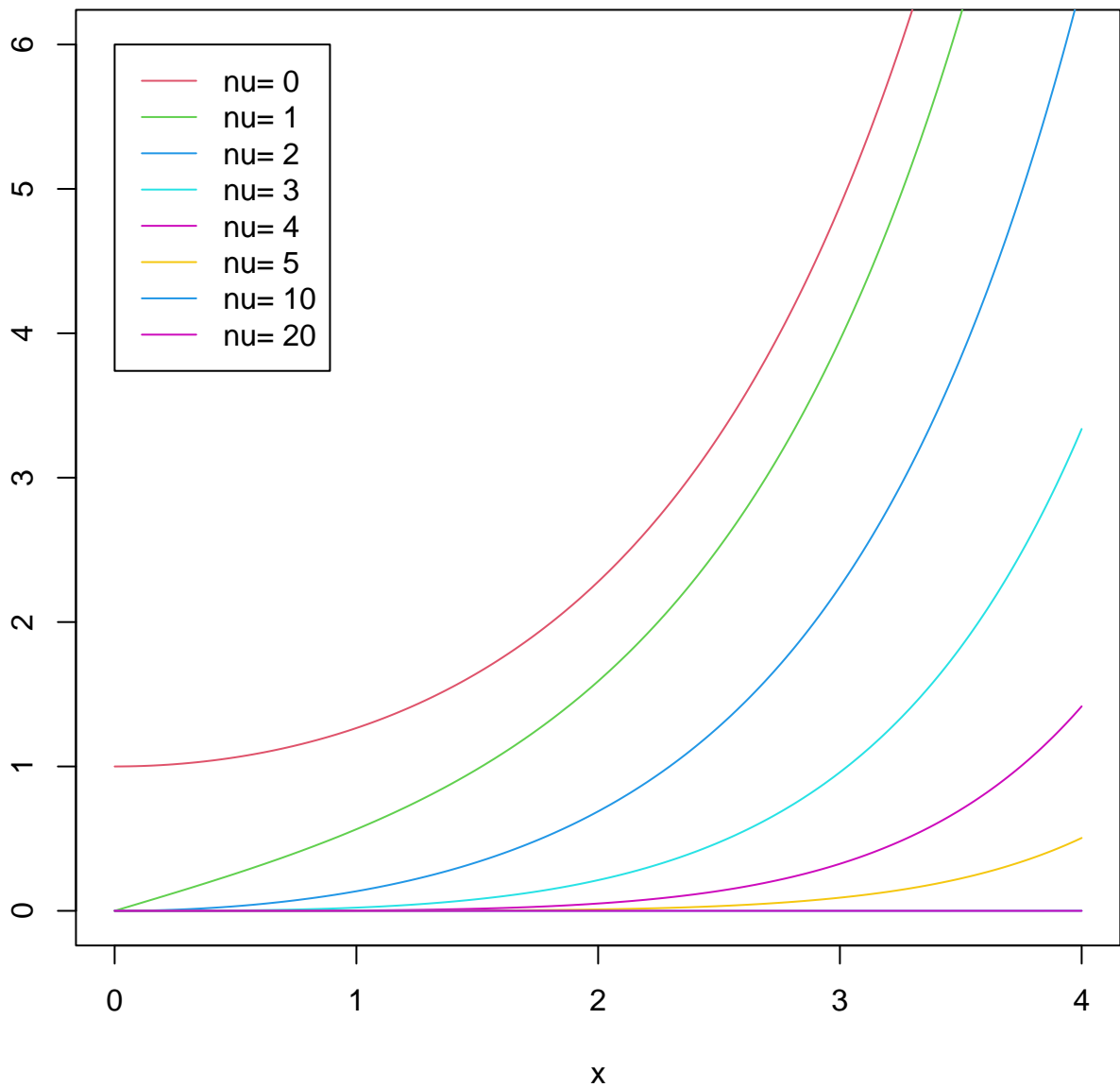
