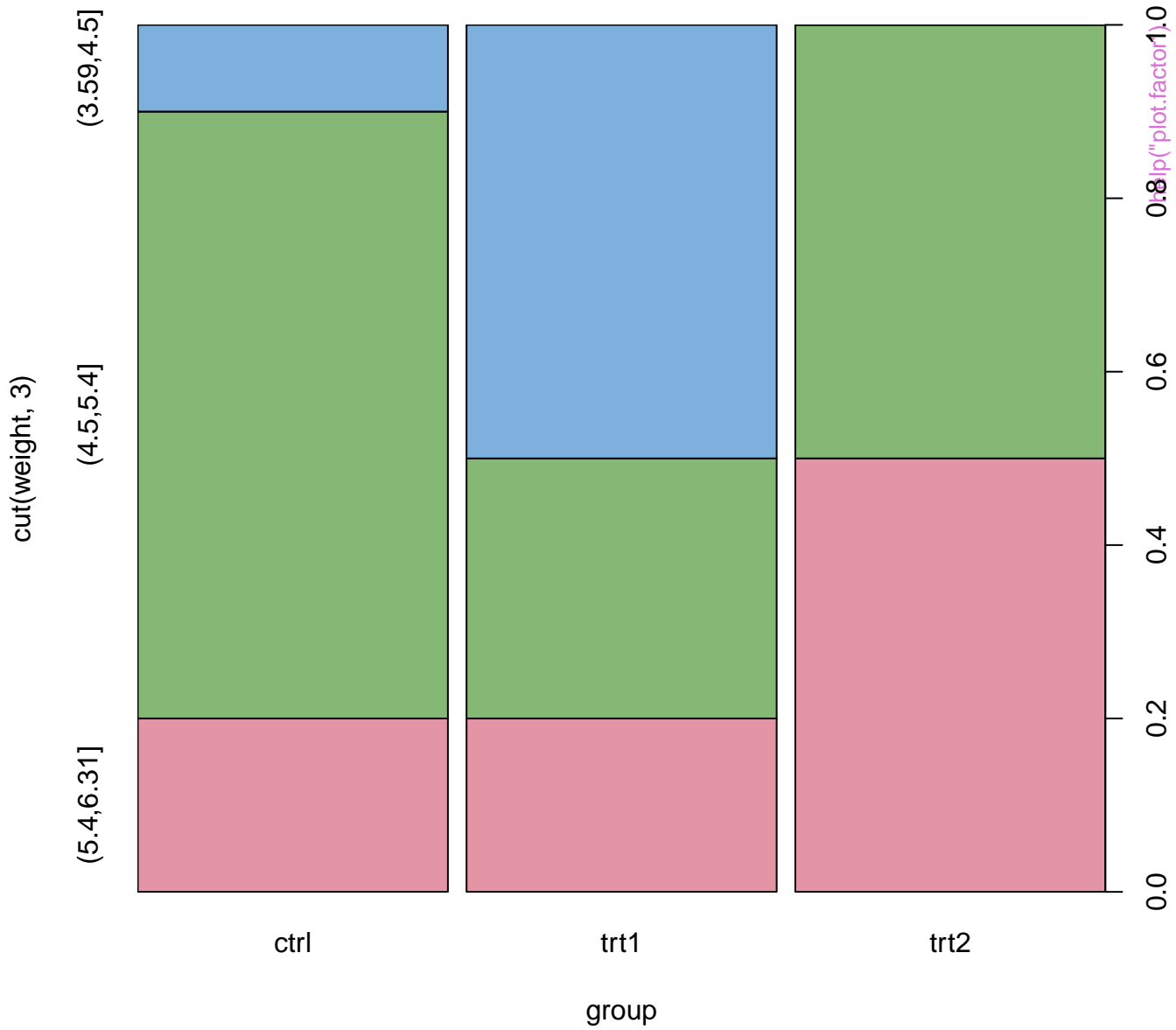


help("plot.design")

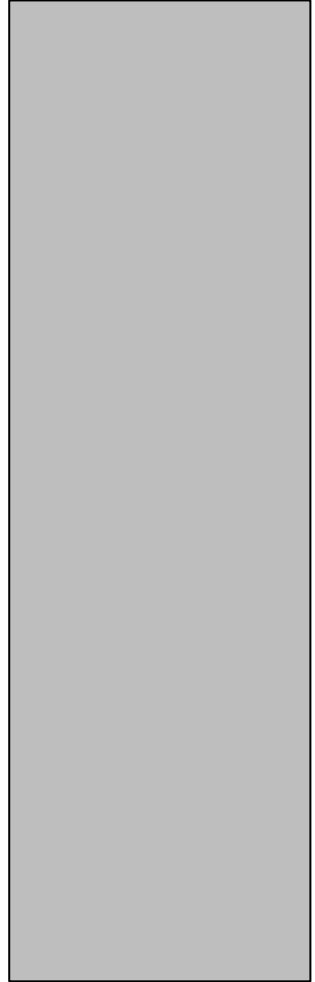
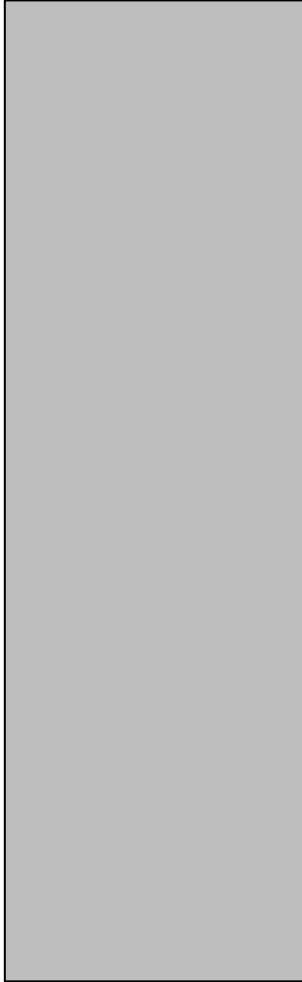




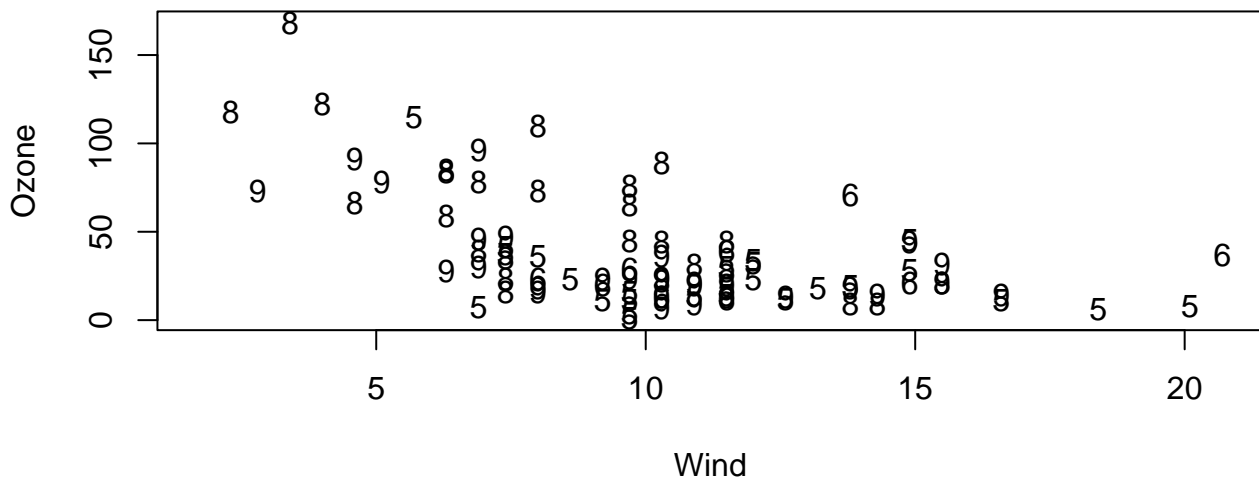
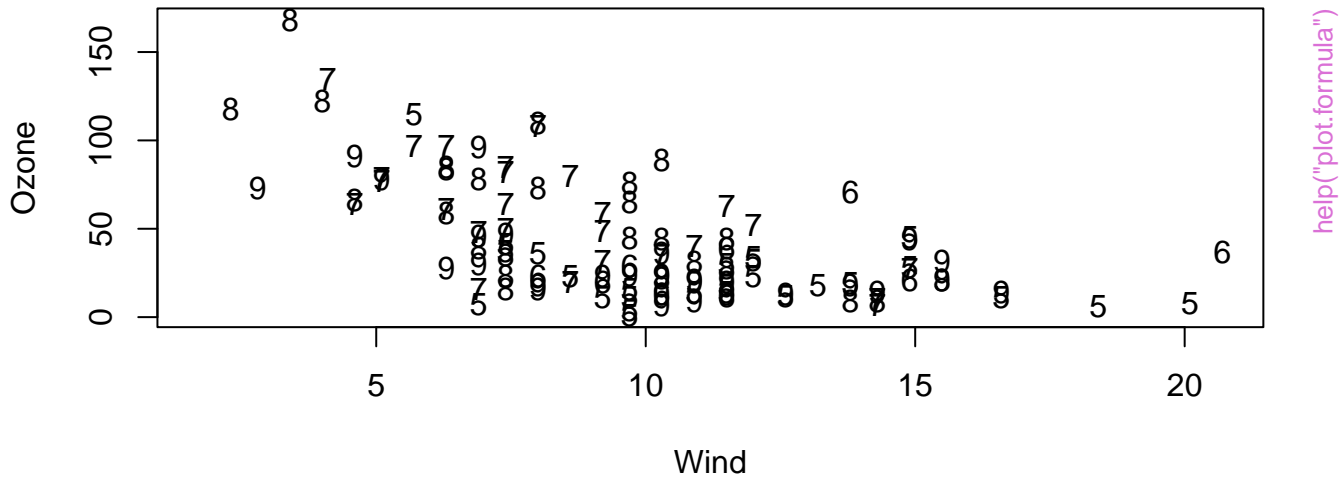


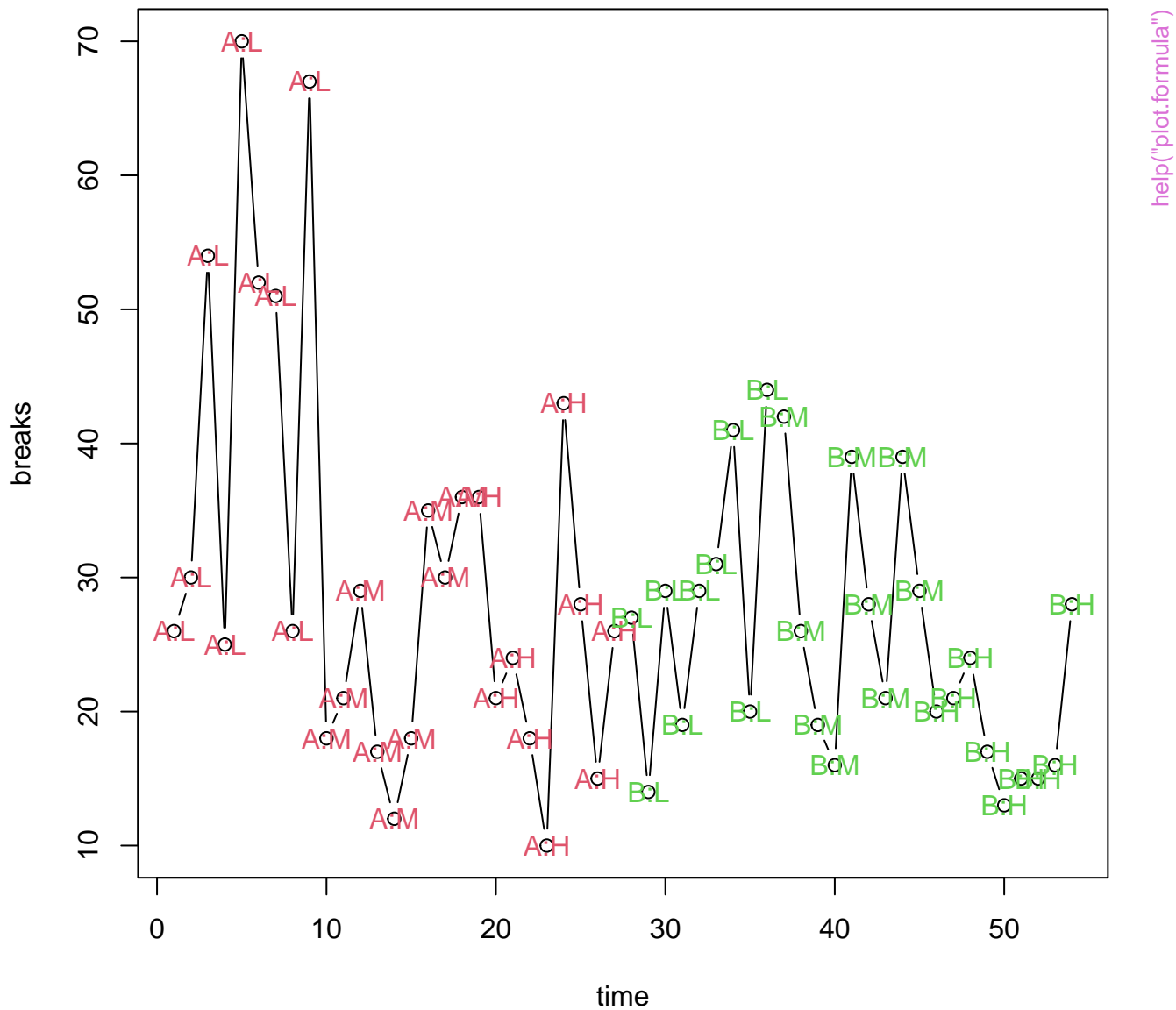


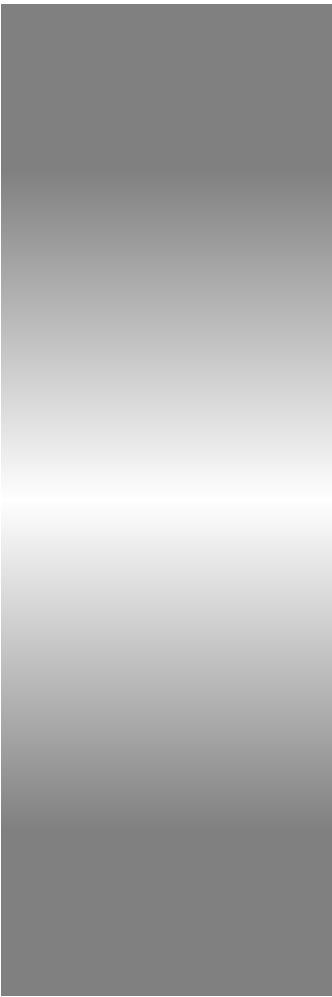
**no axes**



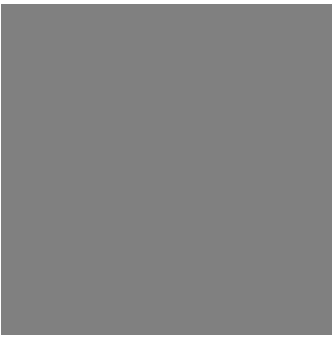
`help("plot.factor")`







help("plot.raster")



`help("plot.raster")`



`help("plot.raster")`

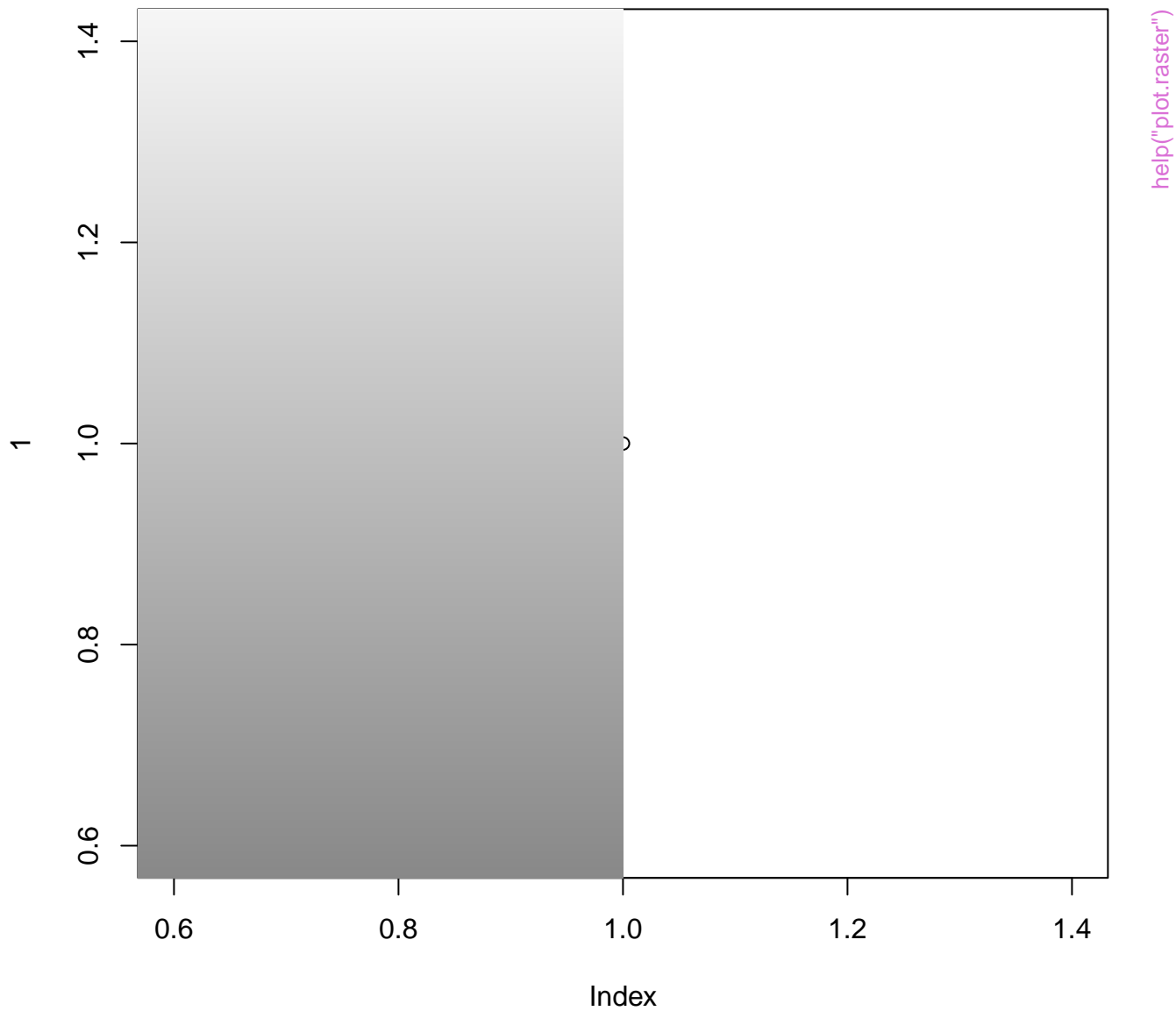




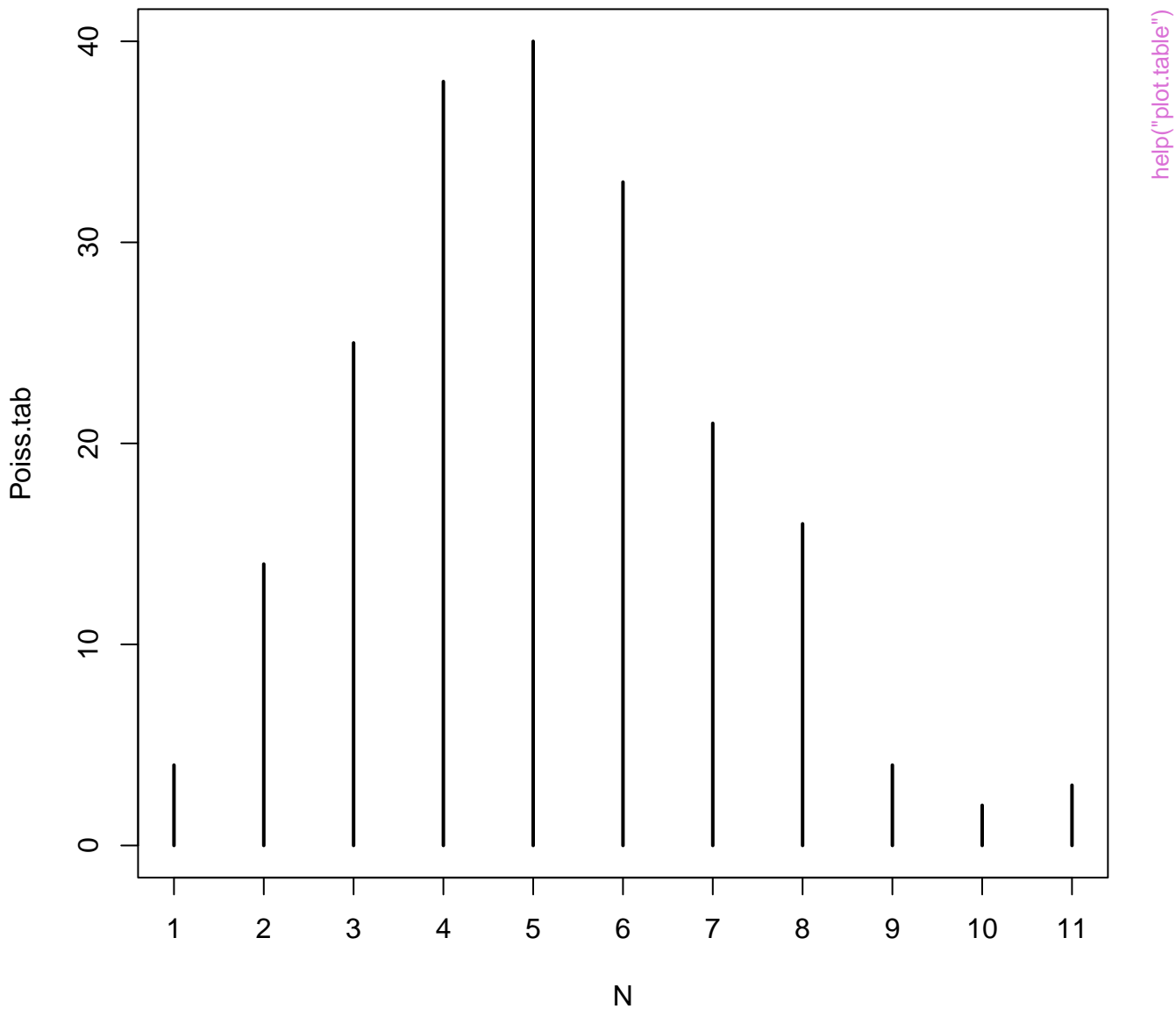
**This is my raster**

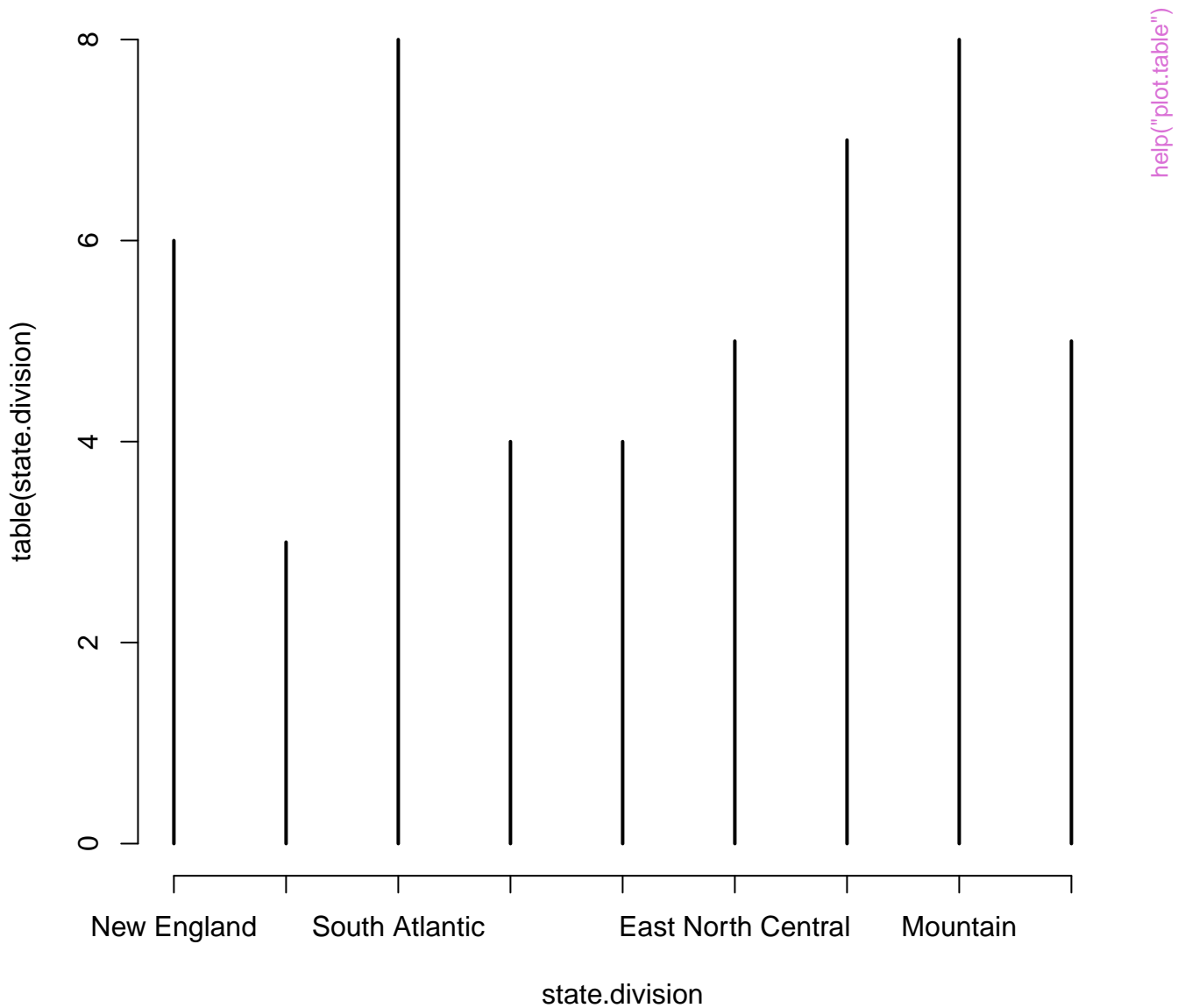


`help("plot.raster")`

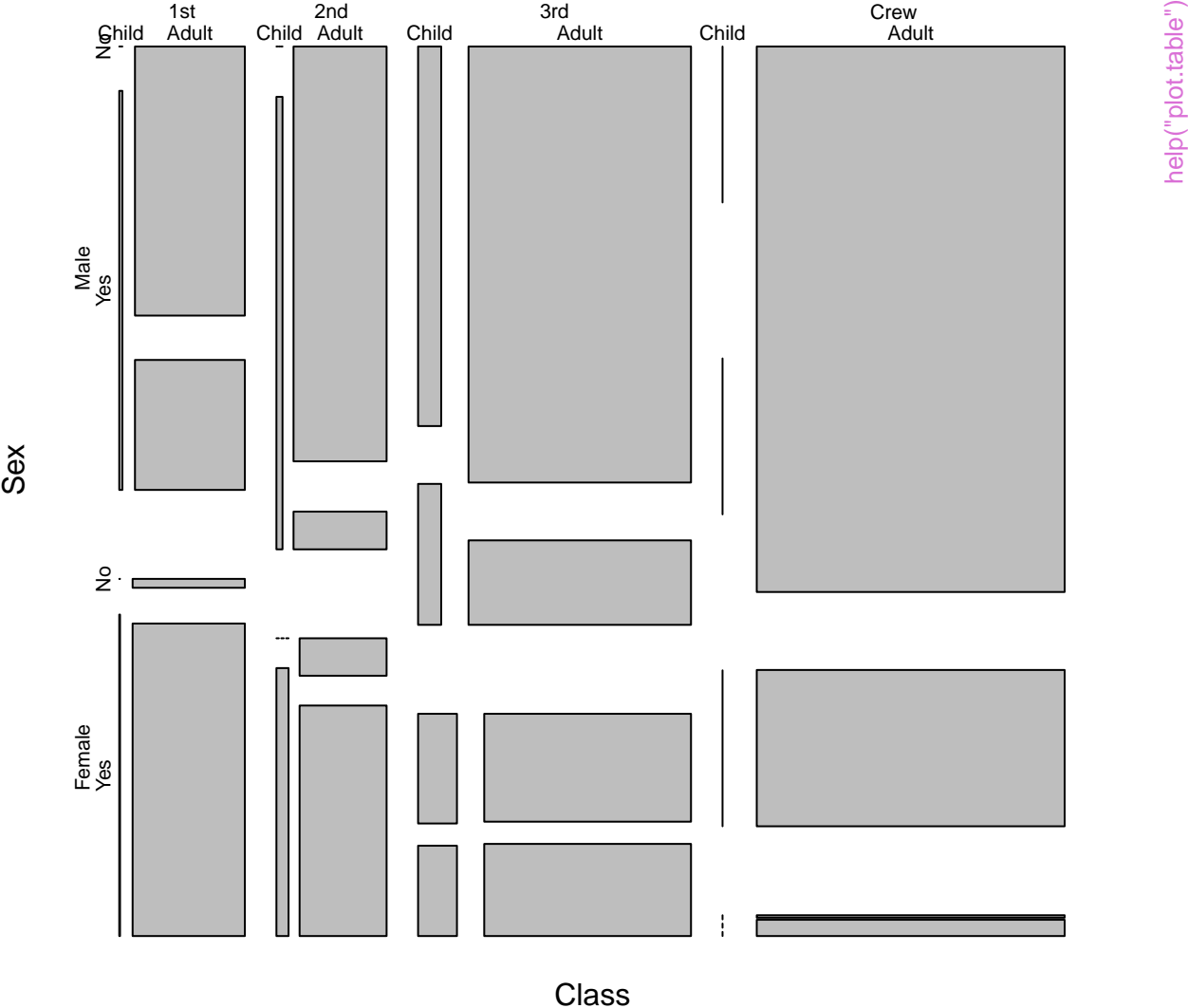


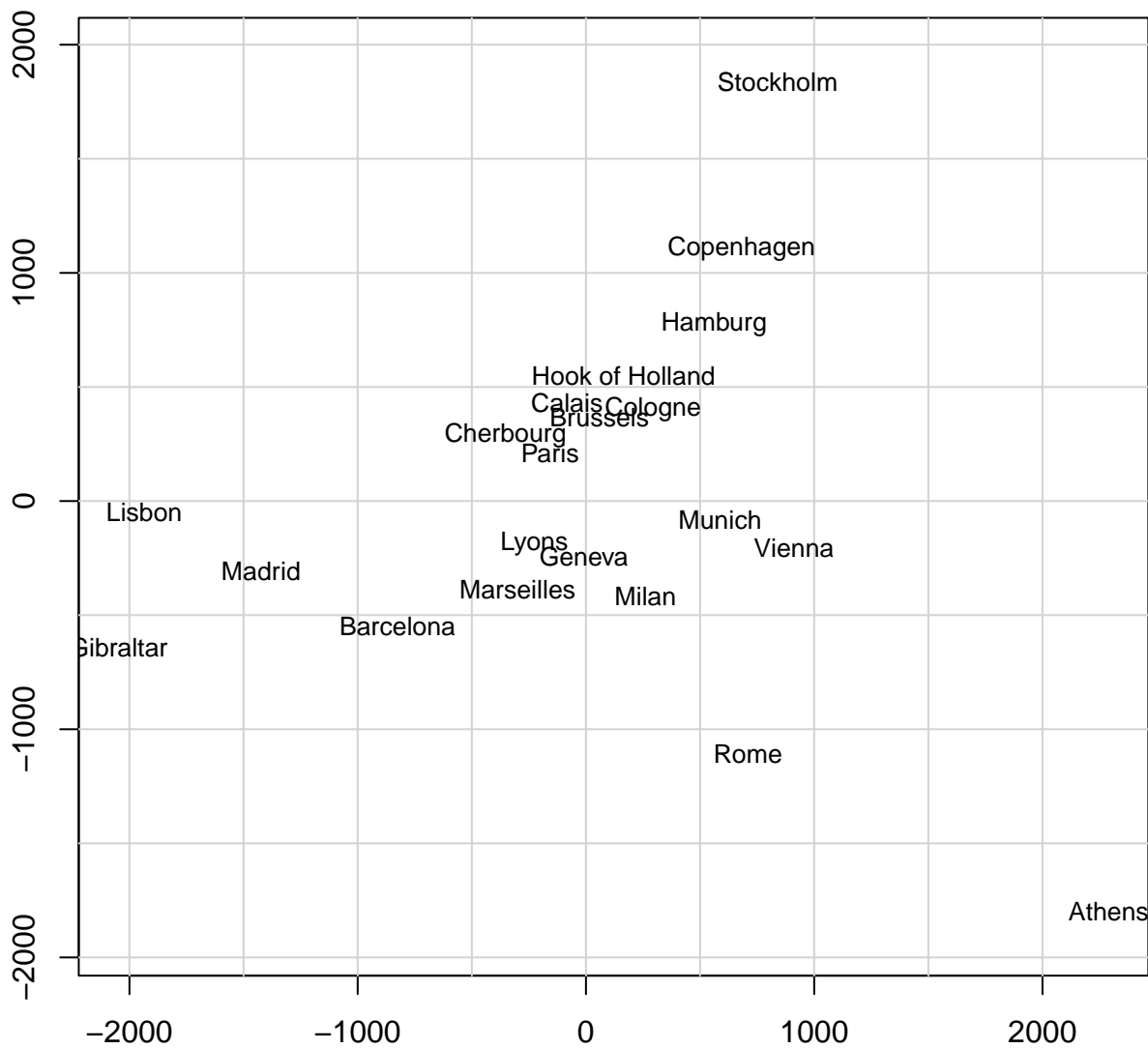
`plot(table(rpois(200, lambda = 5)))`





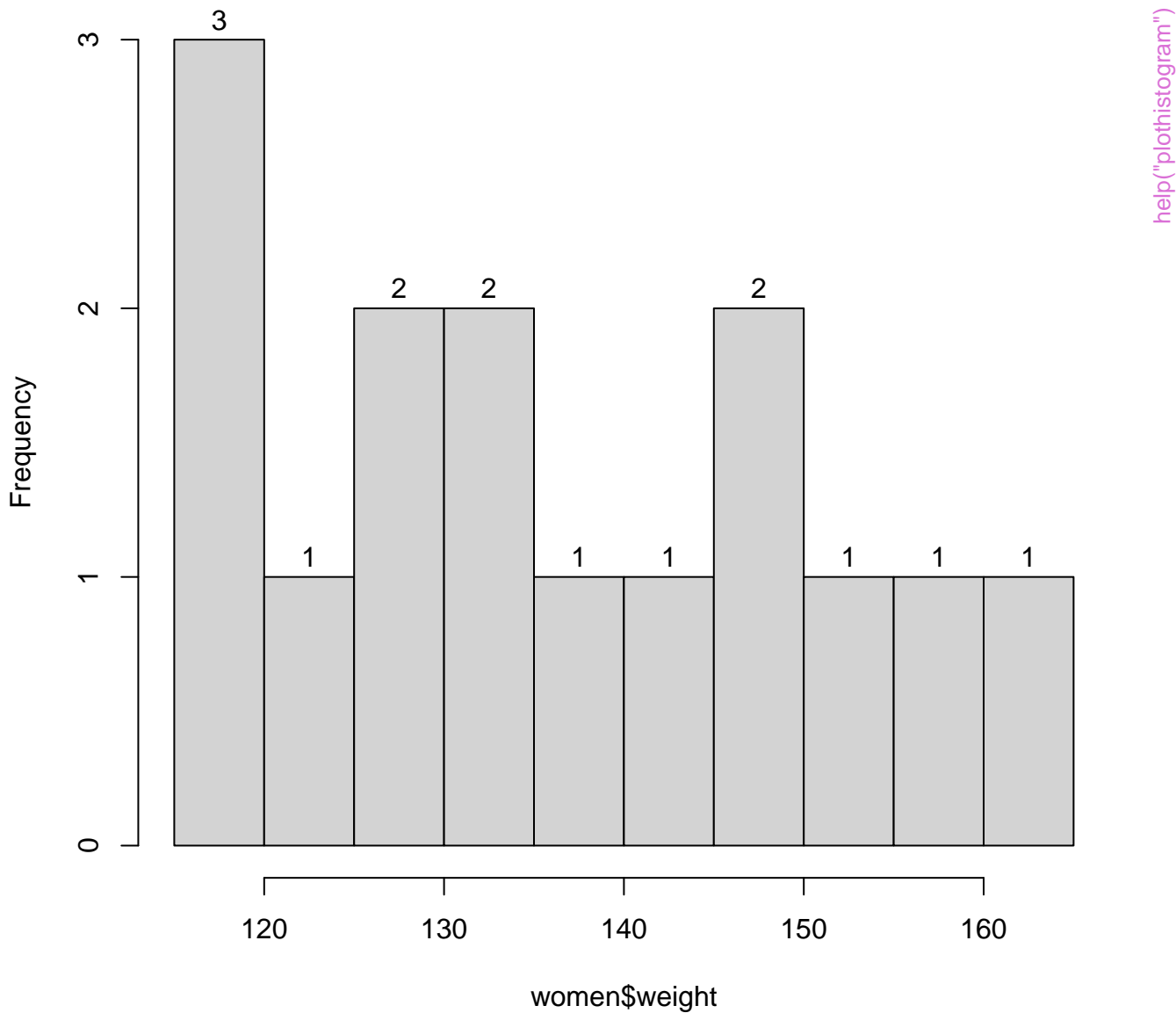
plot(Titanic, main= \*)





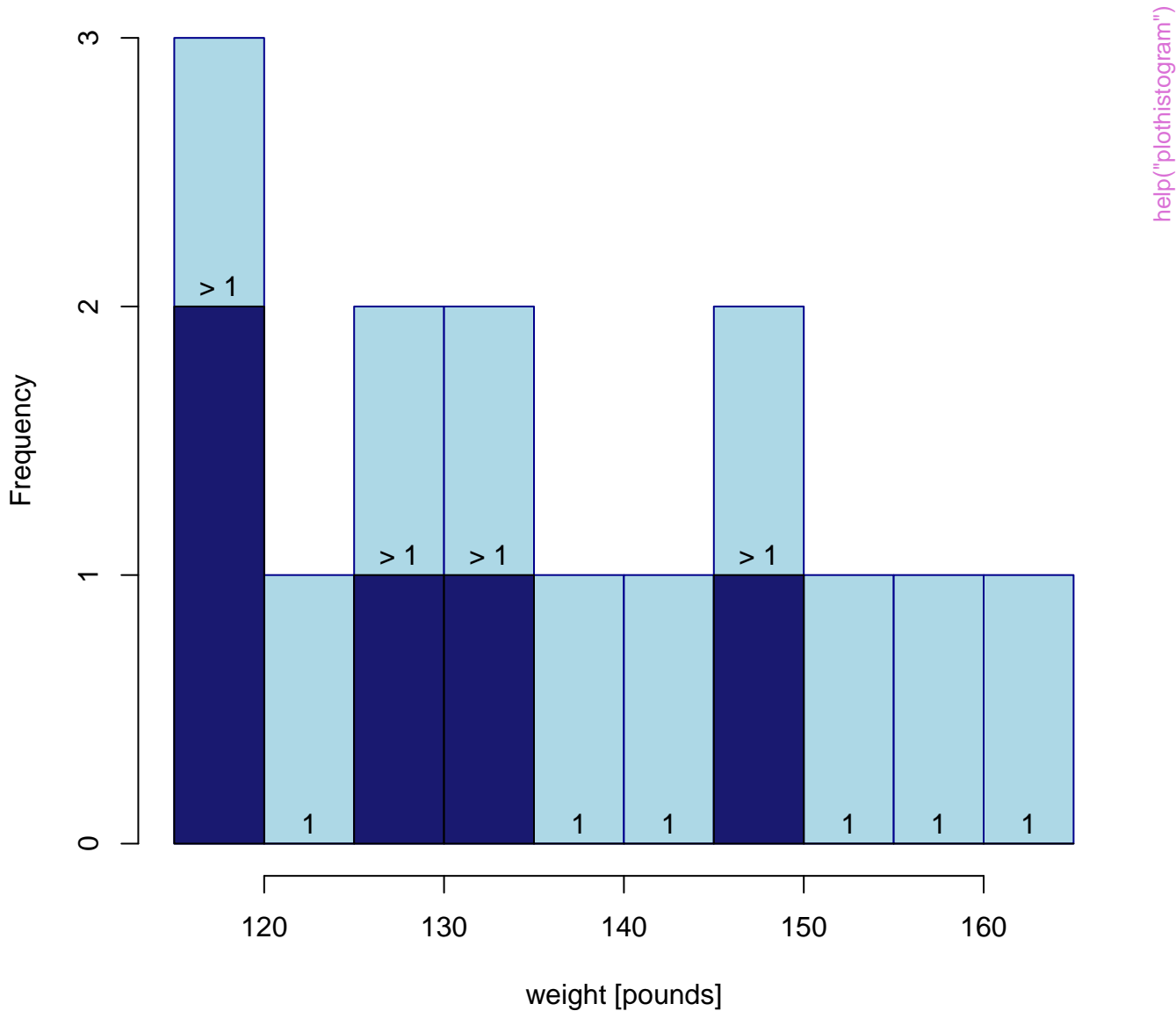
[help\("plot.window"\)](#)

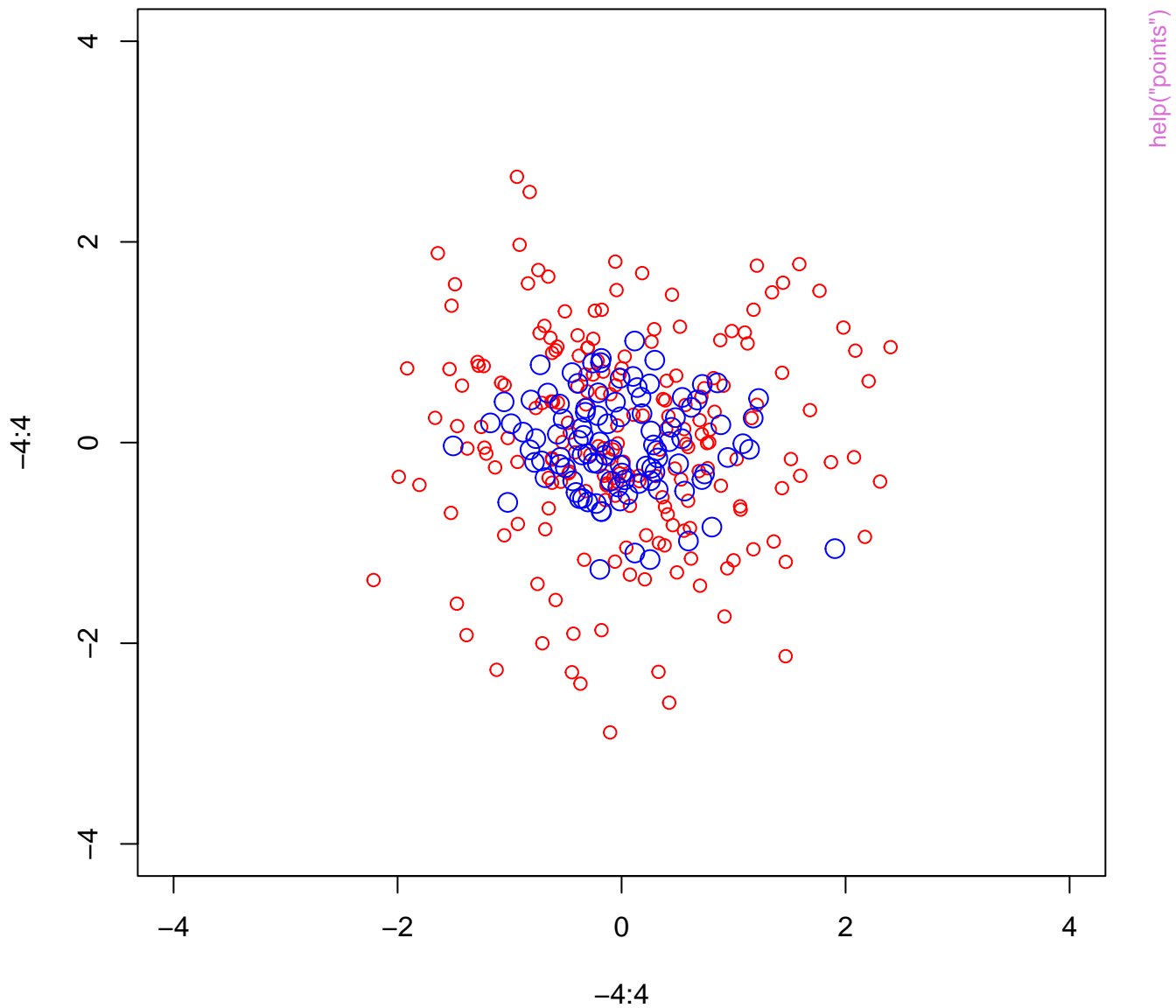
**Histogram of women\$weight**



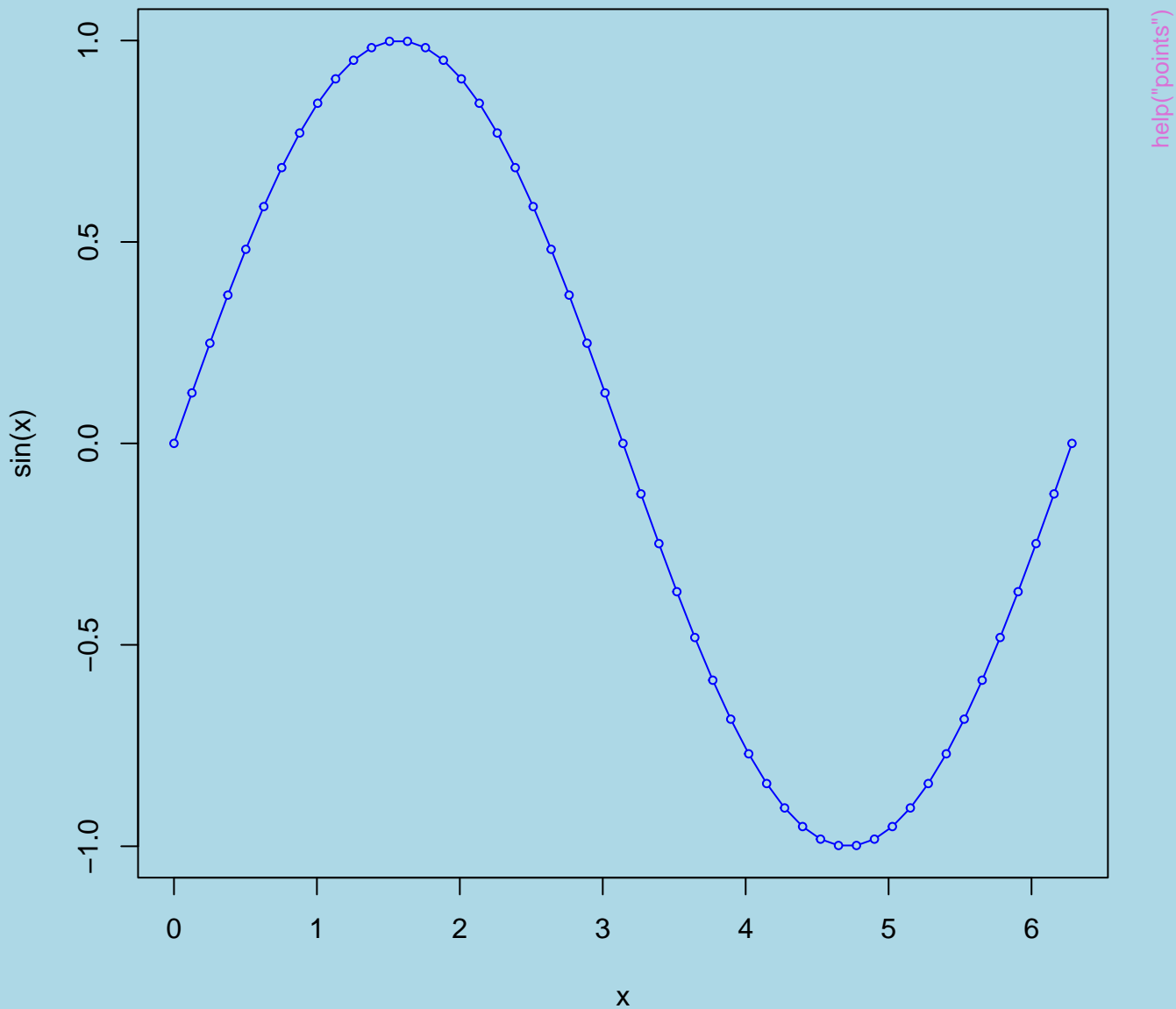


Histogram of 15 women's weights









































`plot(..., type="o", pch=21, bg=par("bg"))`

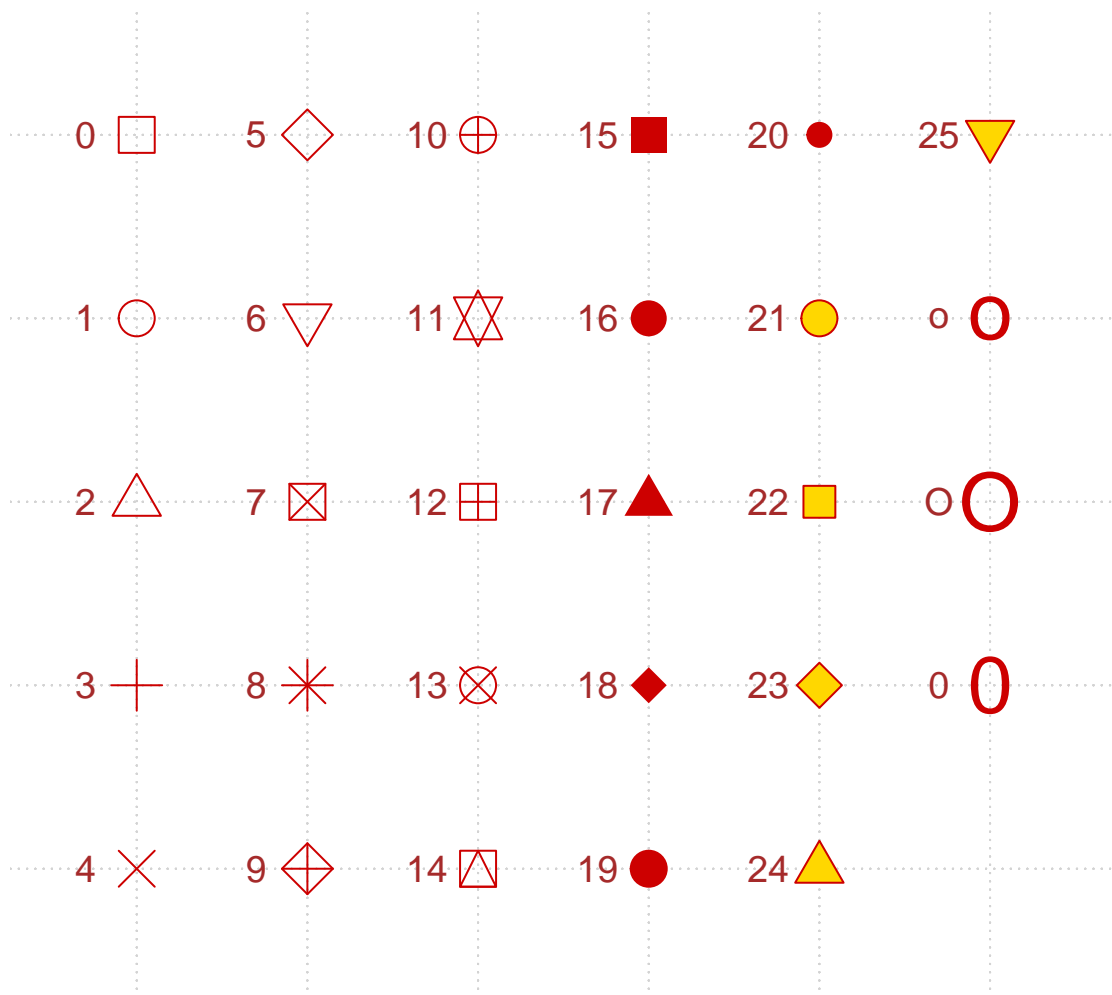


plot symbols : points (... pch = \*, cex = 3 )

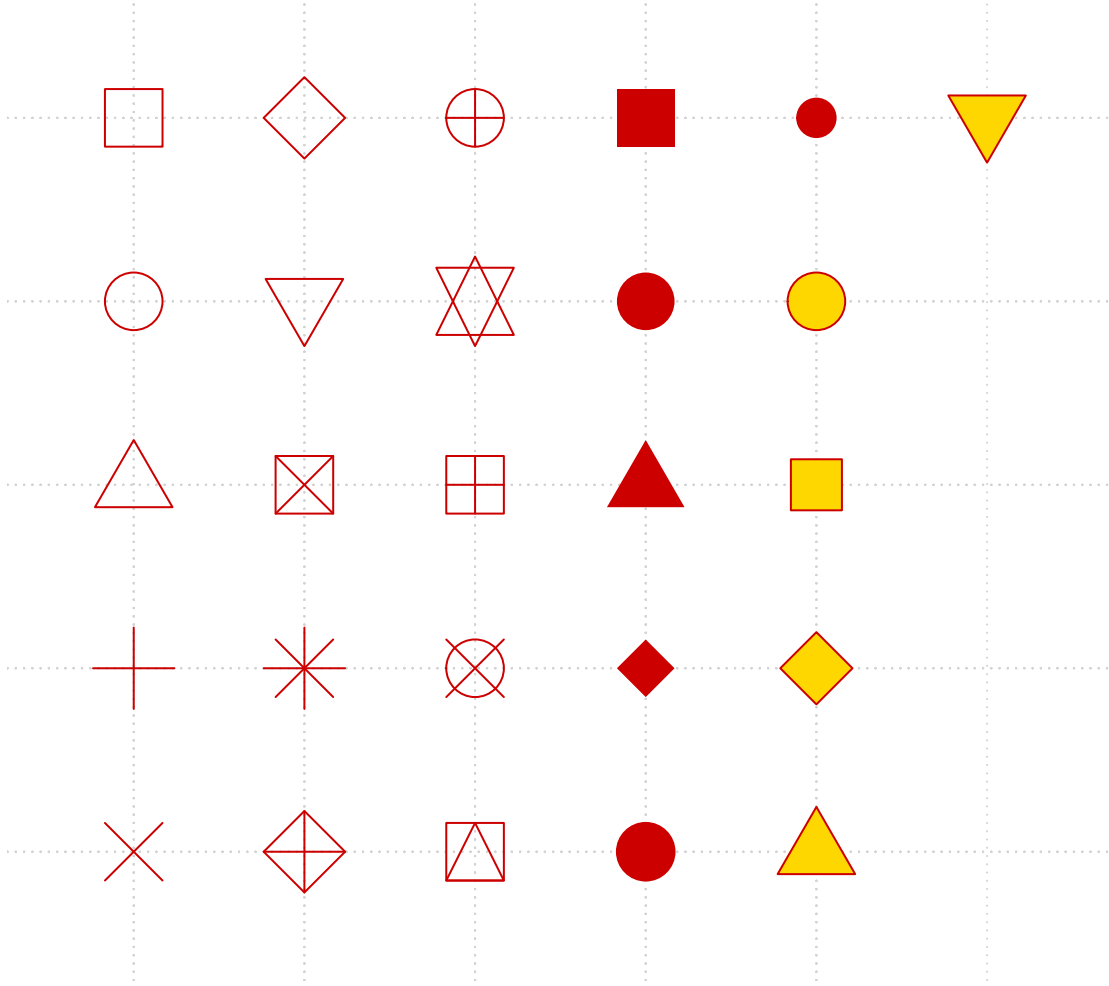
|   |   |    |   |    |   |    |   |    |   |   |   |
|---|---|----|---|----|---|----|---|----|---|---|---|
| 0 |    | 6  |    | 12 |    | 18 |    | 24 |    | 0 |    |
| 1 |    | 7  |    | 13 |    | 19 |    | 25 |    | + |    |
| 2 |    | 8  |    | 14 |    | 20 |    | *  |    | - |    |
| 3 |    | 9  |    | 15 |    | 21 |    | .  |    |   |    |
| 4 |    | 10 |    | 16 |    | 22 |    | o  |    | % |    |
| 5 |  | 11 |  | 17 |  | 23 |  | O  |  | # |  |

help("points")

plot symbols : points (... pch = \*, cex = 2.5 )

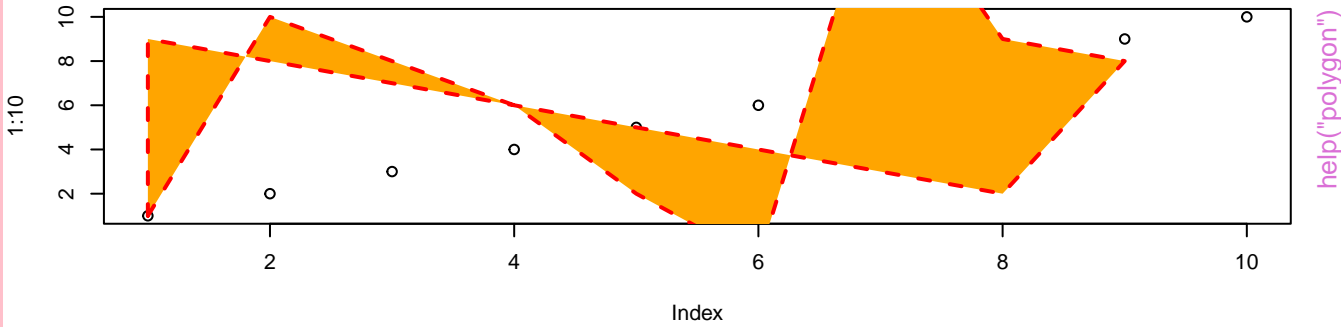


help("points")

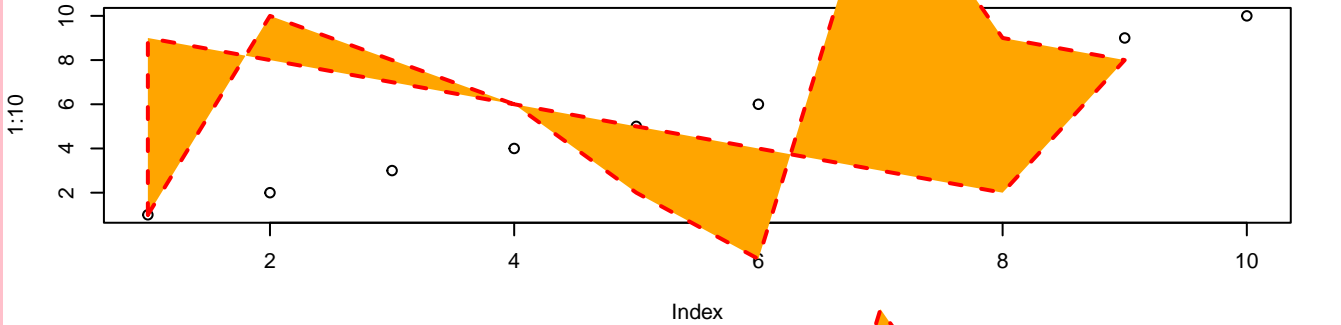


help("points")

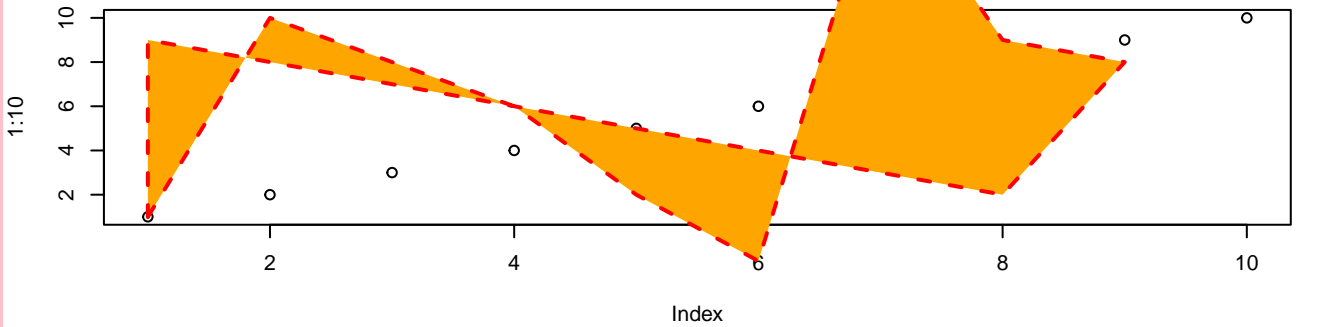
**xpd = FALSE**



**xpd = TRUE**

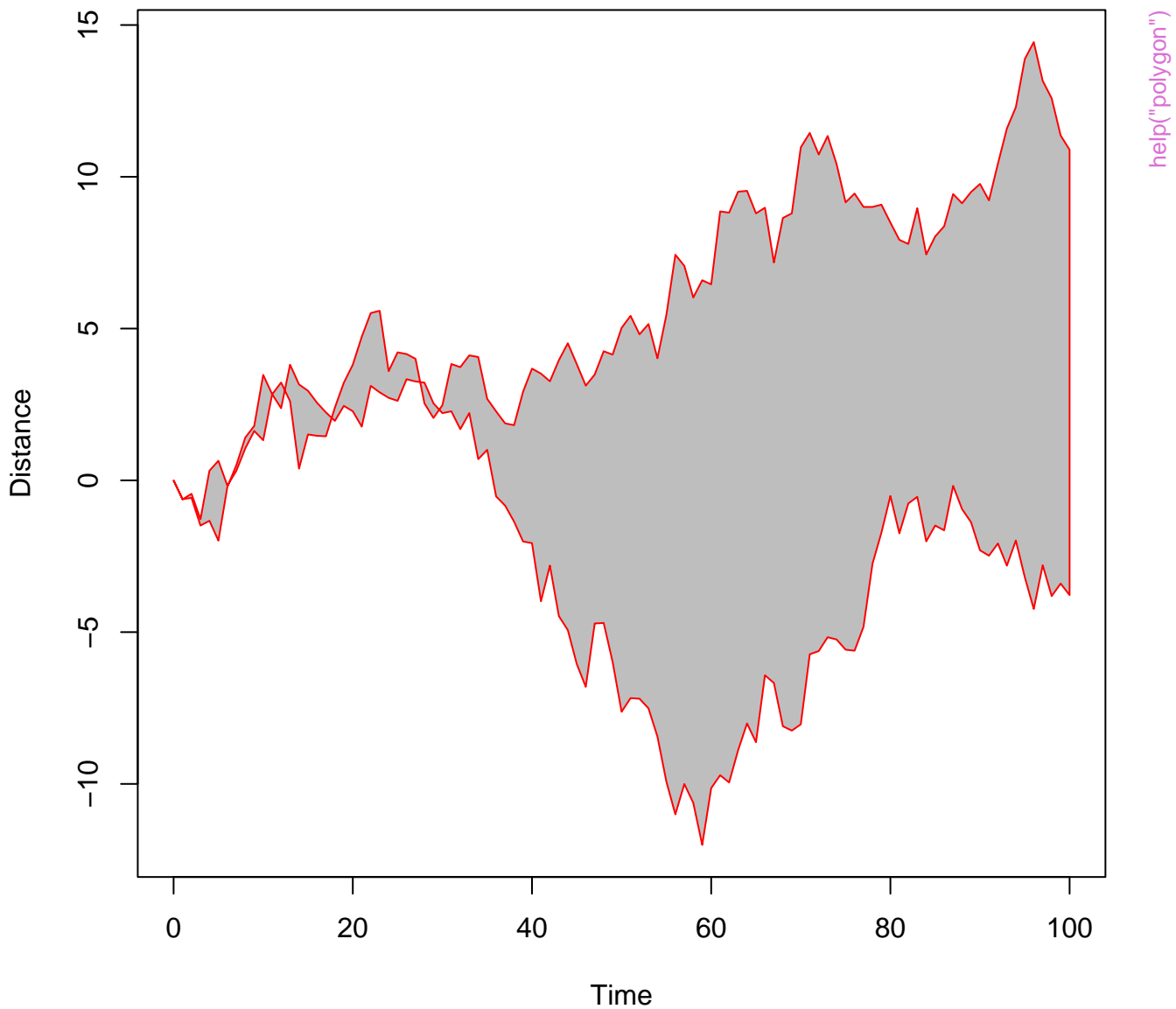


**xpd = NA**

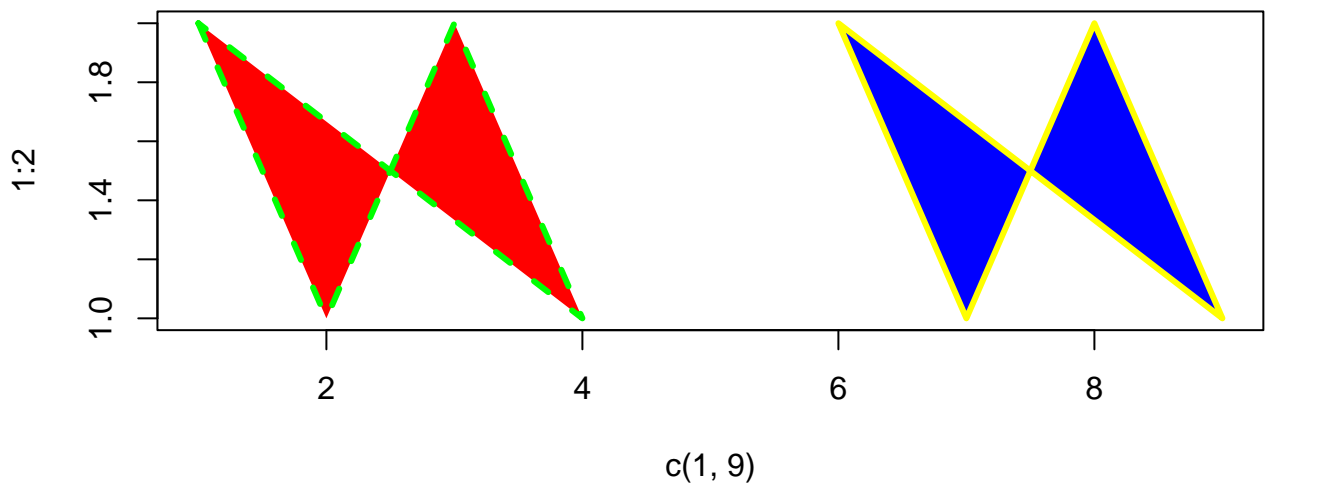
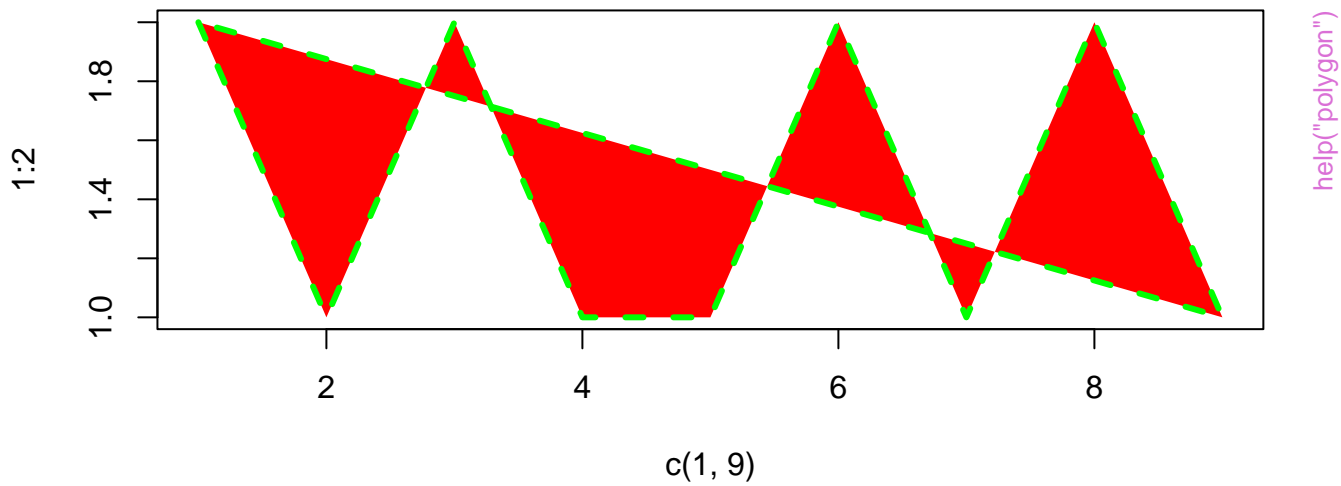


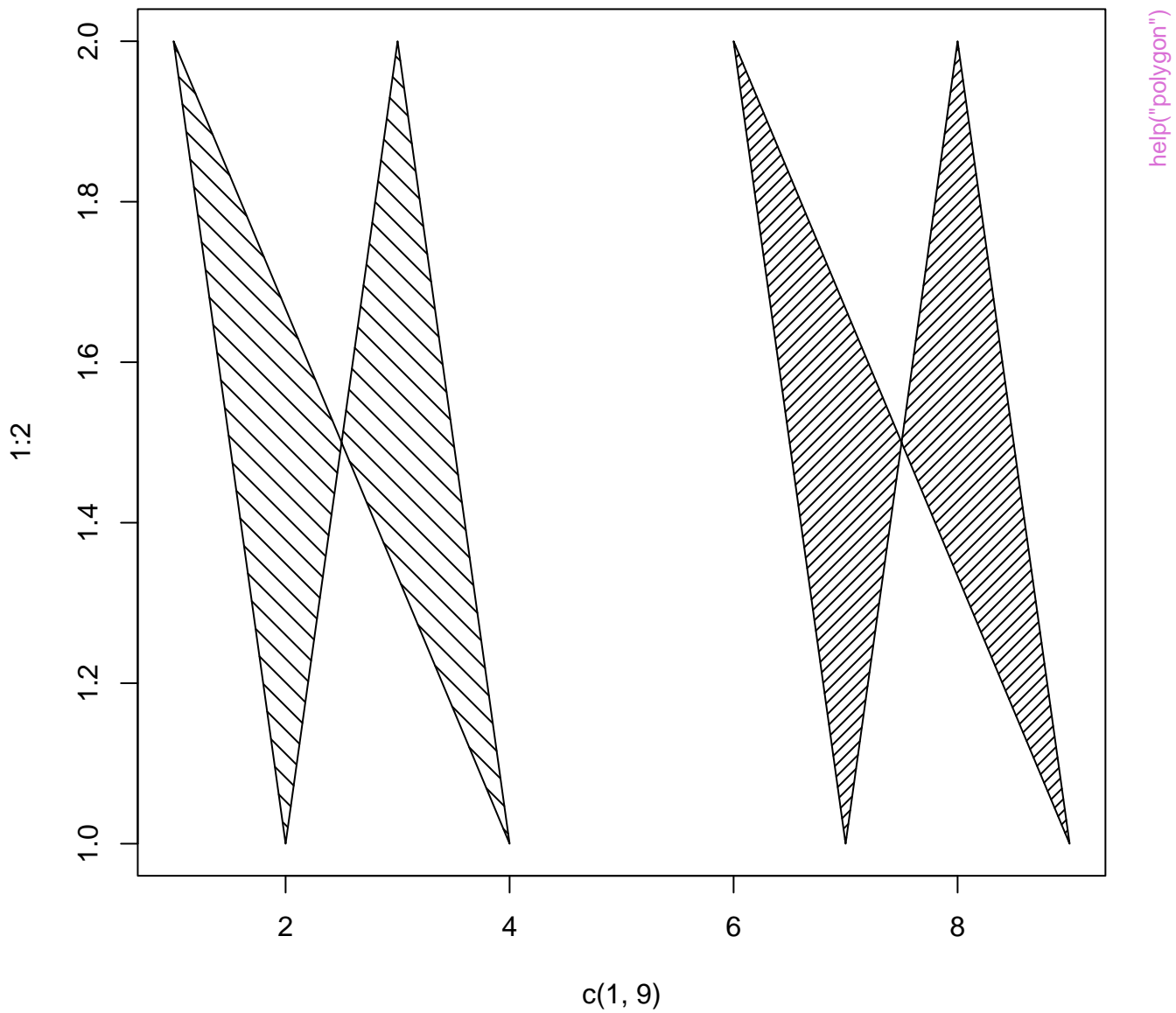
help("polygon")

## Distance Between Brownian Motions





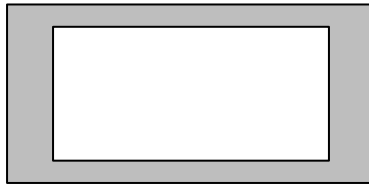




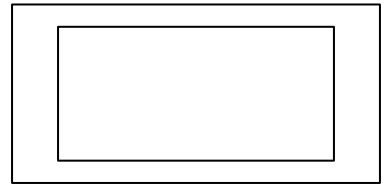
# Nested rectangles, both clockwise



Rule: winding



Rule: evenodd



help("polypath")

## Nested rectangles, outer clockwise, inner anti-clockwise



Rule: winding



Rule: evenodd



## Disjoint rectangles



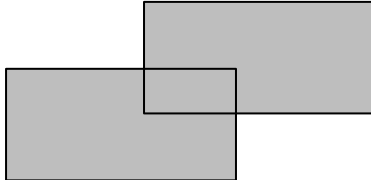
Rule: winding



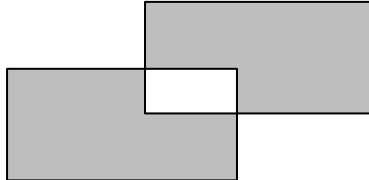
Rule: evenodd



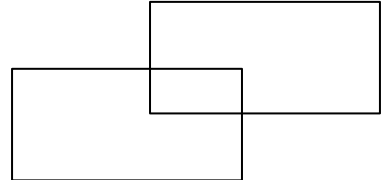
## Overlapping rectangles, both clockwise



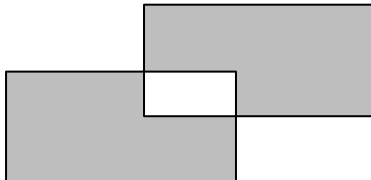
Rule: winding



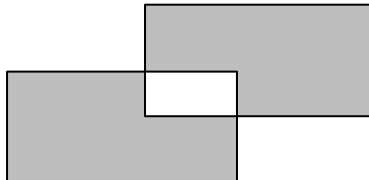
Rule: evenodd



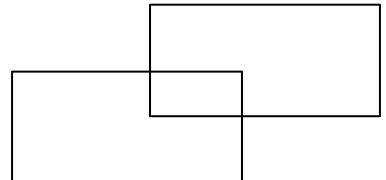
## Overlapping rectangles, one clockwise, other anti-clockwise

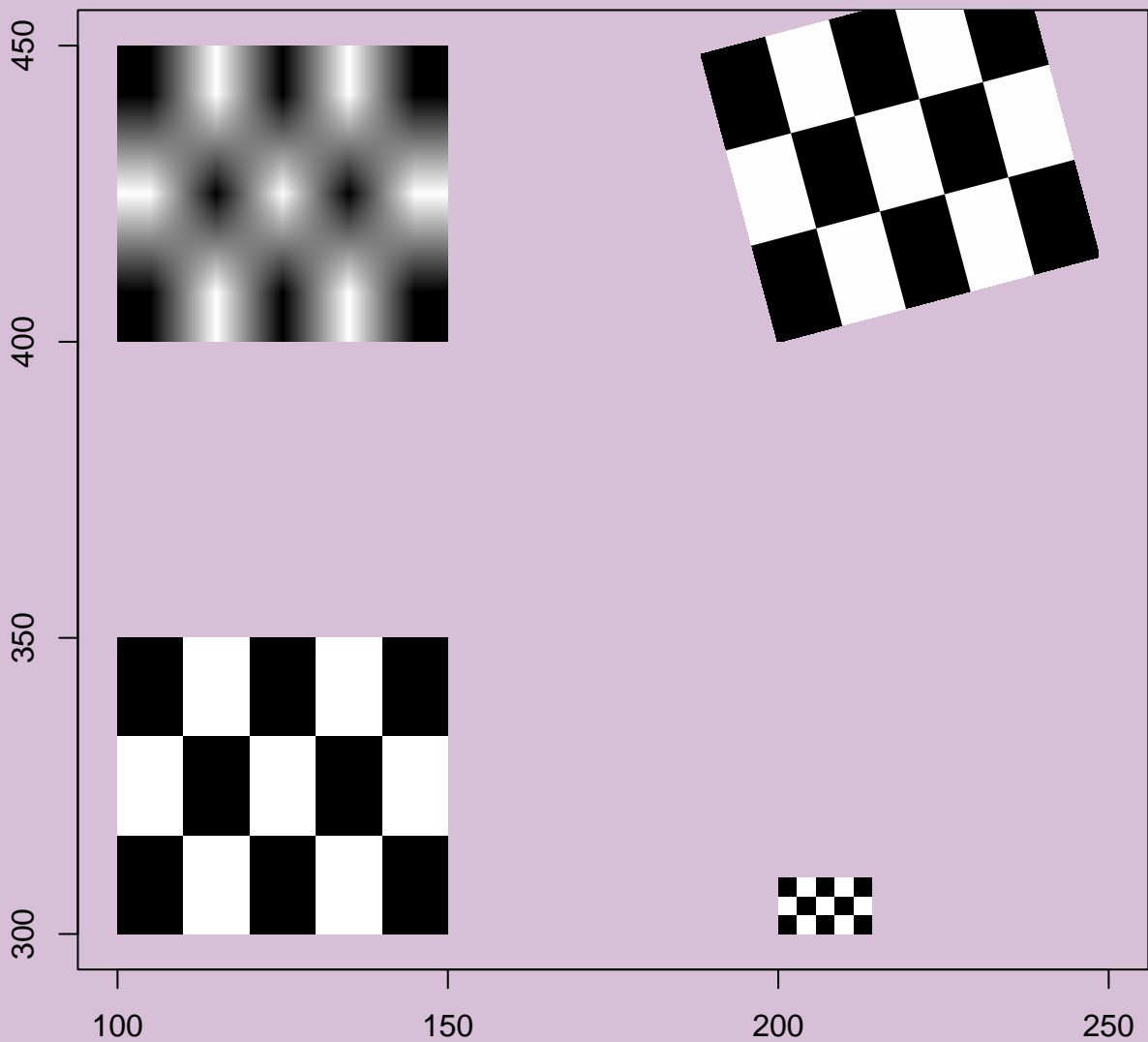


Rule: winding



Rule: evenodd

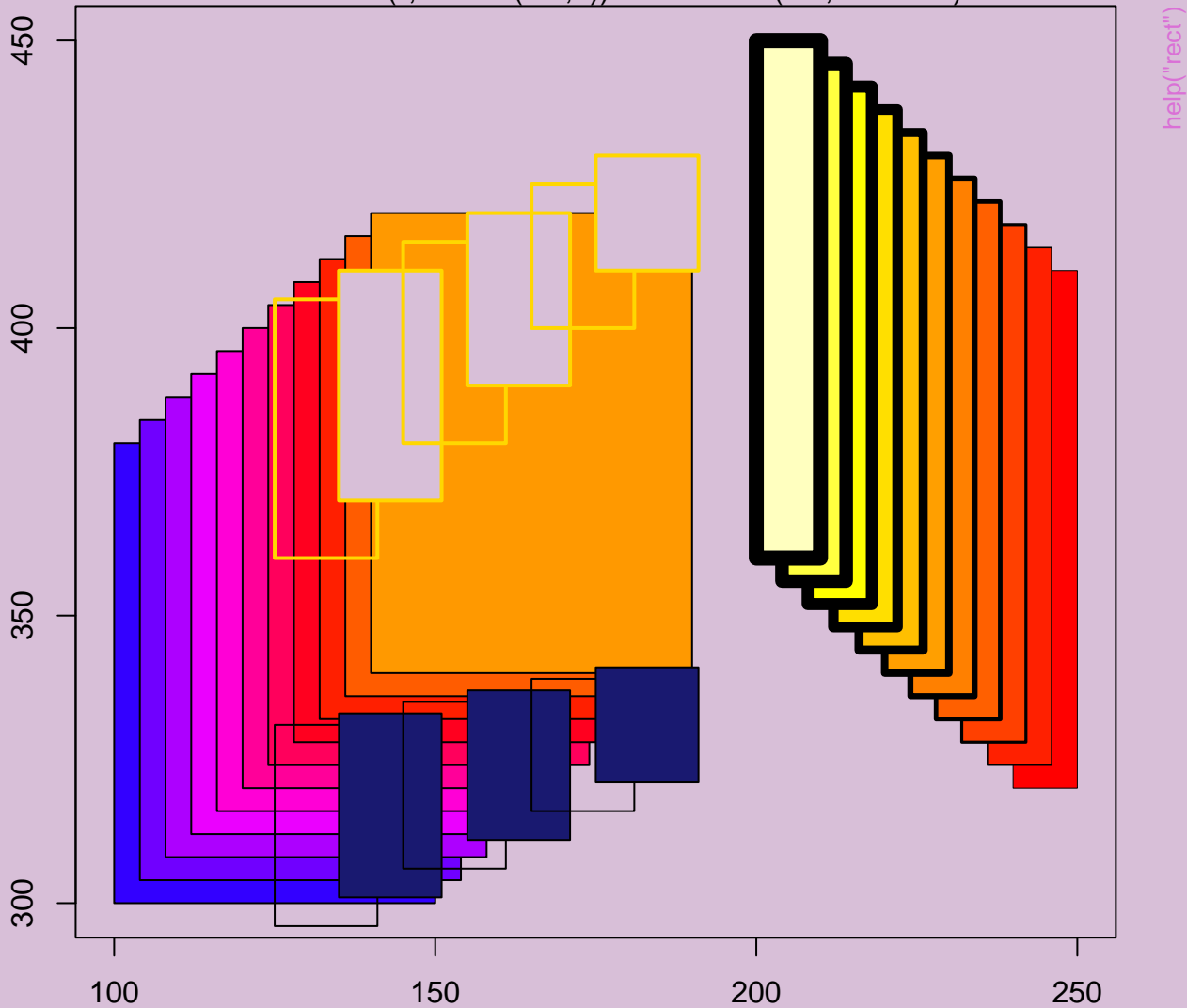


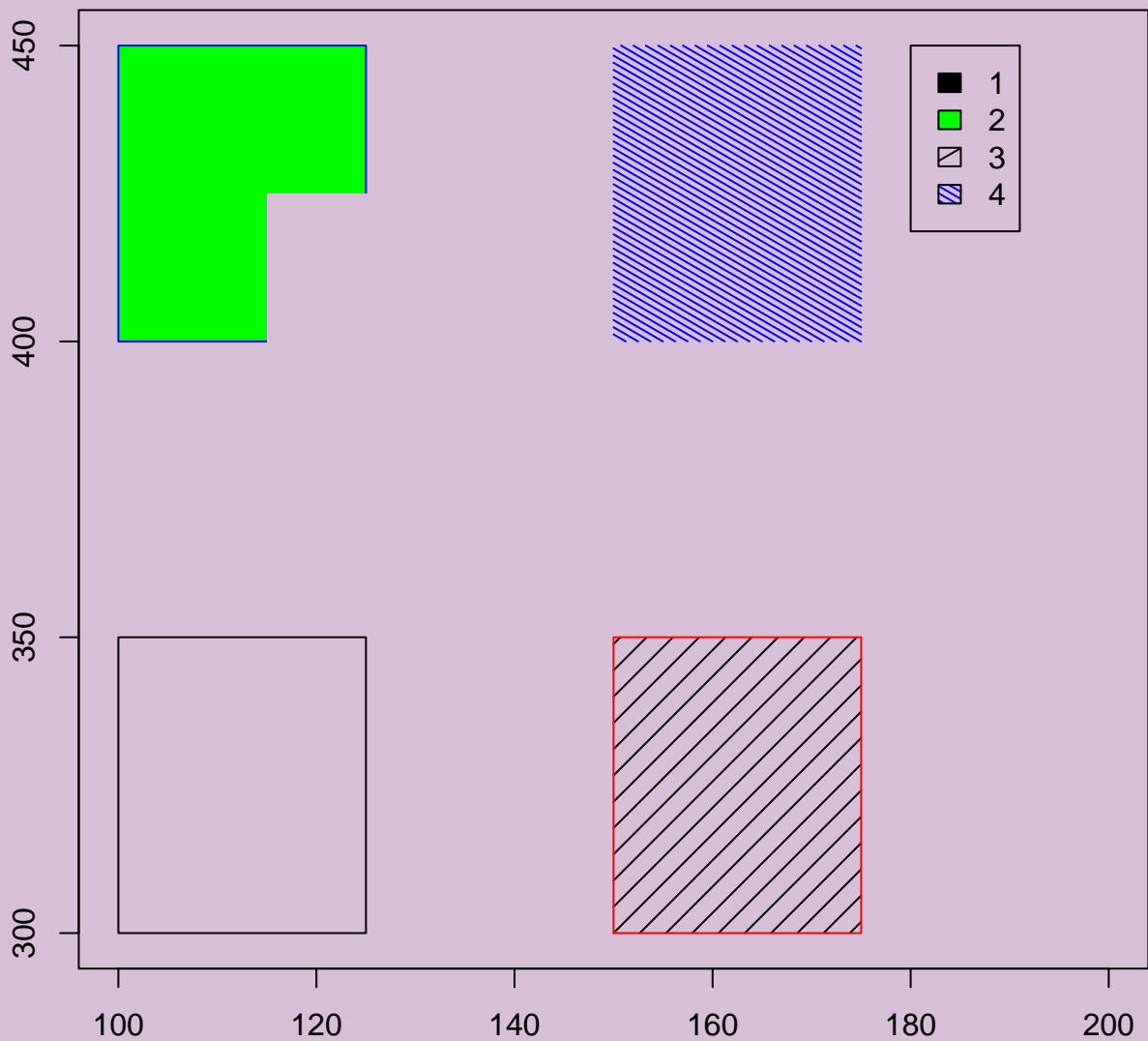


`help("rasterImage")`

**2 x 11 rectangles; 'rect(100+i,300+i, 150+i,380+i)'**

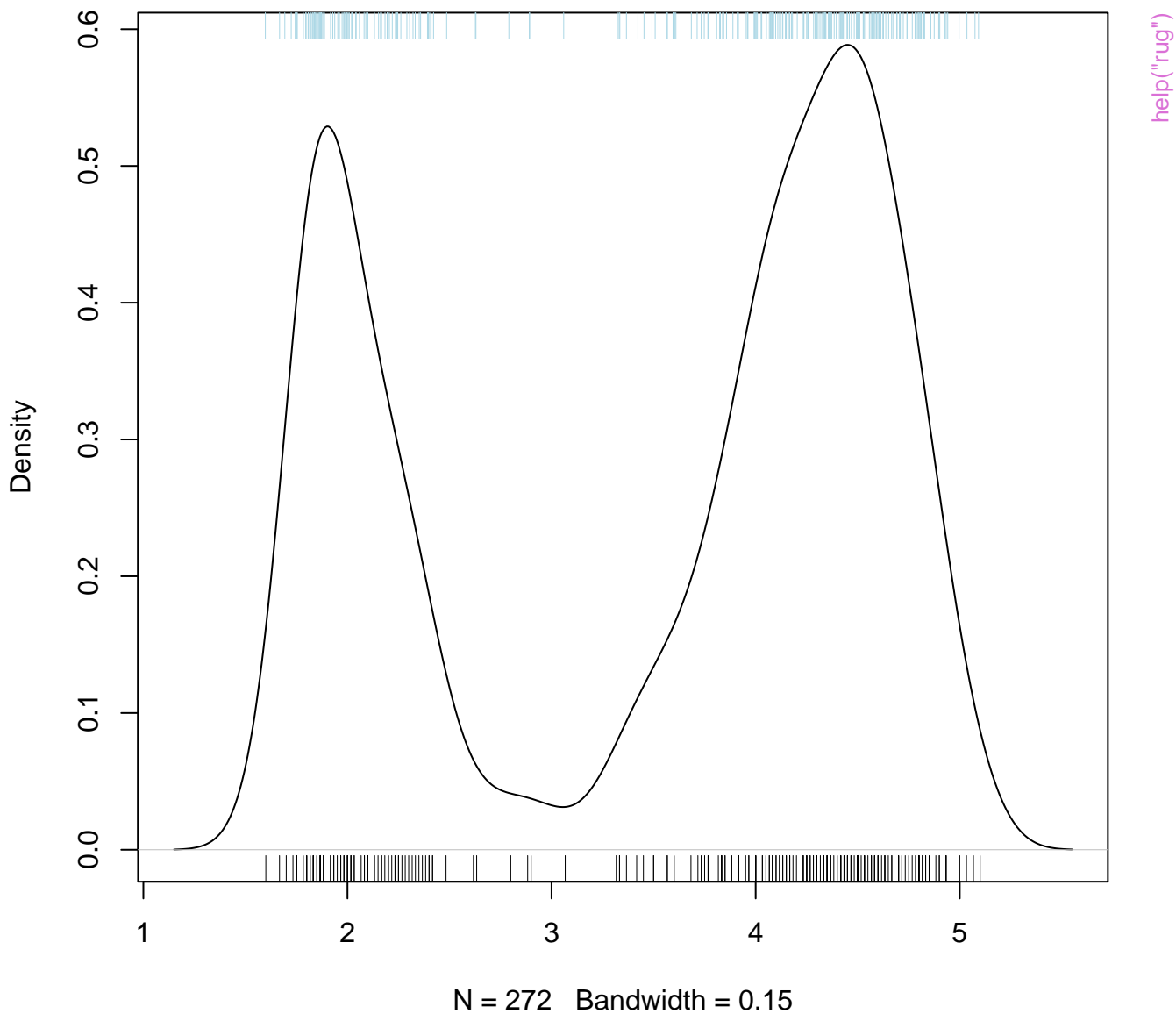
+ 2 x 6 rect(\*, col = c(NA,0)) and col = c(NA,"m..blue")



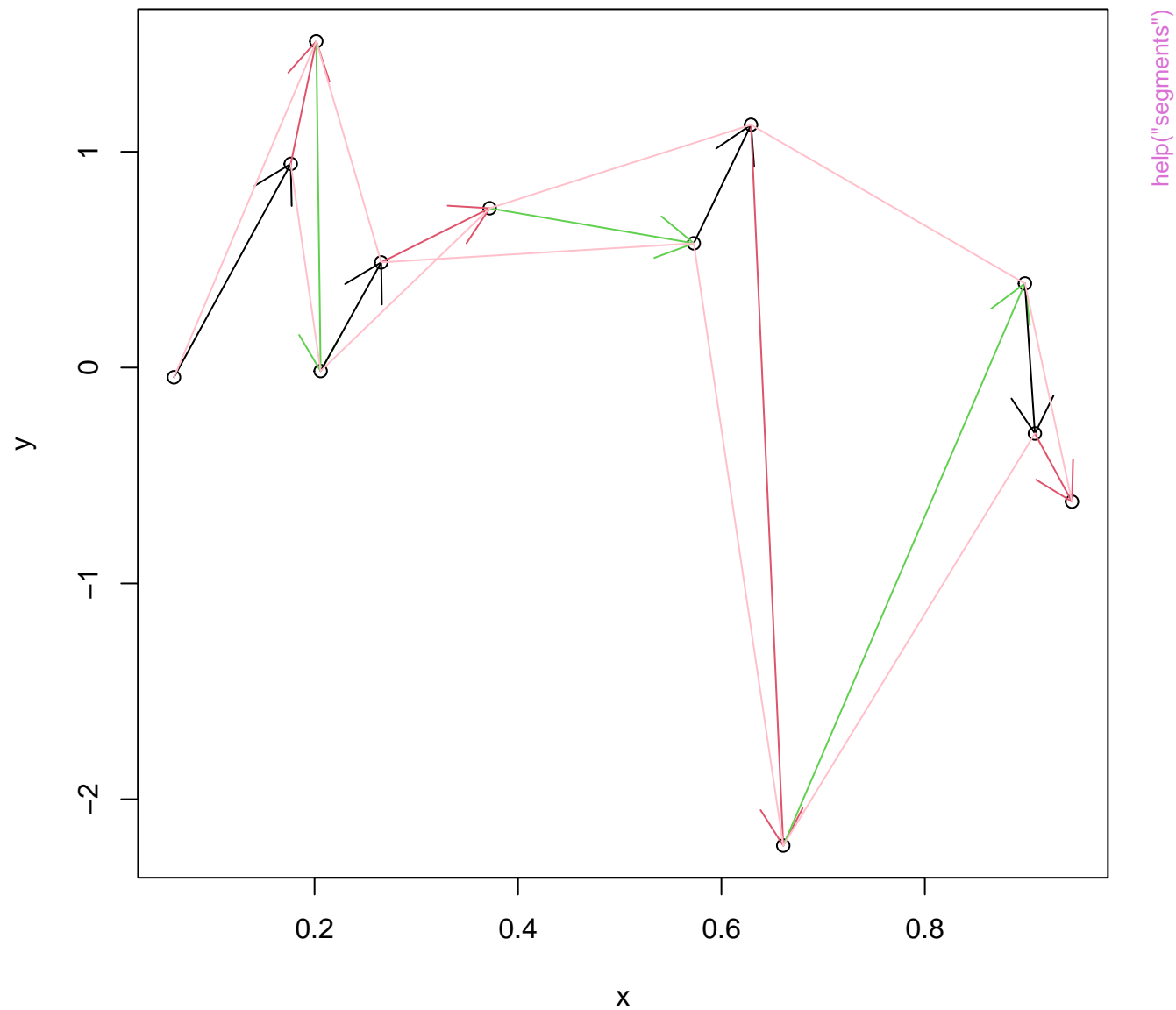


help("rect")

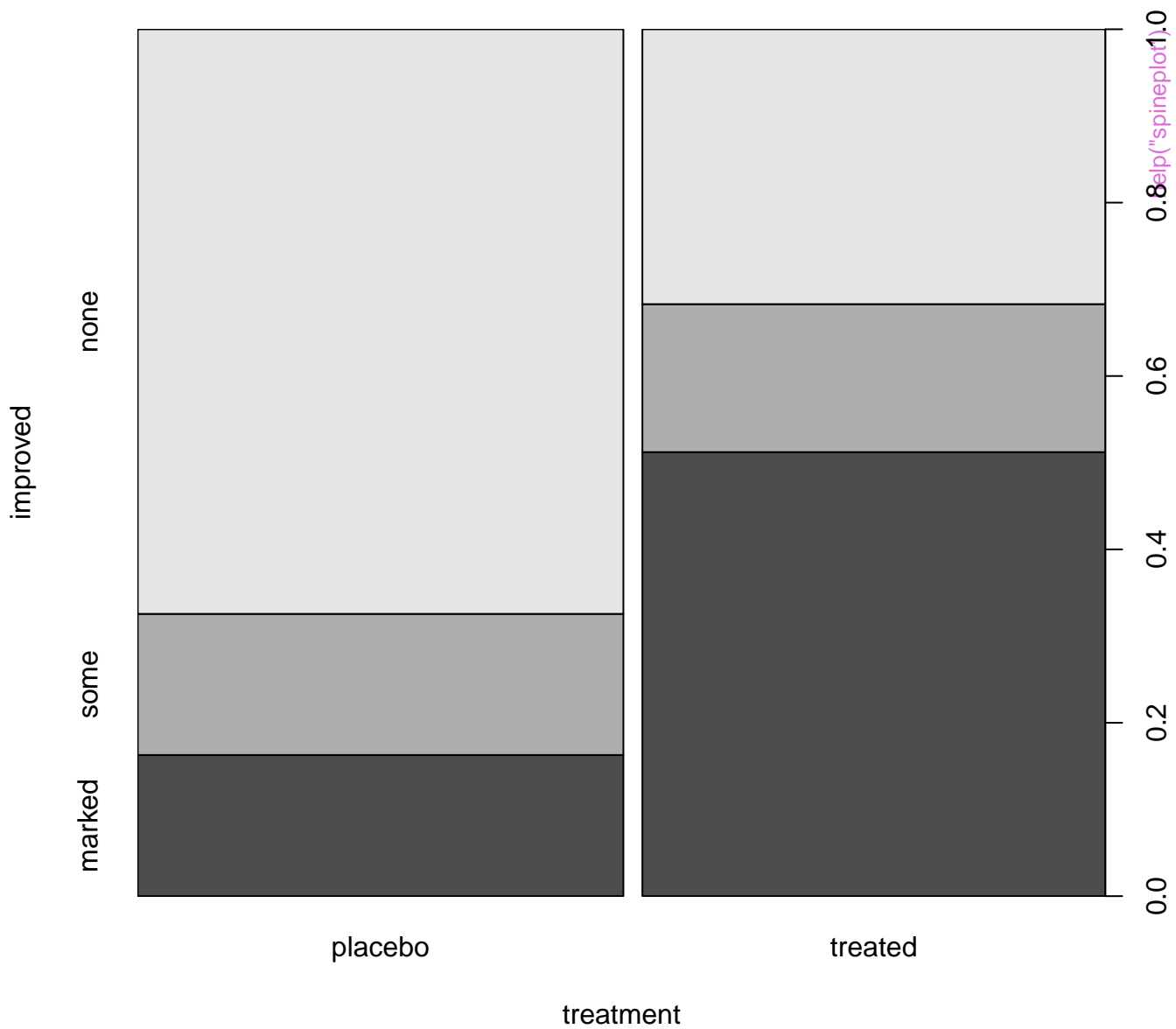
**density(x = eruptions, bw = 0.15)**



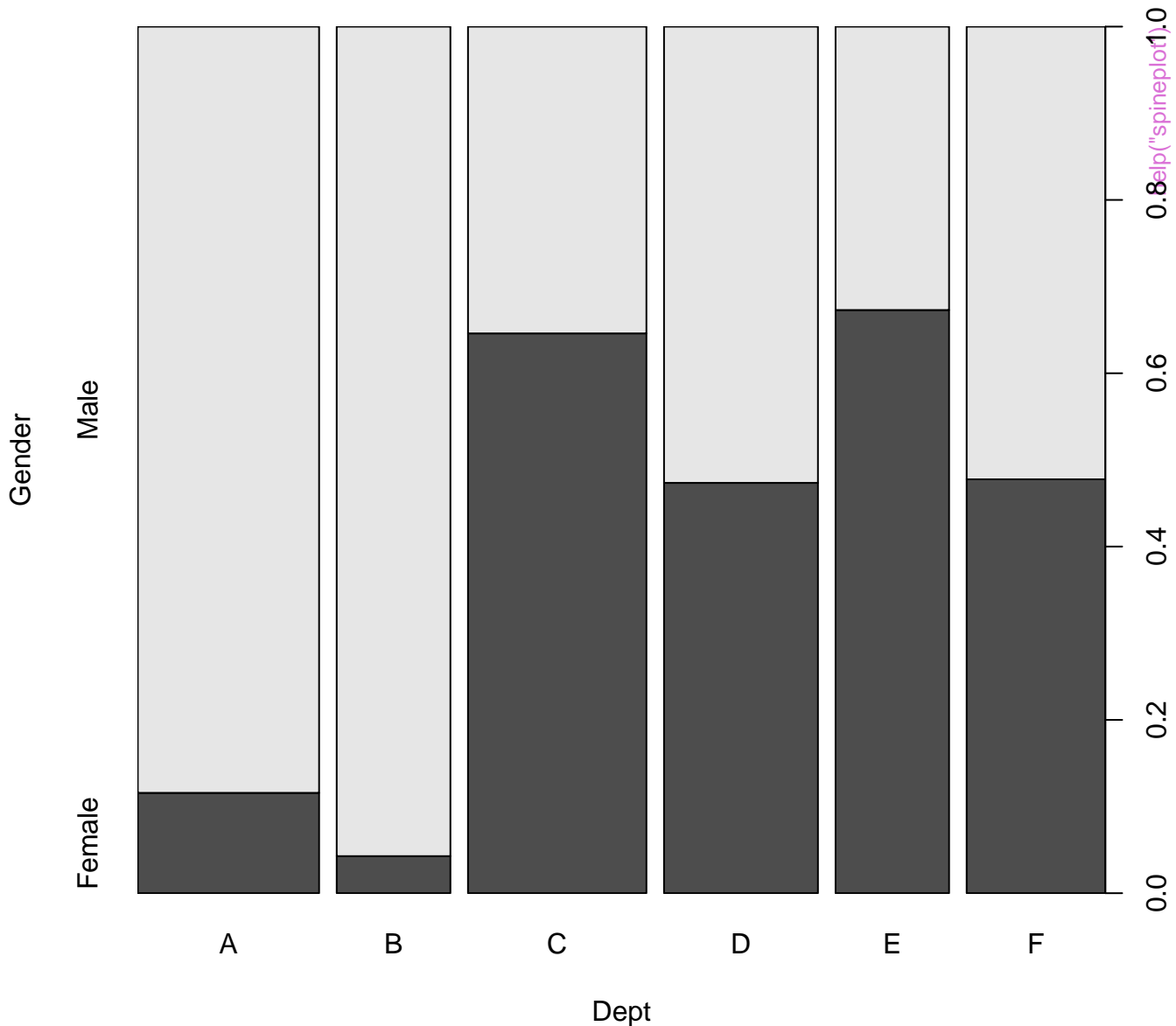
## arrows(.) and segments(.)



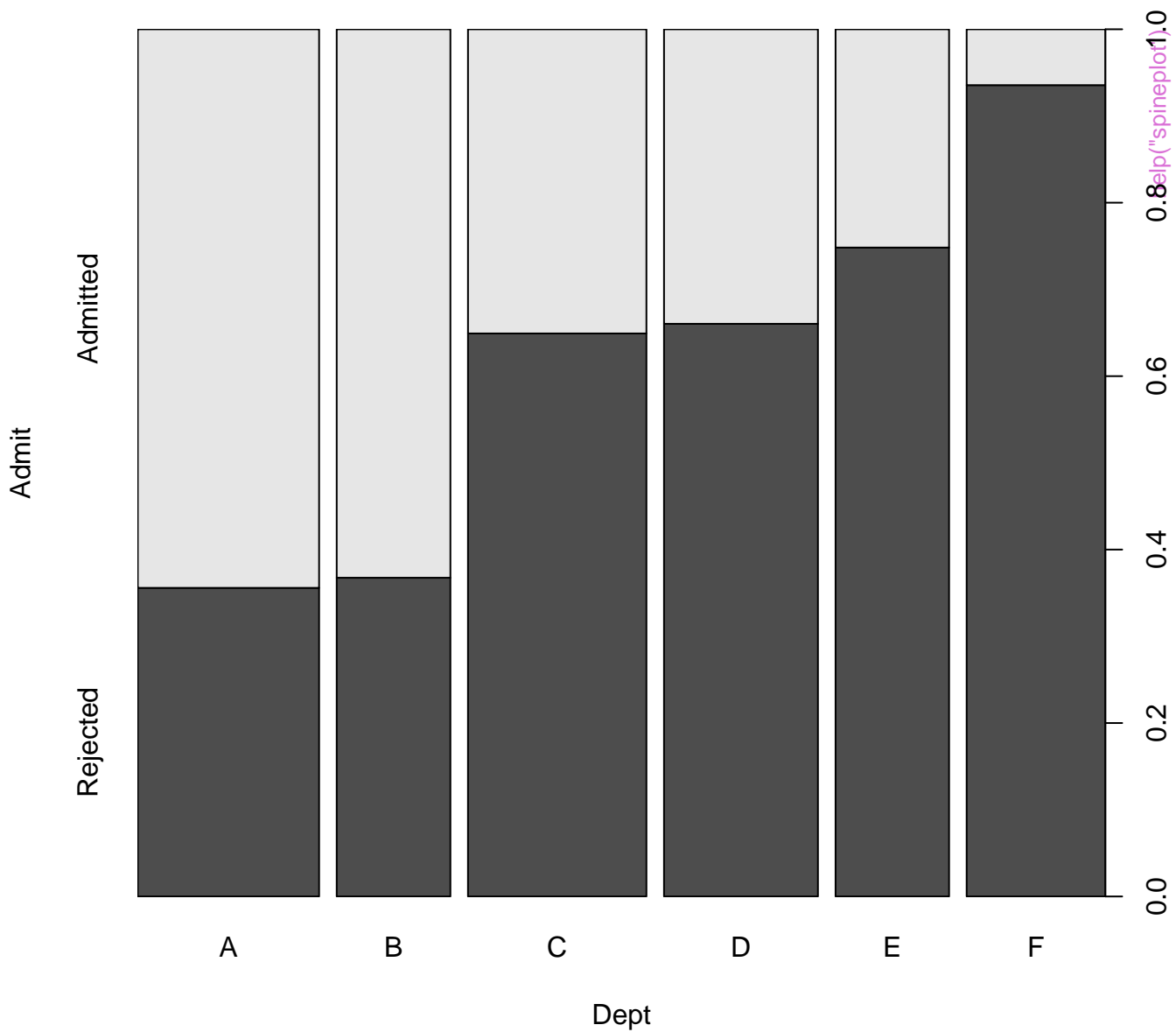


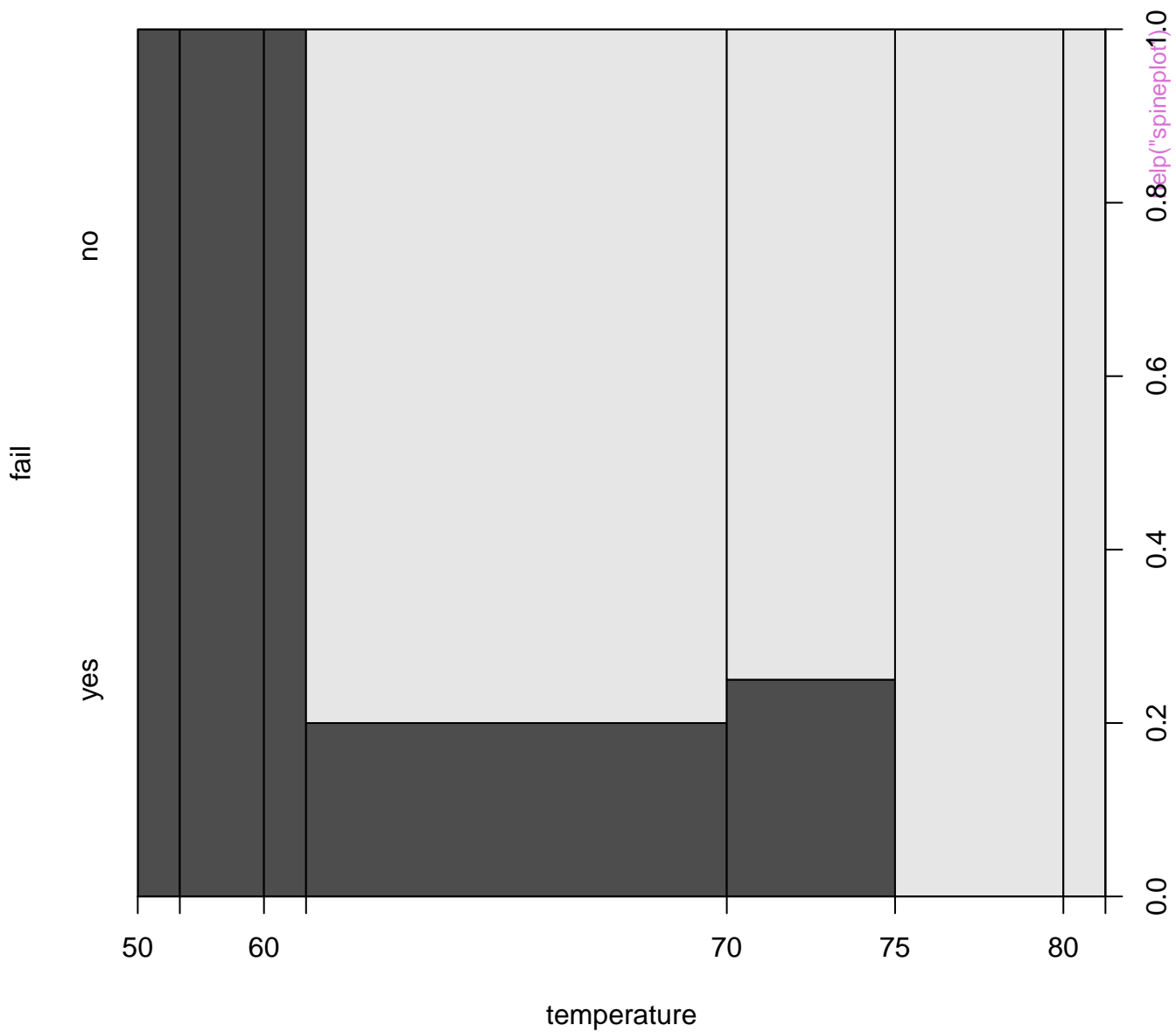


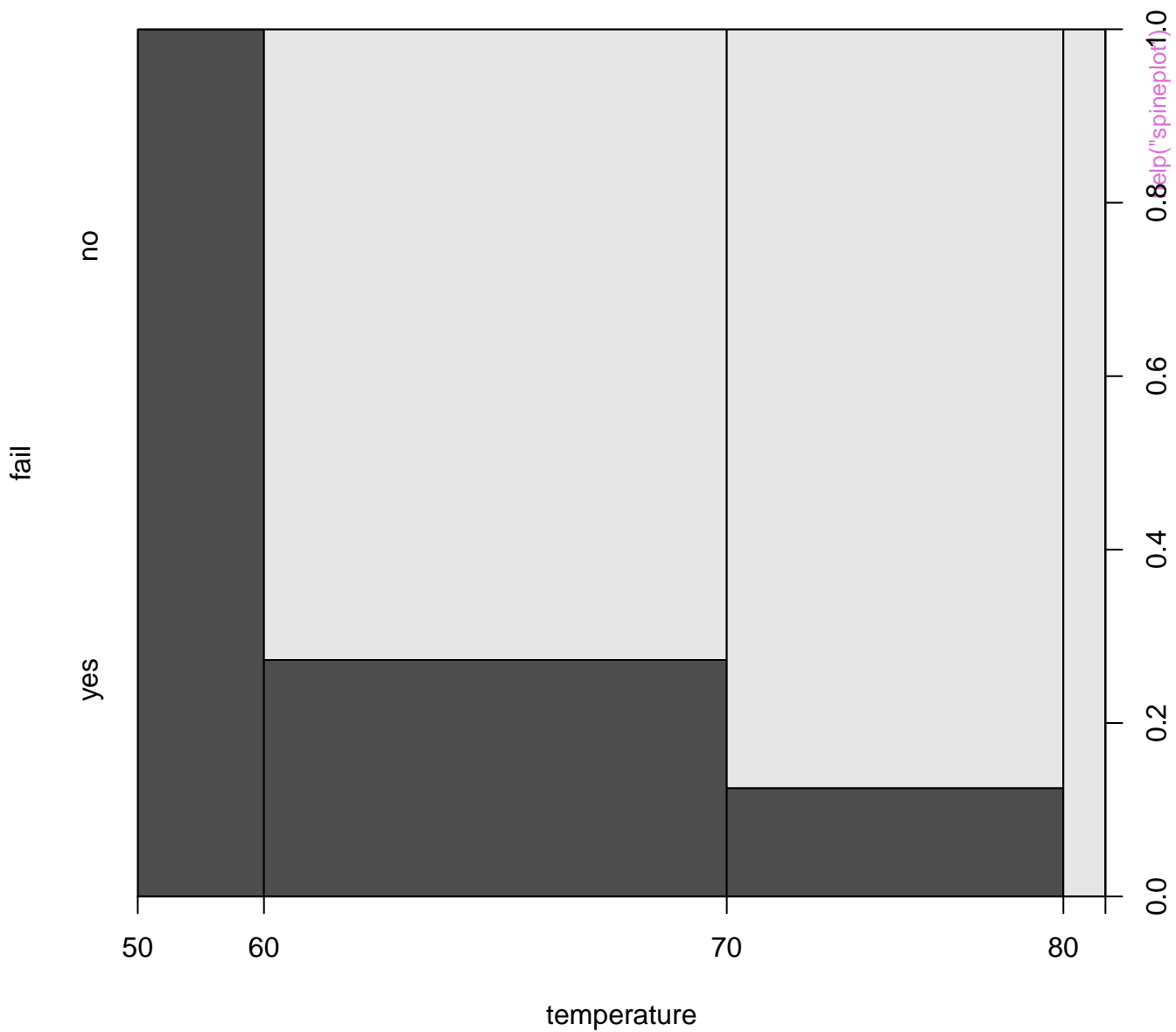
Applications at UCB

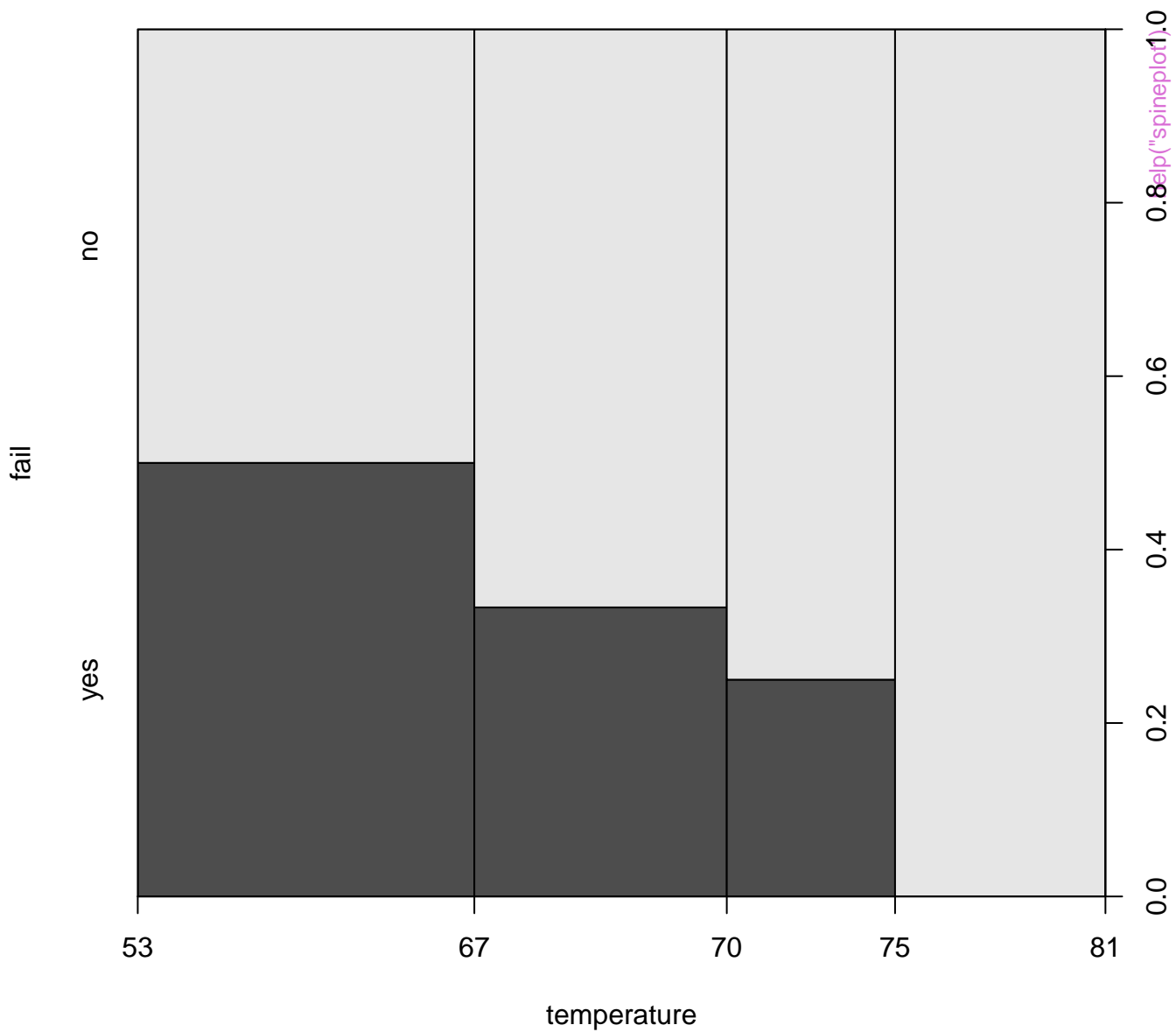


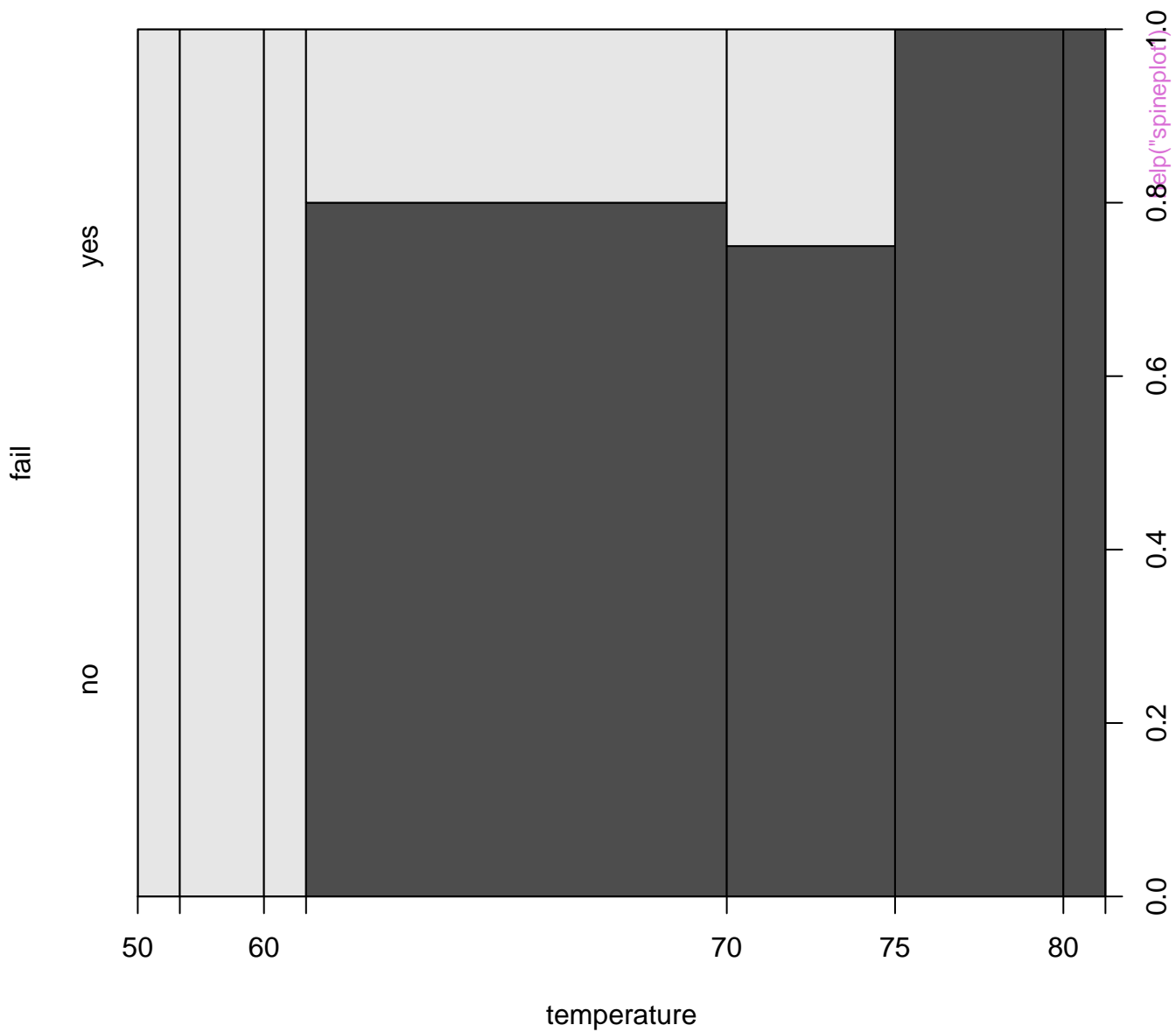
# Admissions at UCB











Motor Trend Cars : stars(\*, full = F)

help("stars")



Mazda RX4



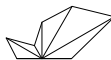
Mazda RX4 Wag



Datsun 710



Hornet 4 Drive



Hornet Sportabout



Valiant



Duster 360



Merc 240D



Merc 230



Merc 280



Merc 280C



Merc 450SE



Merc 450SL



Merc 450SLC



Cadillac Fleetwood



Lincoln Continental



Chrysler Imperial



Fiat 128



Honda Civic



Toyota Corolla



Toyota Corona



Dodge Challenger



AMC Javelin



Camaro Z28



Pontiac Firebird



Fiat X1-9



Porsche 914-2



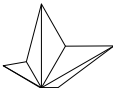
Lotus Europa



Ford Pantera L



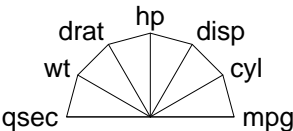
Ferrari Dino



Maserati Bora



Volvo 142E





# Motor Trend Cars : full stars()

help("stars")



Mazda RX4



Mazda RX4 Wag



Datsun 710



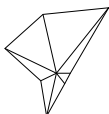
Hornet 4 Drive



Hornet Sportabout



Valiant



Duster 360



Merc 240D



Merc 230



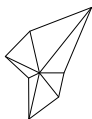
Merc 280



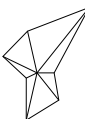
Merc 280C



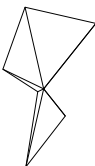
Merc 450SE



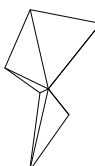
Merc 450SL



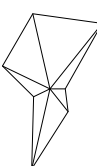
Merc 450SLC



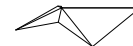
Cadillac Fleetwood



Lincoln Continental



Chrysler Imperial



Fiat 128



Honda Civic



Toyota Corolla



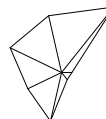
Toyota Corona



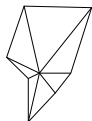
Dodge Challenger



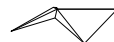
AMC Javelin



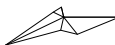
Camaro Z28



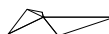
Pontiac Firebird



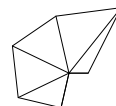
Fiat X1-9



Porsche 914-2



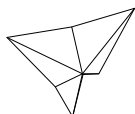
Lotus Europa



Ford Pantera L



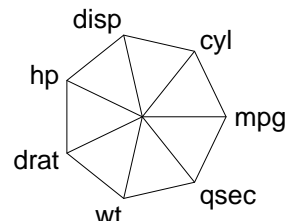
Ferrari Dino



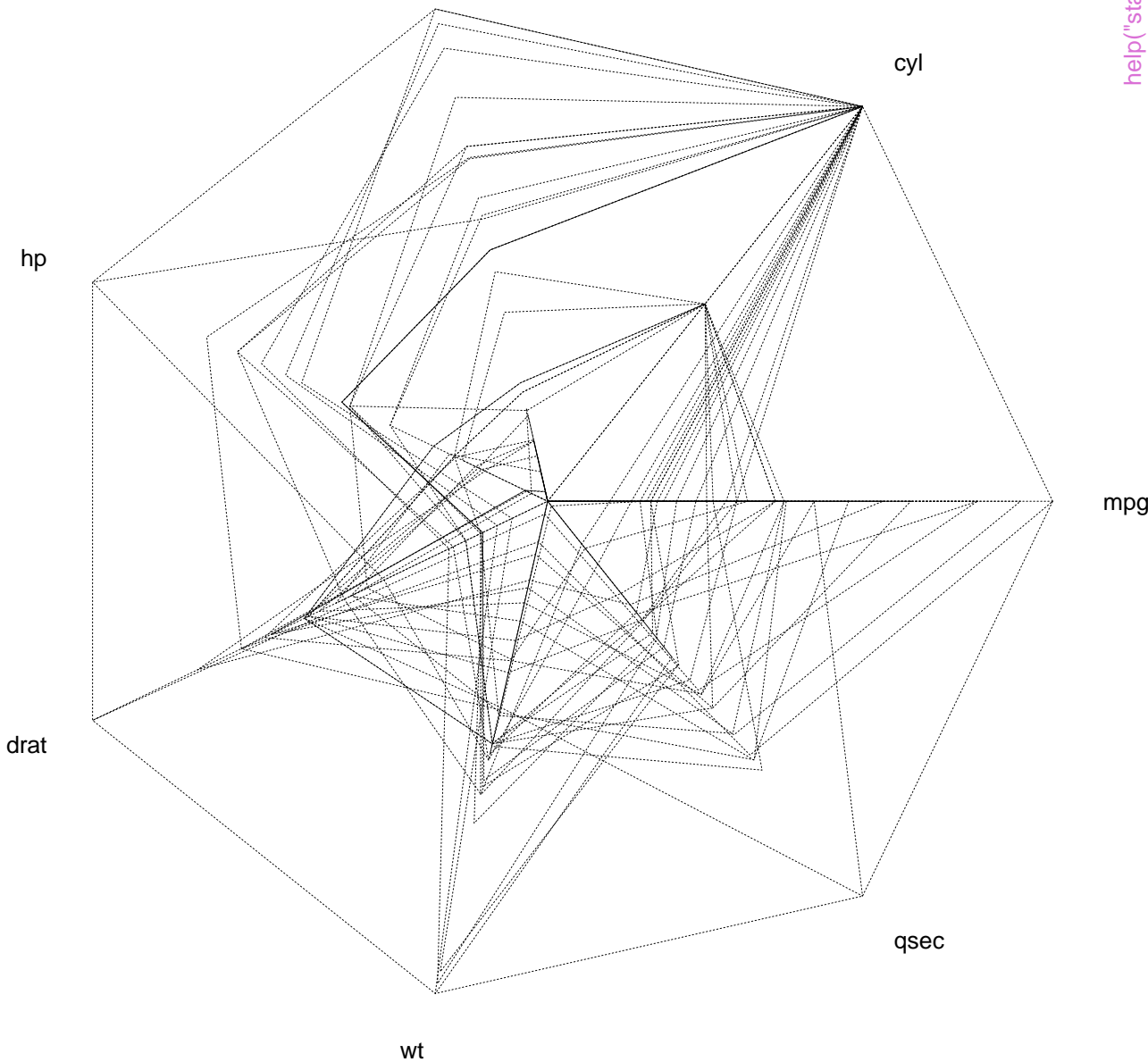
Maserati Bora



Volvo 142E

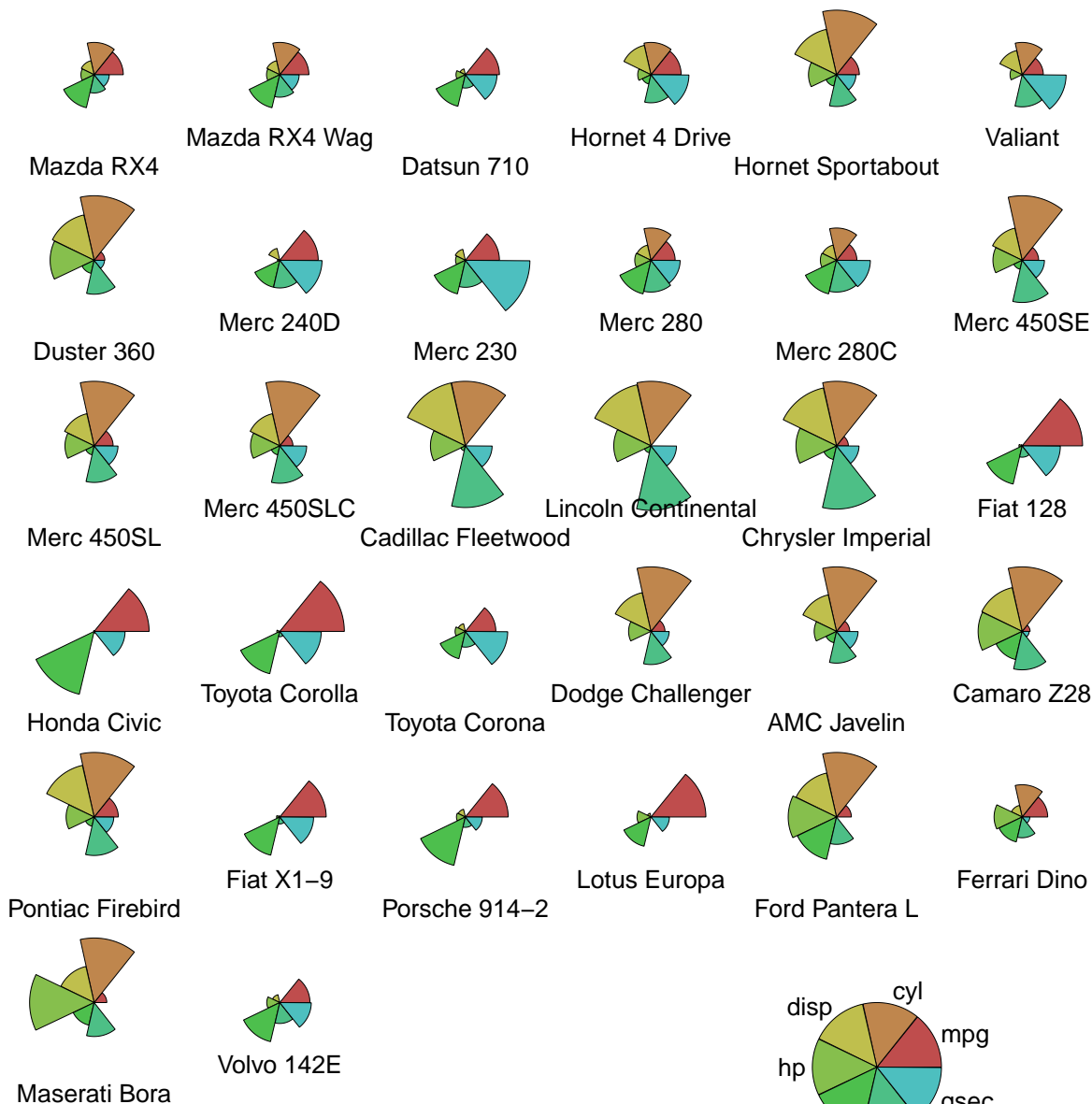


## disp

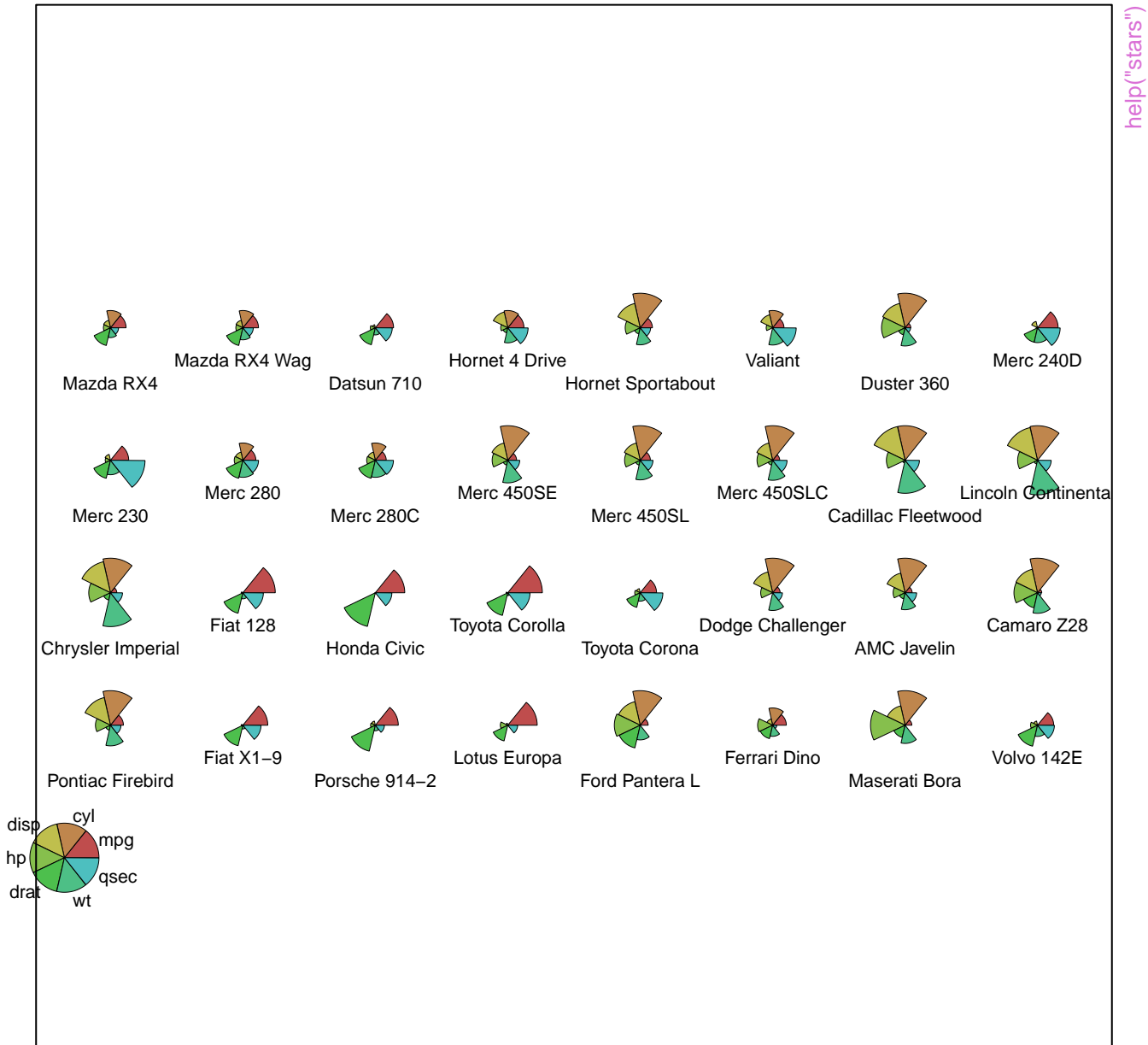


# Motor Trend Cars

help("stars")

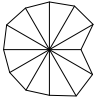


# Motor Trend Cars



# Judge not ...

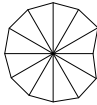
help ("stars")



AARONSON, L.H.



ALEXANDER, J.M.



ARMENTANO, A.J.



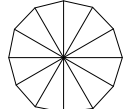
BERDON, R.I.



BRACKEN, J.J.



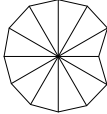
BURNS, E.B.



CALLAHAN, R.J.



COHEN, S.S.



DALY, J.J.



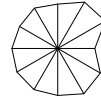
DANNEHY, J.F.



DEAN, H.H.



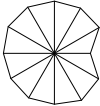
DEVITA, H.J.



DRISCOLL, P.J.



GRILLO, A.E.



HADDEN, W.L.JR.



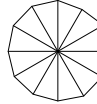
HAMILL, E.C.



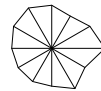
HEALEY, A.H.



HULL, T.C.



LEVINE, I.



LEVISTER, R.L.



MARTIN, L.F.



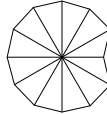
MCGRATH, J.F.



MIGNONE, A.F.



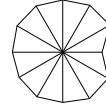
MISSAL, H.M.



MULVEY, H.M.



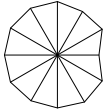
NARUK, H.J.



O'BRIEN, F.J.



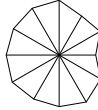
O'SULLIVAN, T.J.



PASKEY, L.



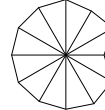
RUBINOW, J.E.



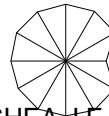
SADEN, G.A.



SATANIELLO, A.G.



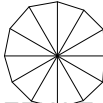
SHEA, D.M.



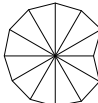
SHEA, J.F.JR.



SIDOR, W.J.



SPEZIALE, J.A.



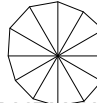
SPONZO, M.J.



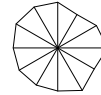
STAPLETON, J.F.



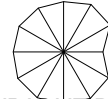
TESTO, R.J.



TIERNEY, W.L.JR.



WALL, R.A.

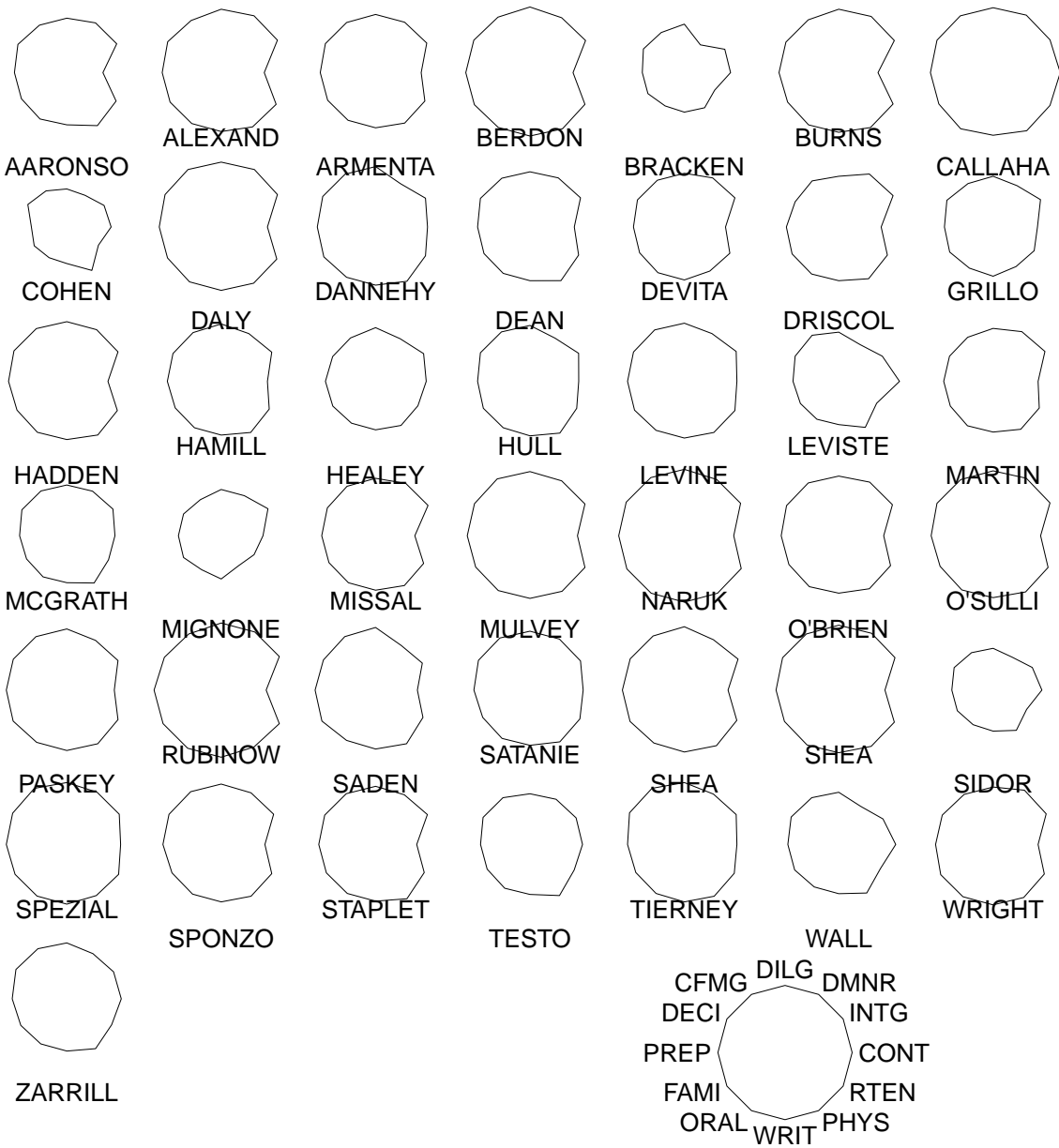


WRIGHT, D.B.



ZARRILLI, K.J.

CFMG  
DECI  
PREP  
FAMI  
ORAL  
DILG  
DMNR  
INTG  
CONT  
RTEN  
PHYS  
WRIT



# Judge not ...

help("stars")

AARONSO

ALEXAND

ARMENTA

BERDON

BRACKEN

BURNS

CALLAHA

COHEN

DALY

DANNEHY

DEAN

DEVITA

DRISCOL

GRILLO

HADDEN

HAMILL

HEALEY

HULL

LEVINE

LEVISTE

MARTIN

MCGRATH

MIGNONE

MISSAL

MULVEY

NARUK

O'BRIEN

O'SULLI

PASKEY

RUBINOW

SADEN

SATANIE

SHEA

SHEA

SIDOR

SPEZIAL

SPONZO

STAPLET

TESTO

TIERNEY

WALL

WRIGHT

ZARRILL

CFMG

DILG

DMNR

DECI

INTG

PREP

CONT

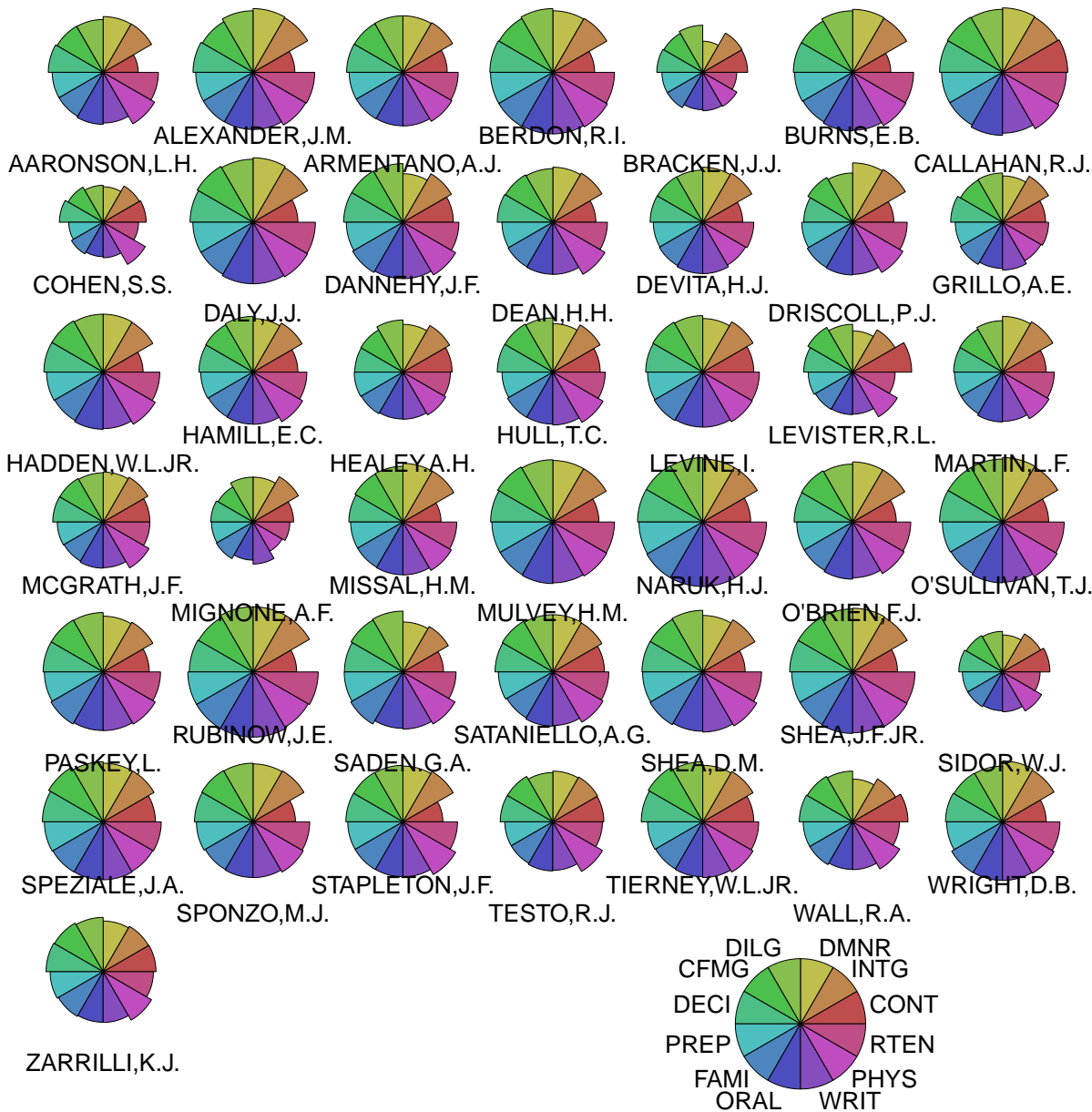
FAMI

RTEN

ORAL

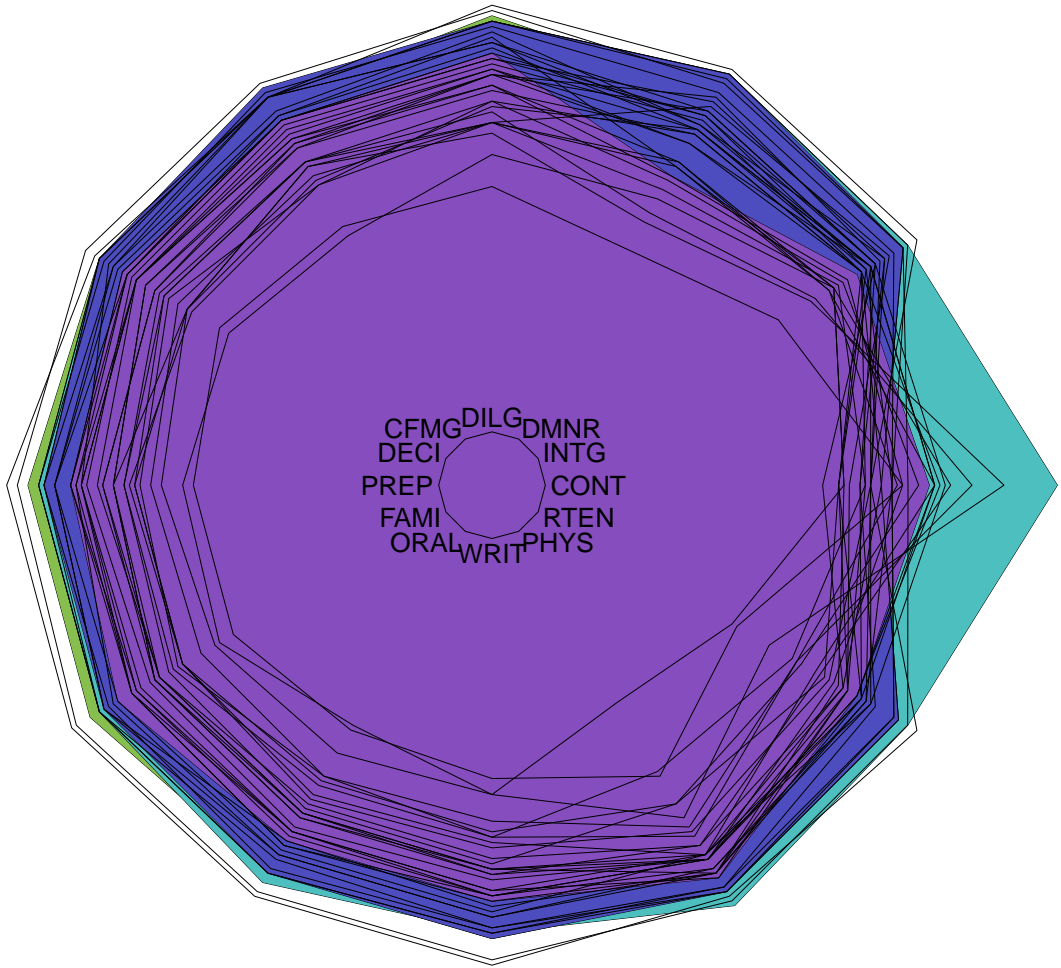
WRIT

PHYS

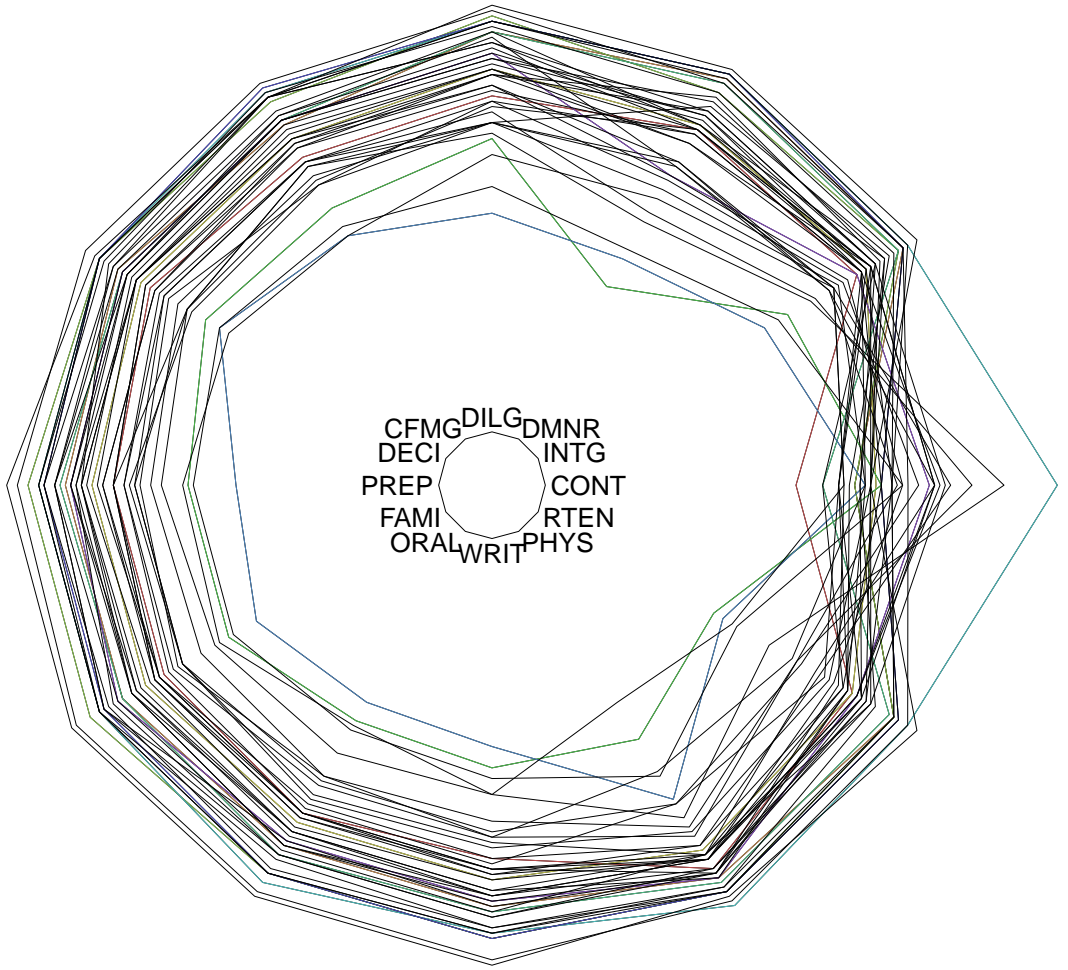




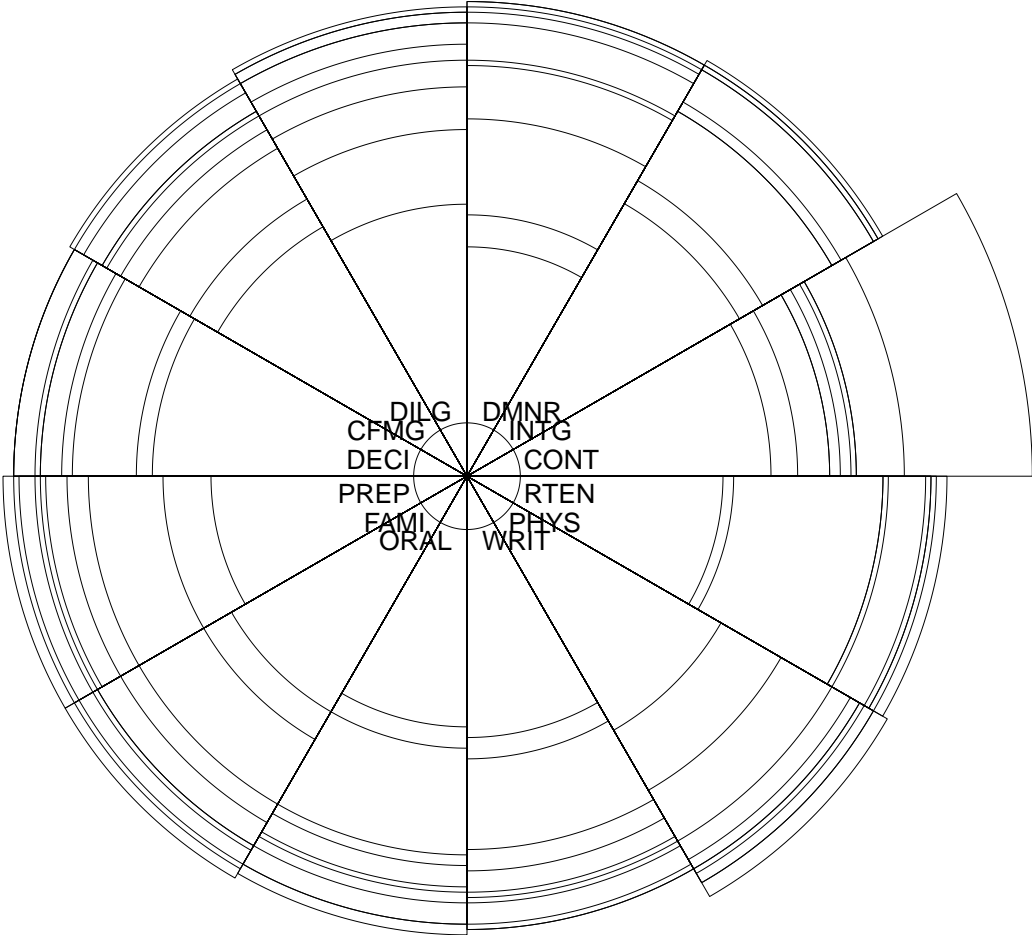
# US Judges rated



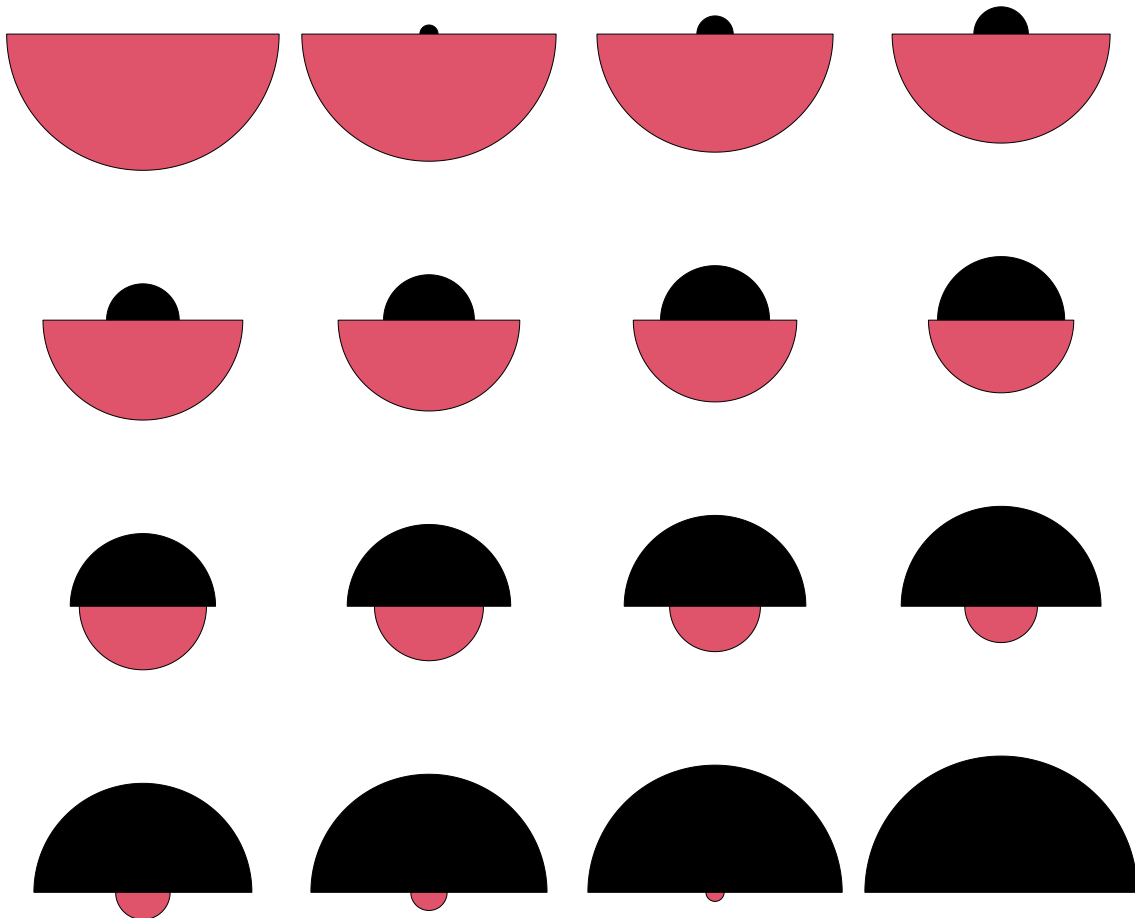
# US Judges rated



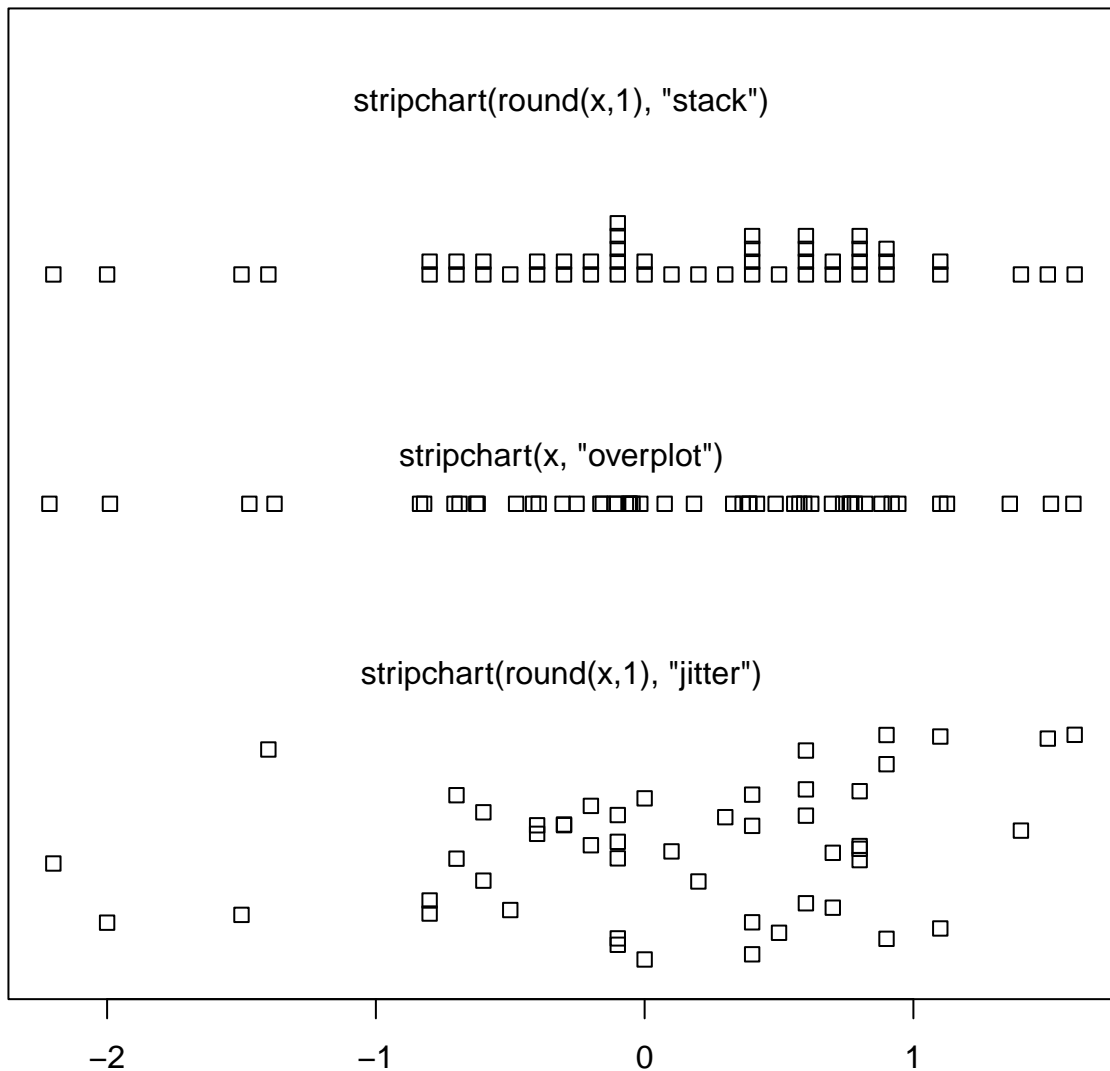
US Judges 1-10



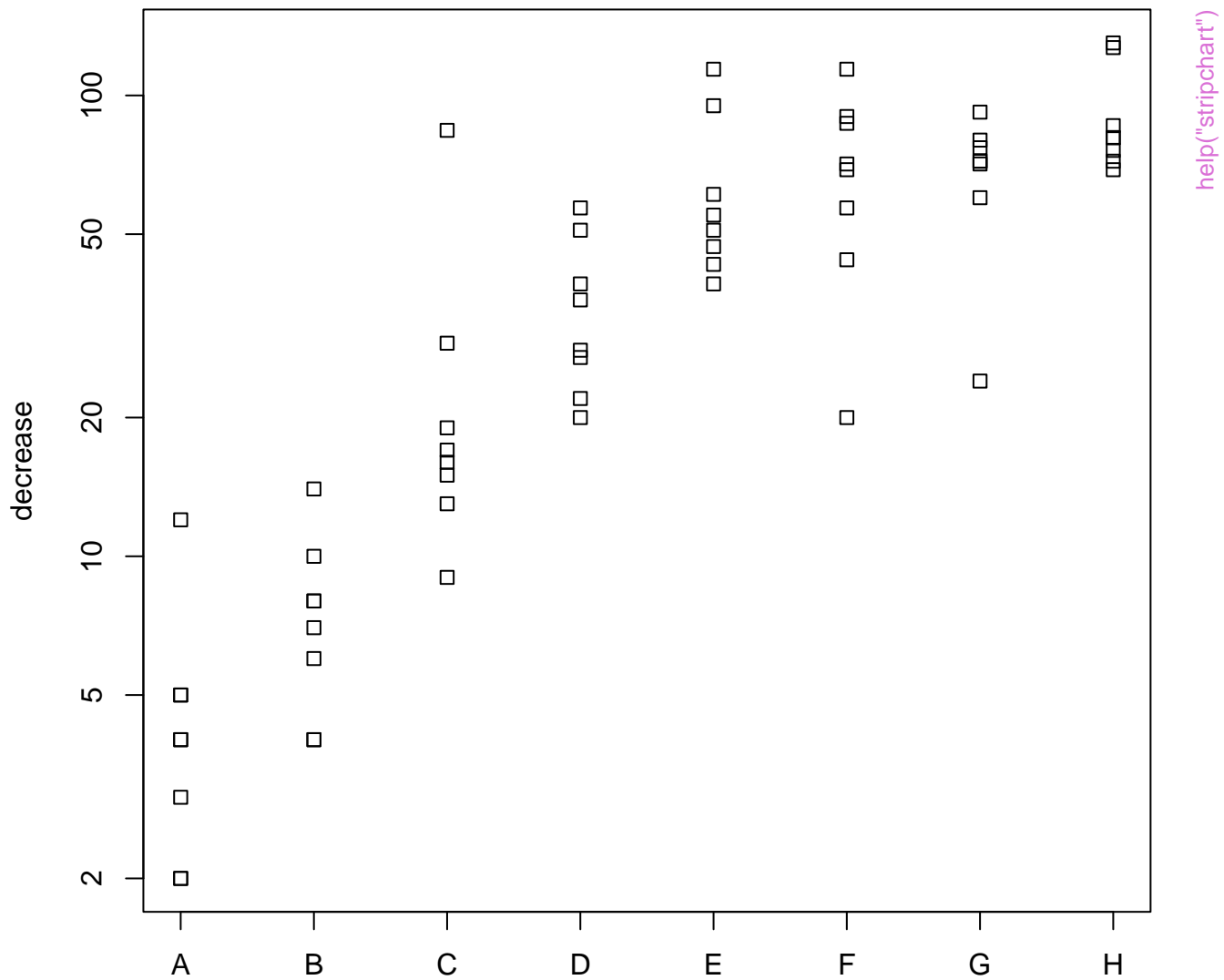
A Joke -- do *\*not\** use symbols on 2D data!



help("stars")

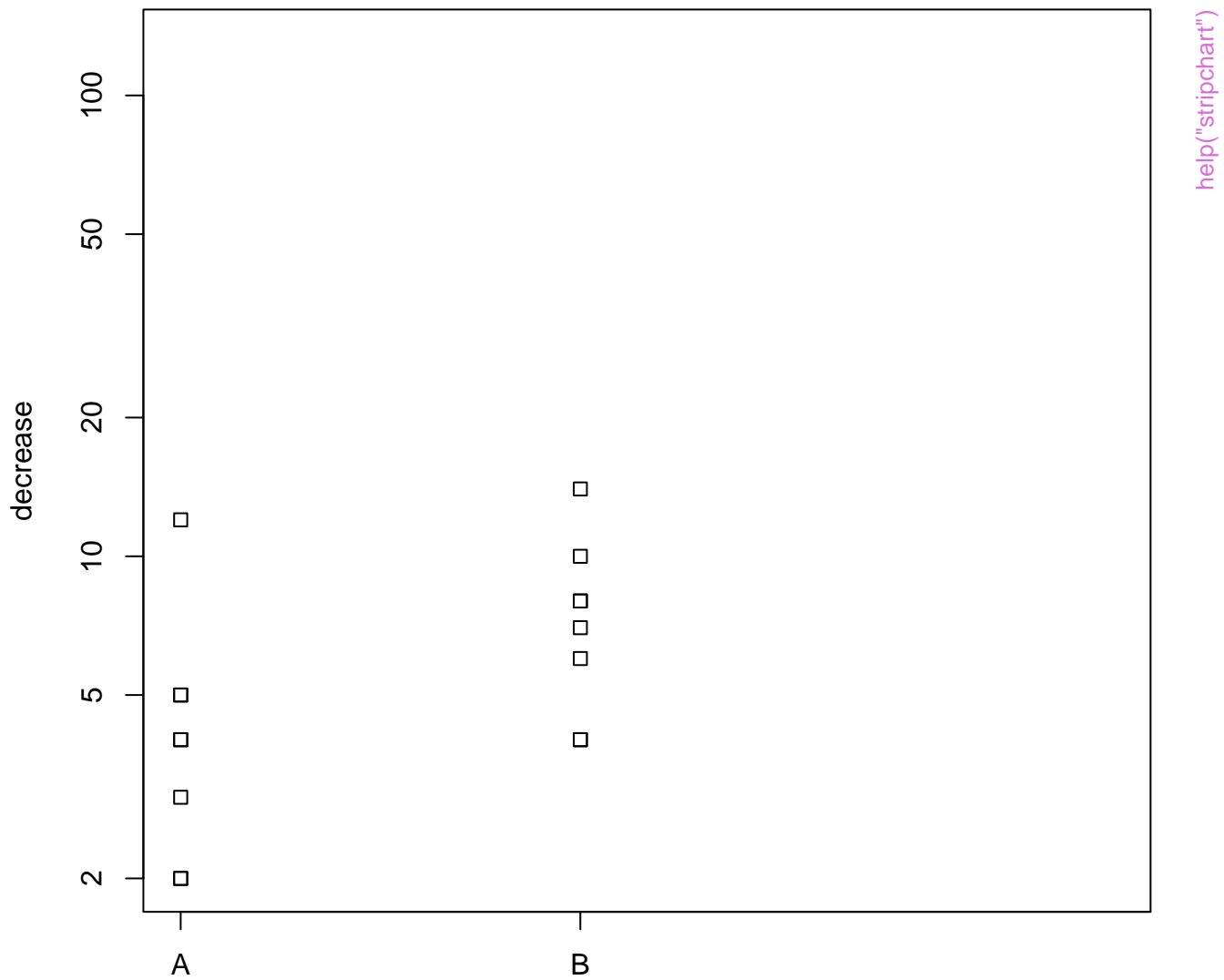


# stripchart(OrchardSprays)

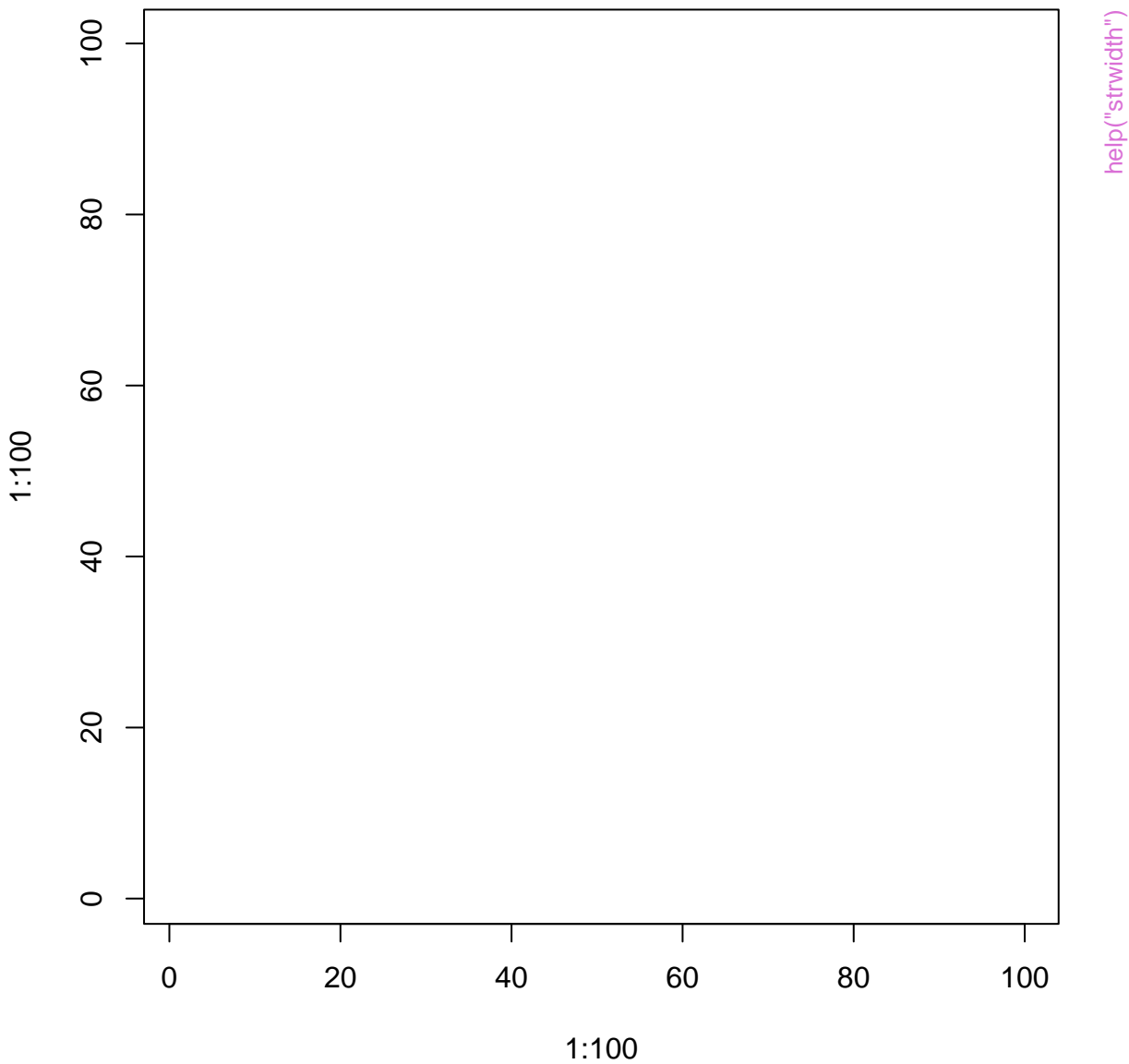


help("stripchart")

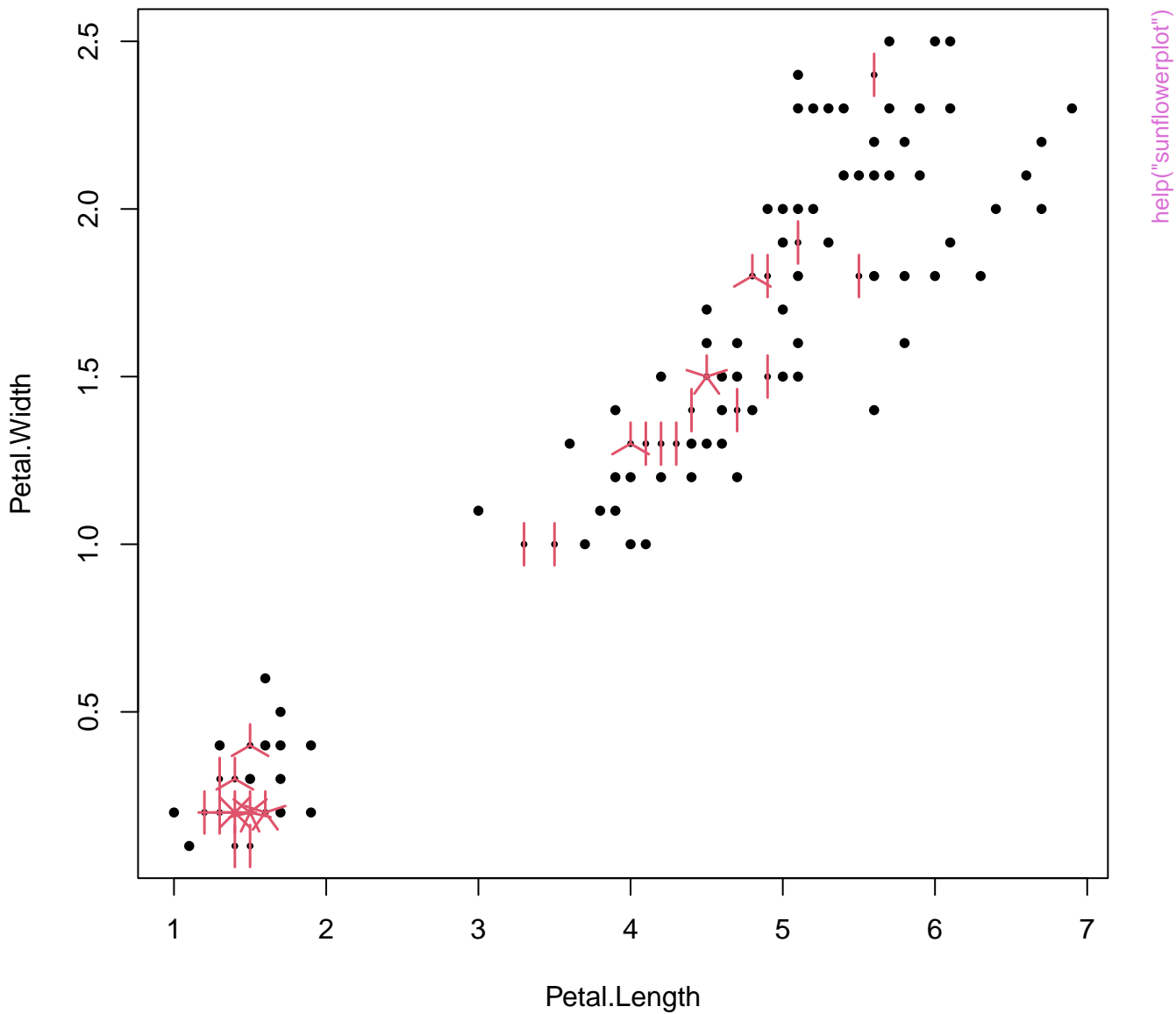
# stripchart(OrchardSprays)

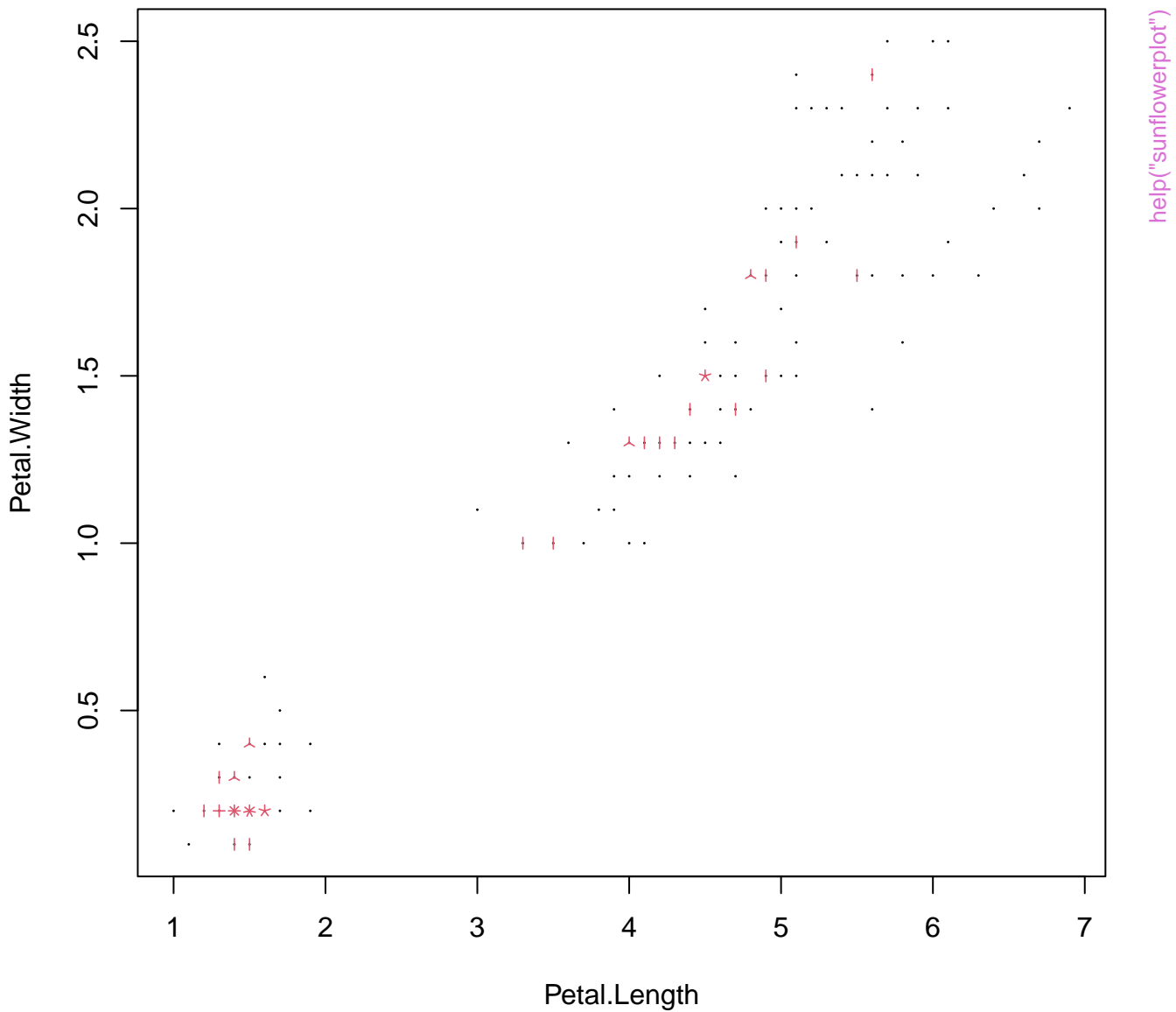


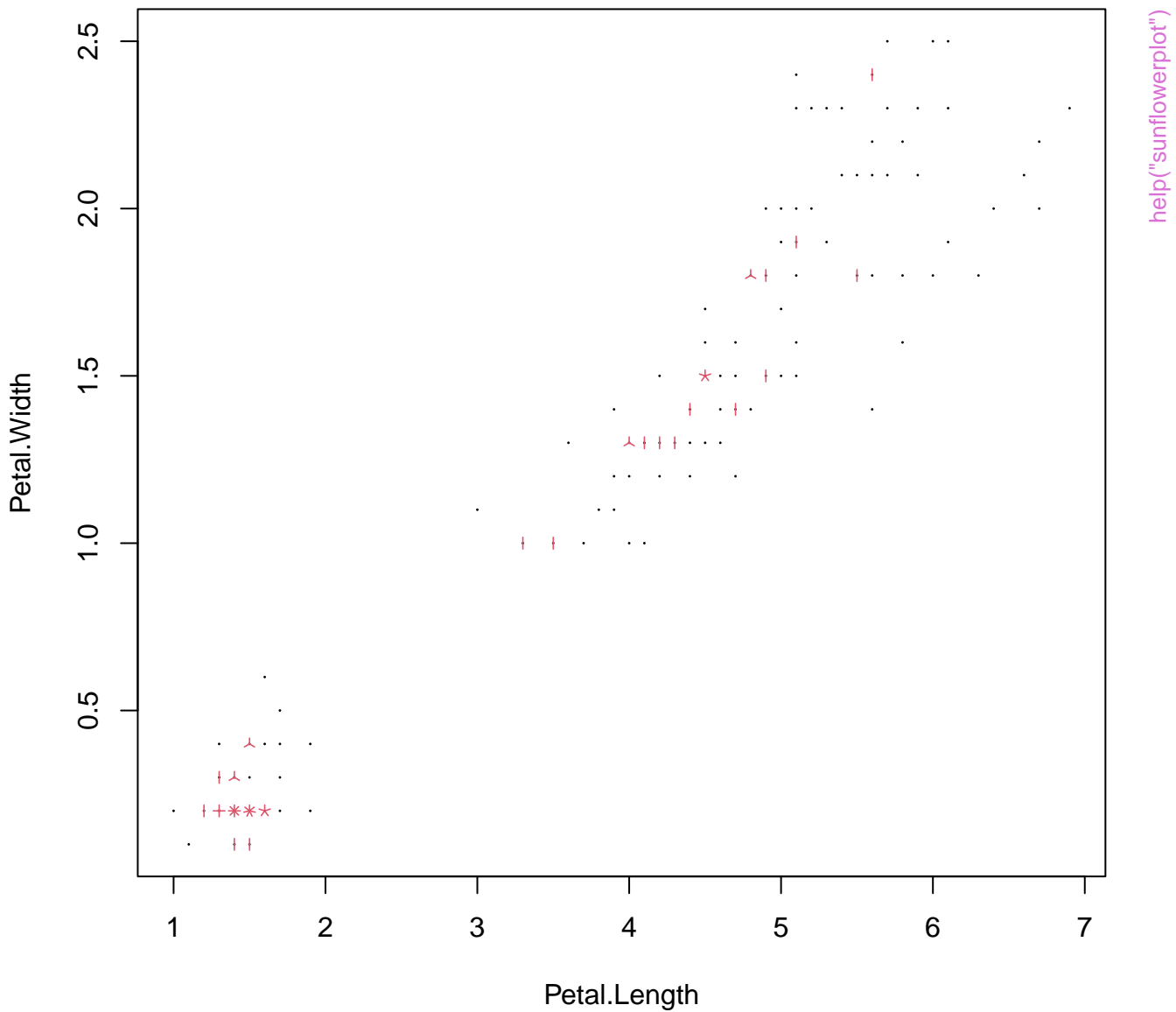
help("stripchart")



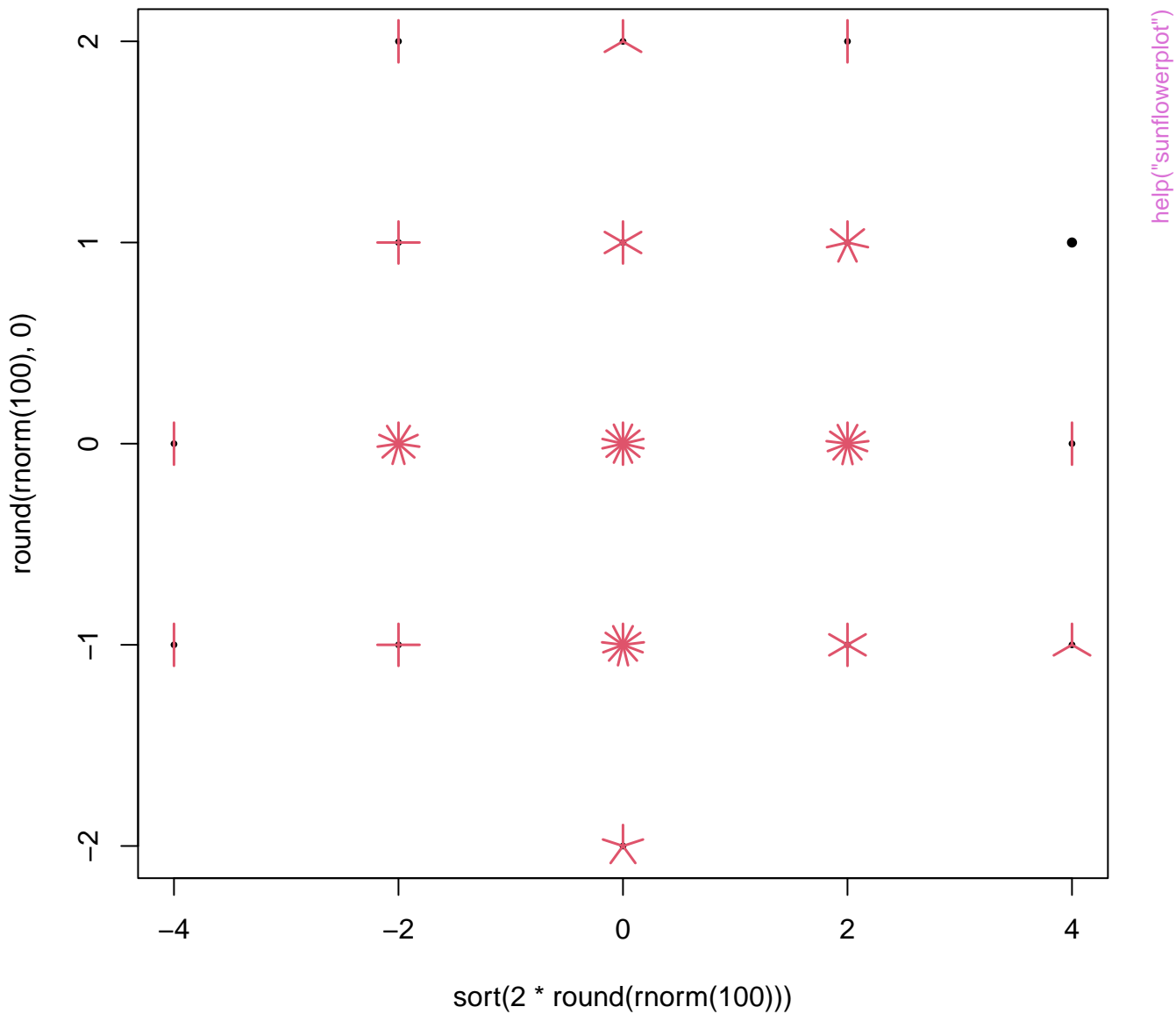




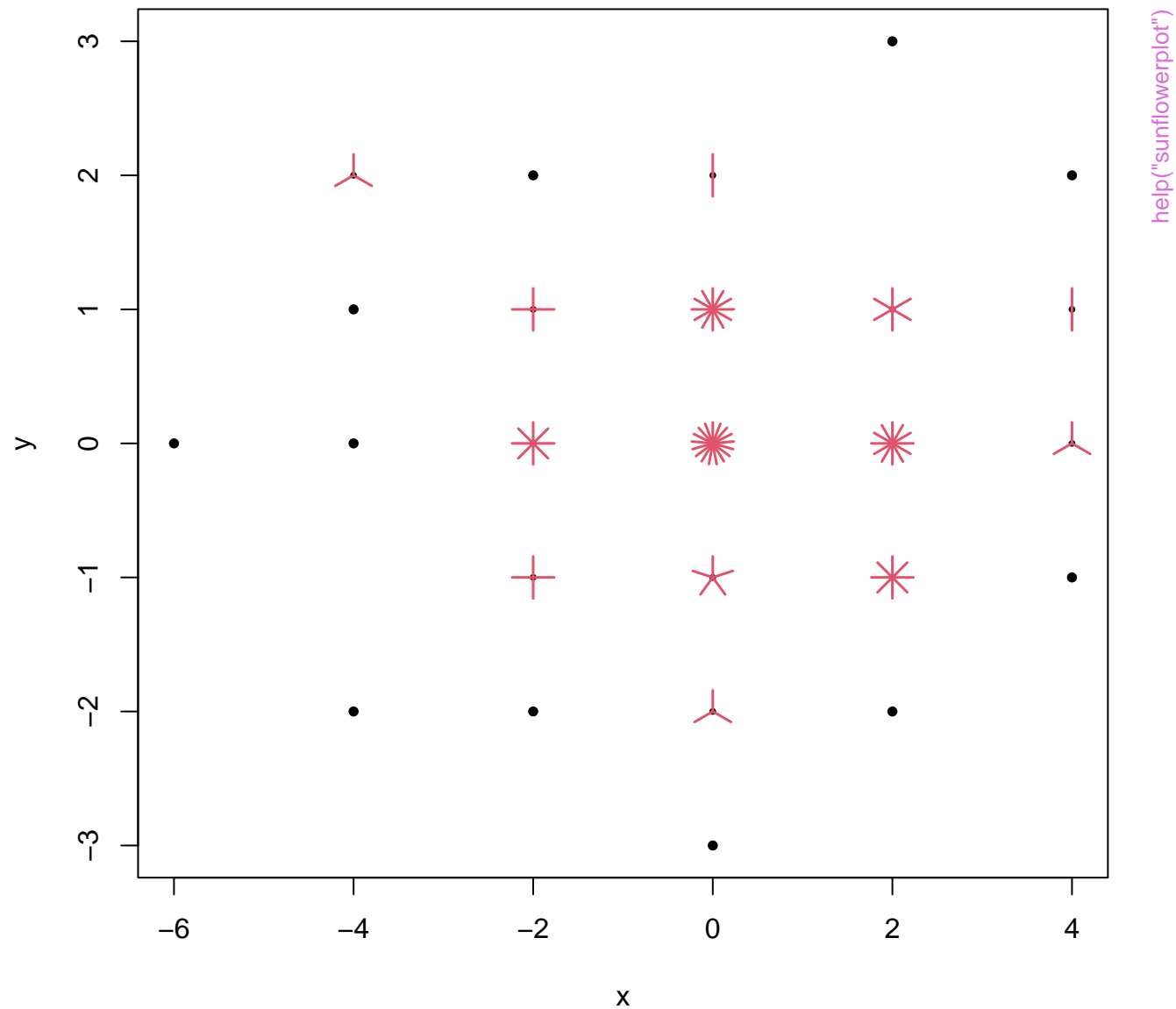




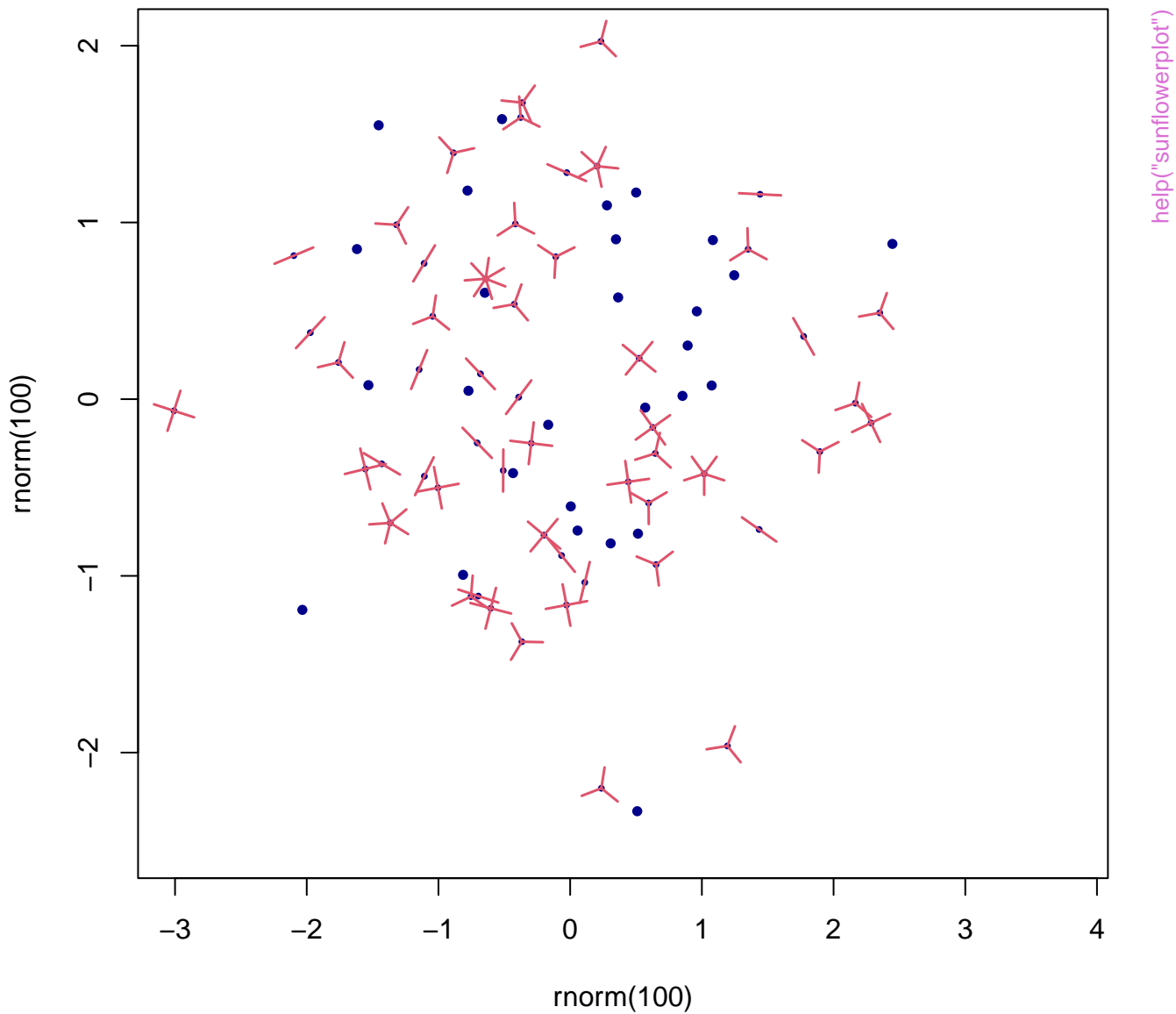
**Sunflower Plot of Rounded  $N(0,1)$**

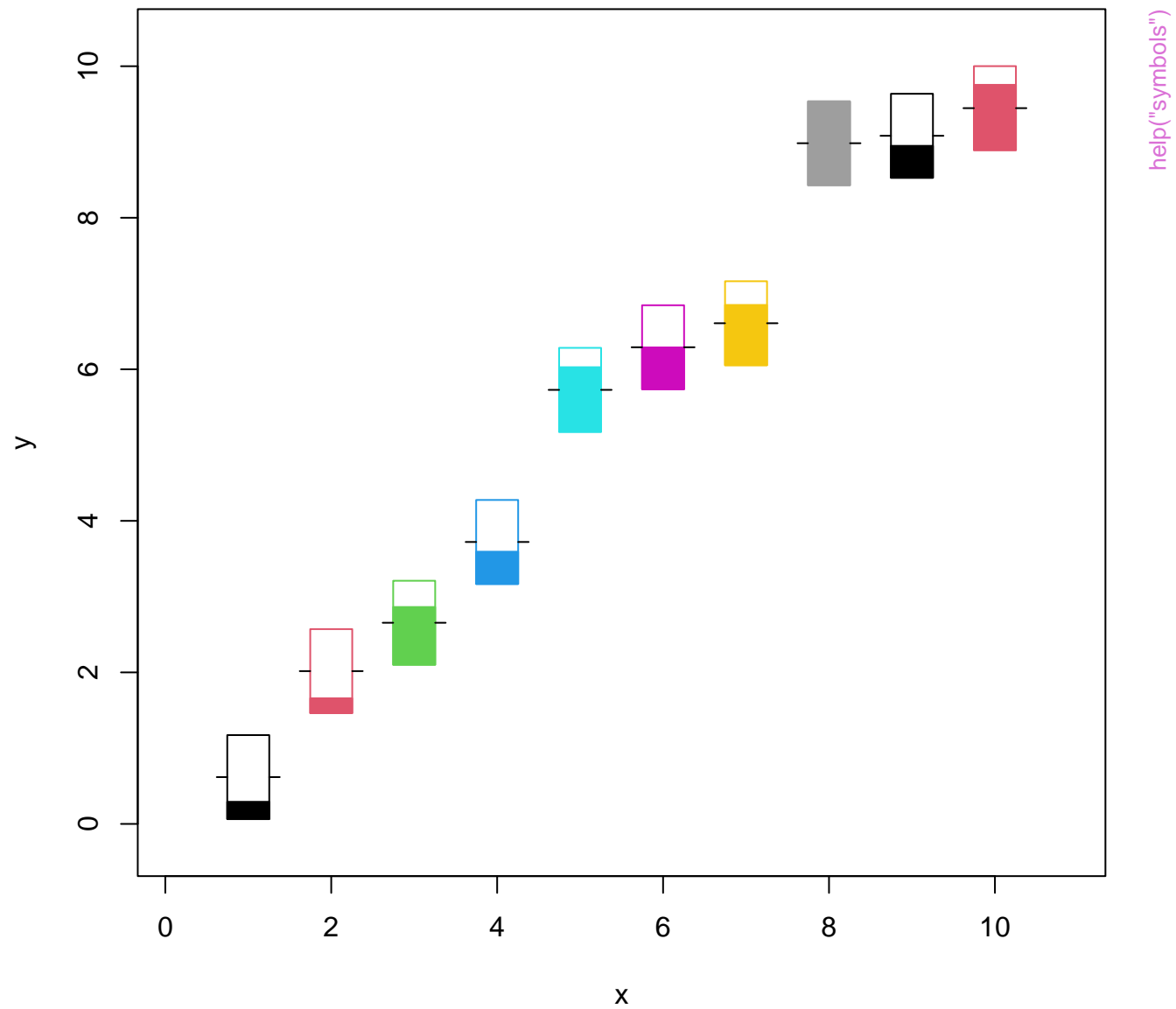


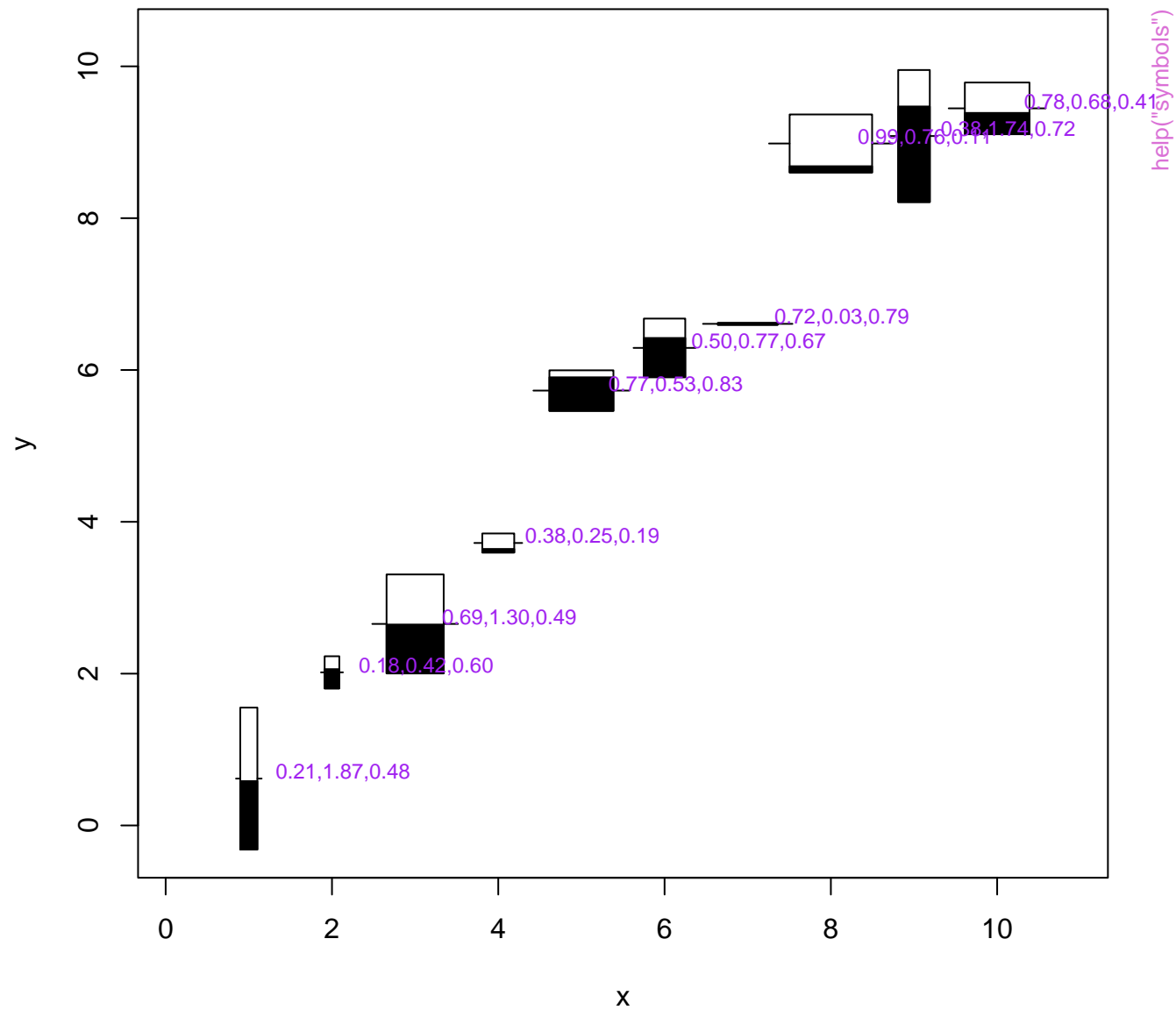
2nd Sunflower Plot of Rounded  $N(0,1)$



Sunflower plot (marked point process)

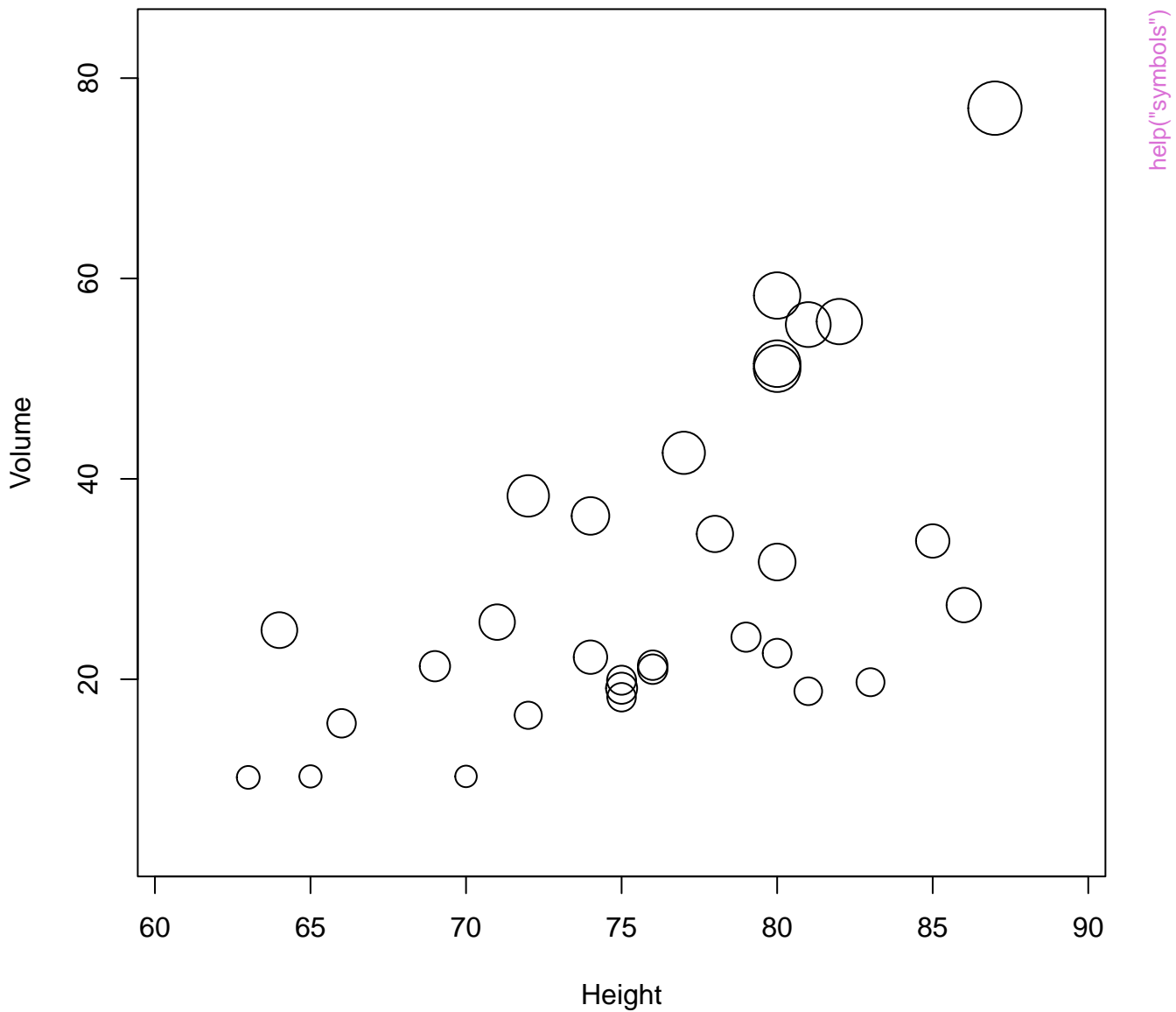




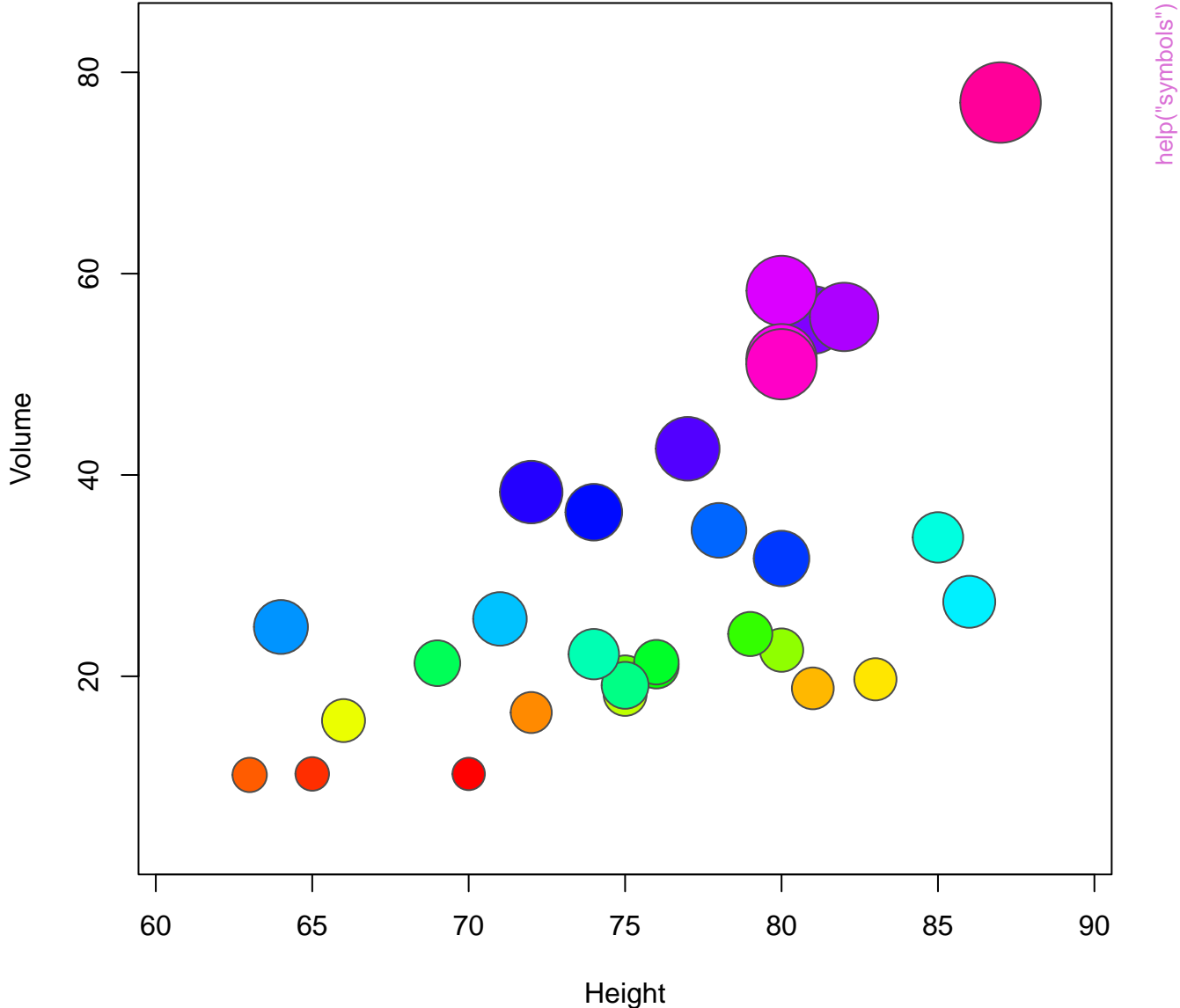




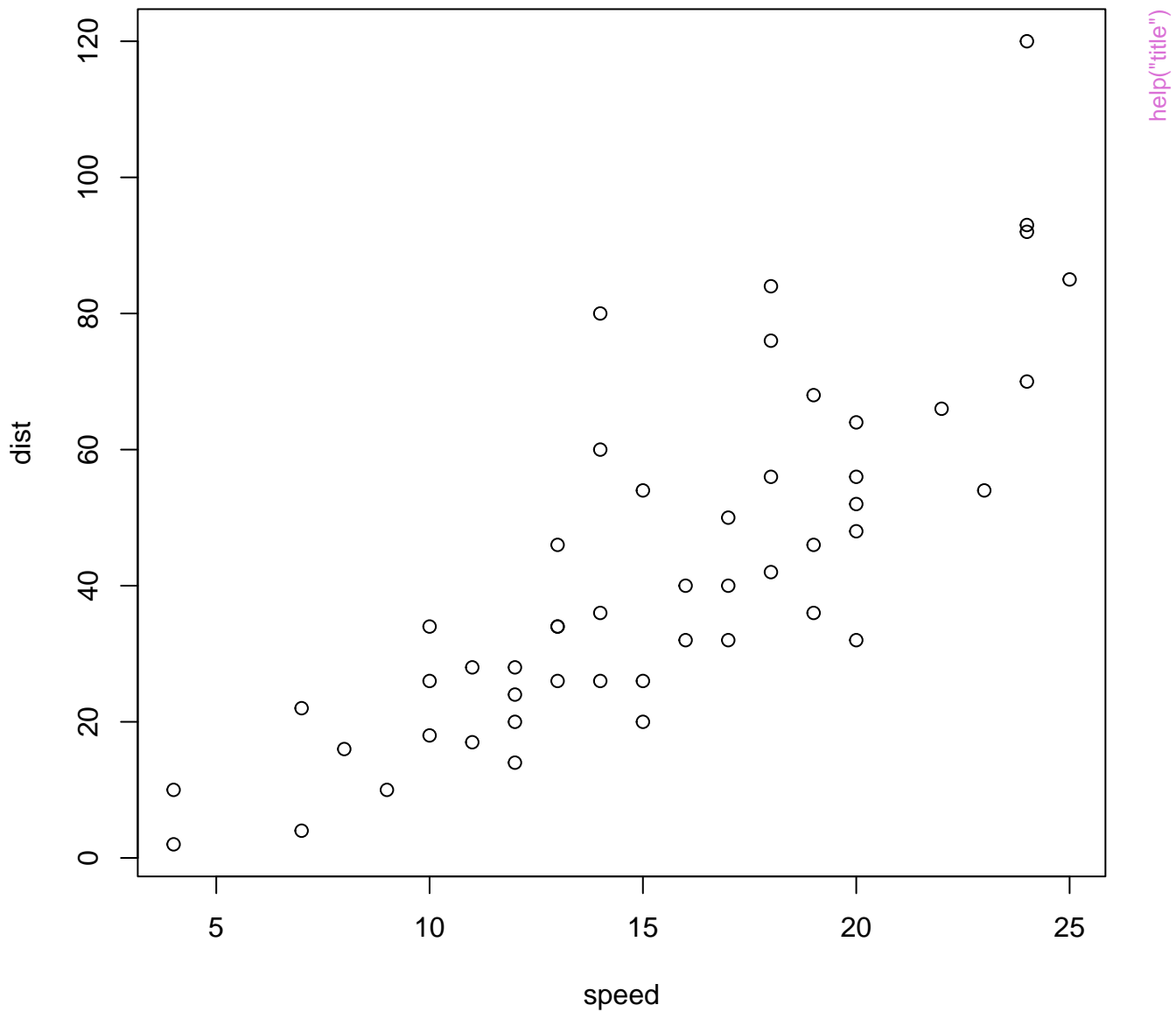
# Trees' Girth



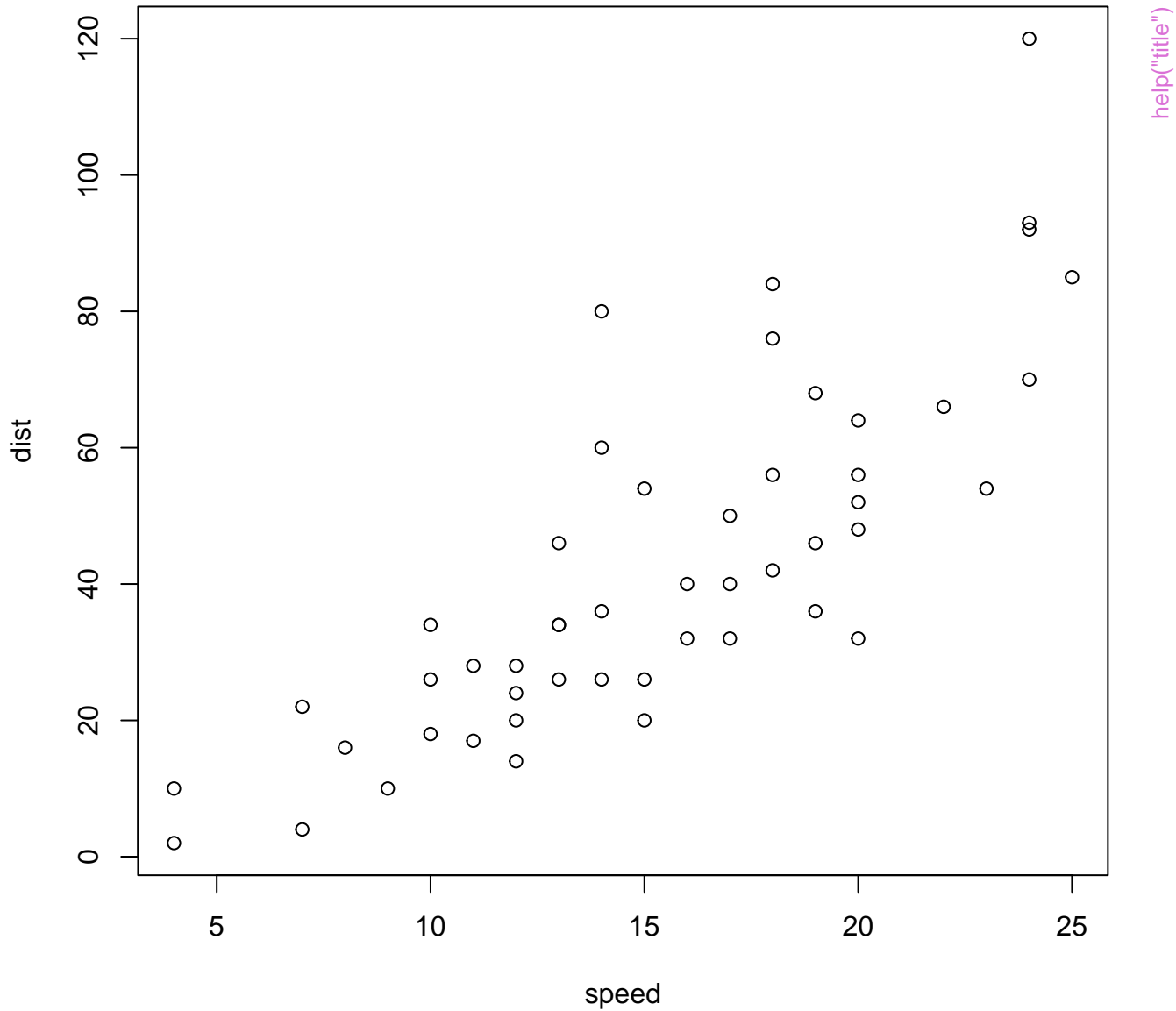
**symbols(\*, circles = Girth/16, bg = 1:N)**



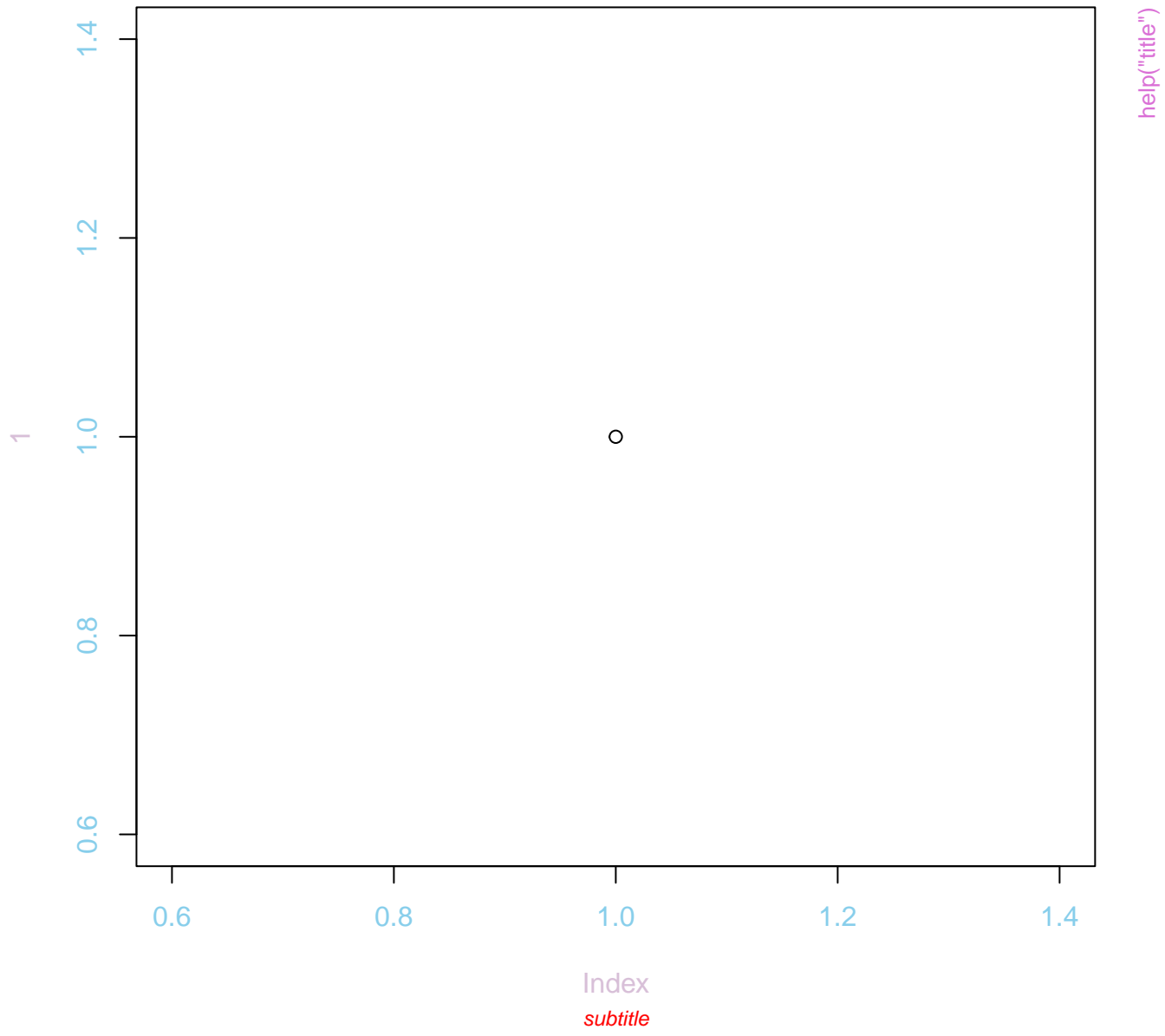
# Stopping Distance versus Speed



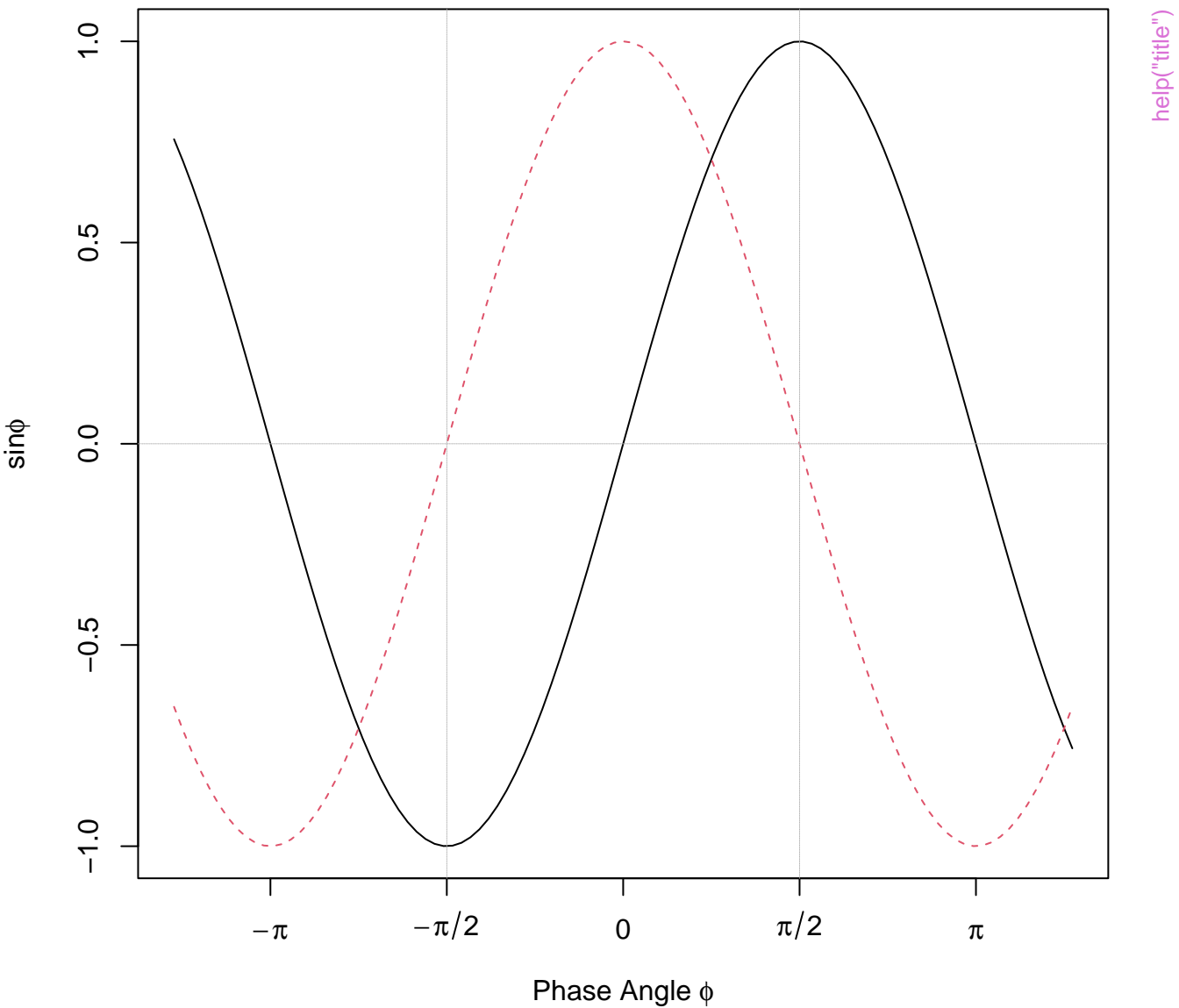
# *Stopping Distance versus Speed*



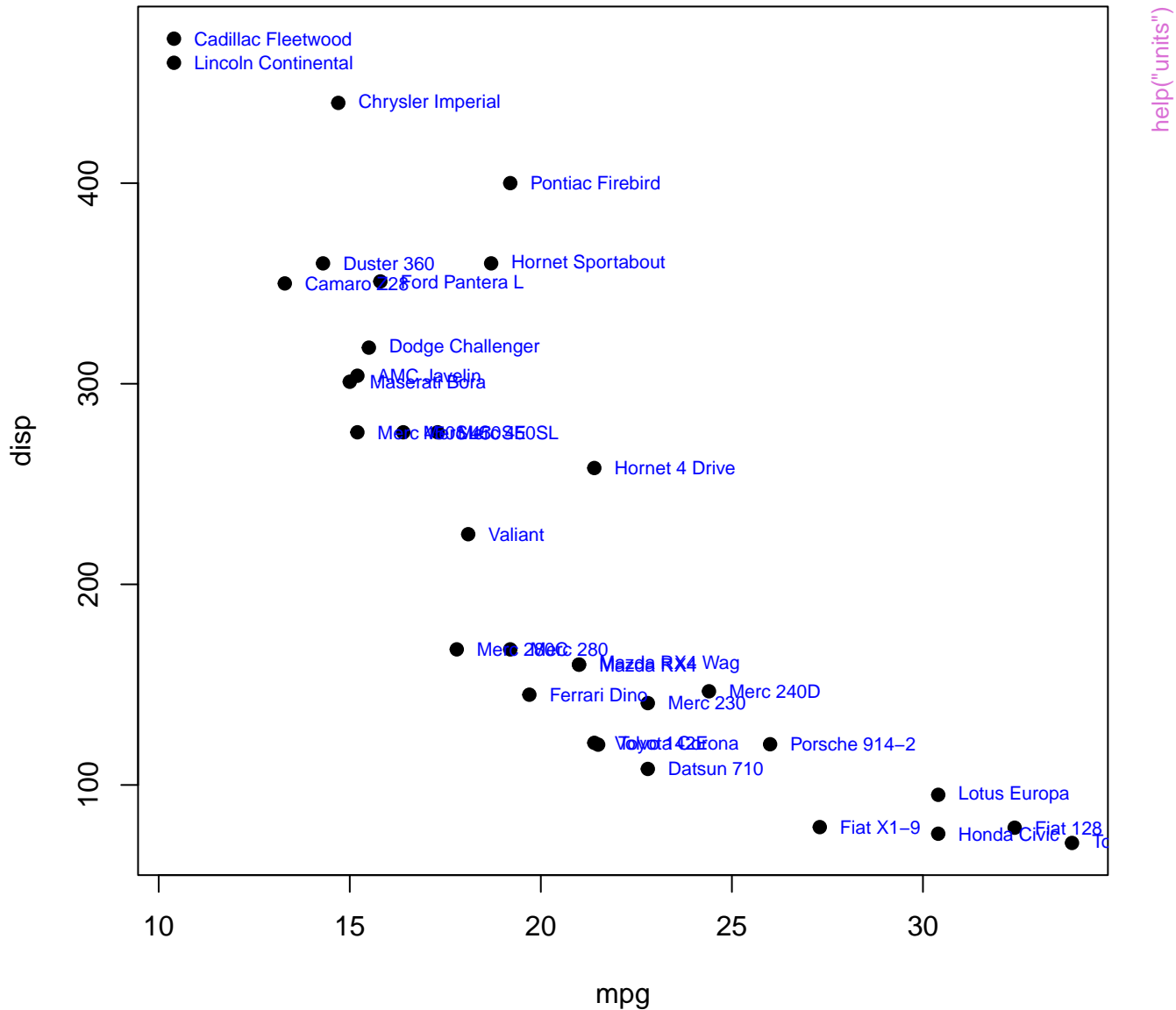
# ***Main Title***



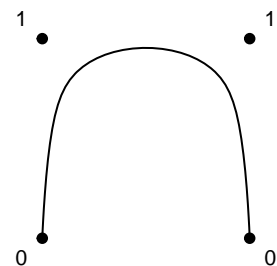
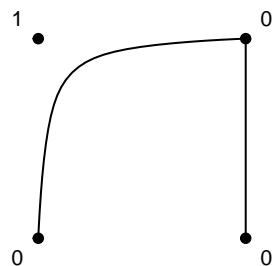
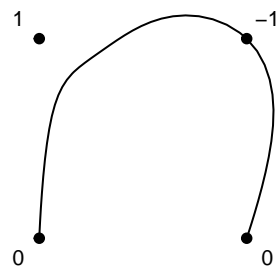
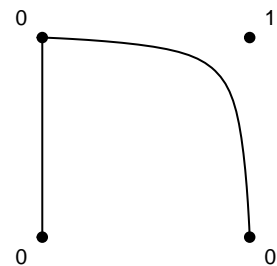
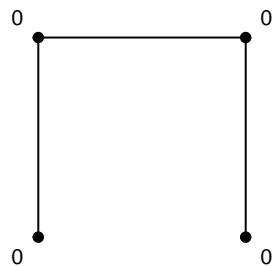
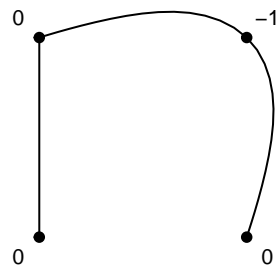
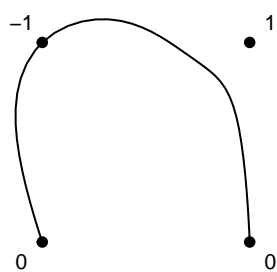
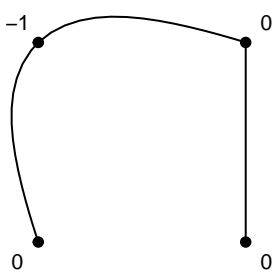
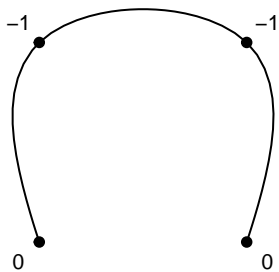
$\sin\phi$  and  $\cos\phi$



# Motor Trend Cars



# Open X-splines





## Closed X-splines