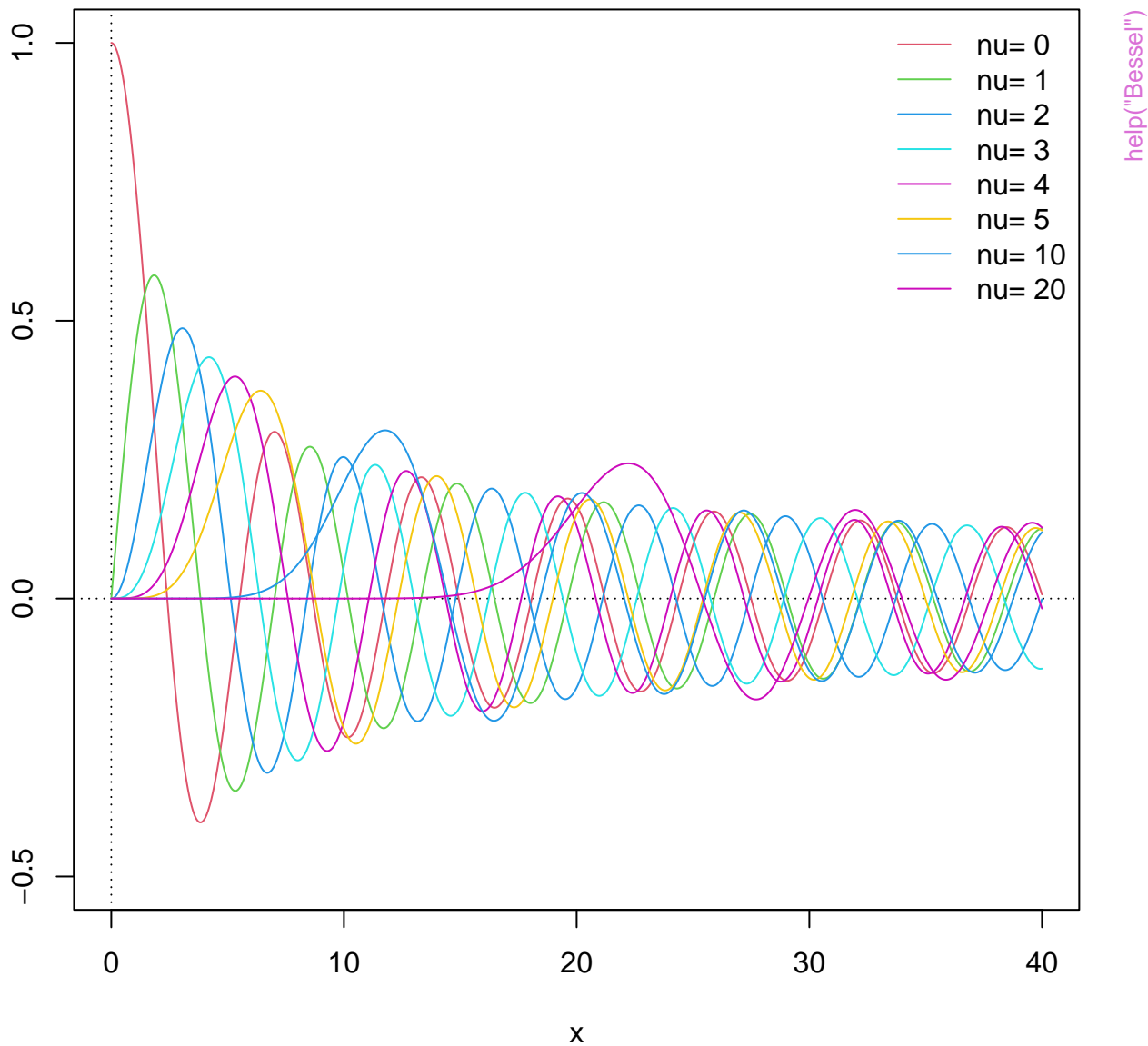


# Bessel Functions $I_\nu(x)$

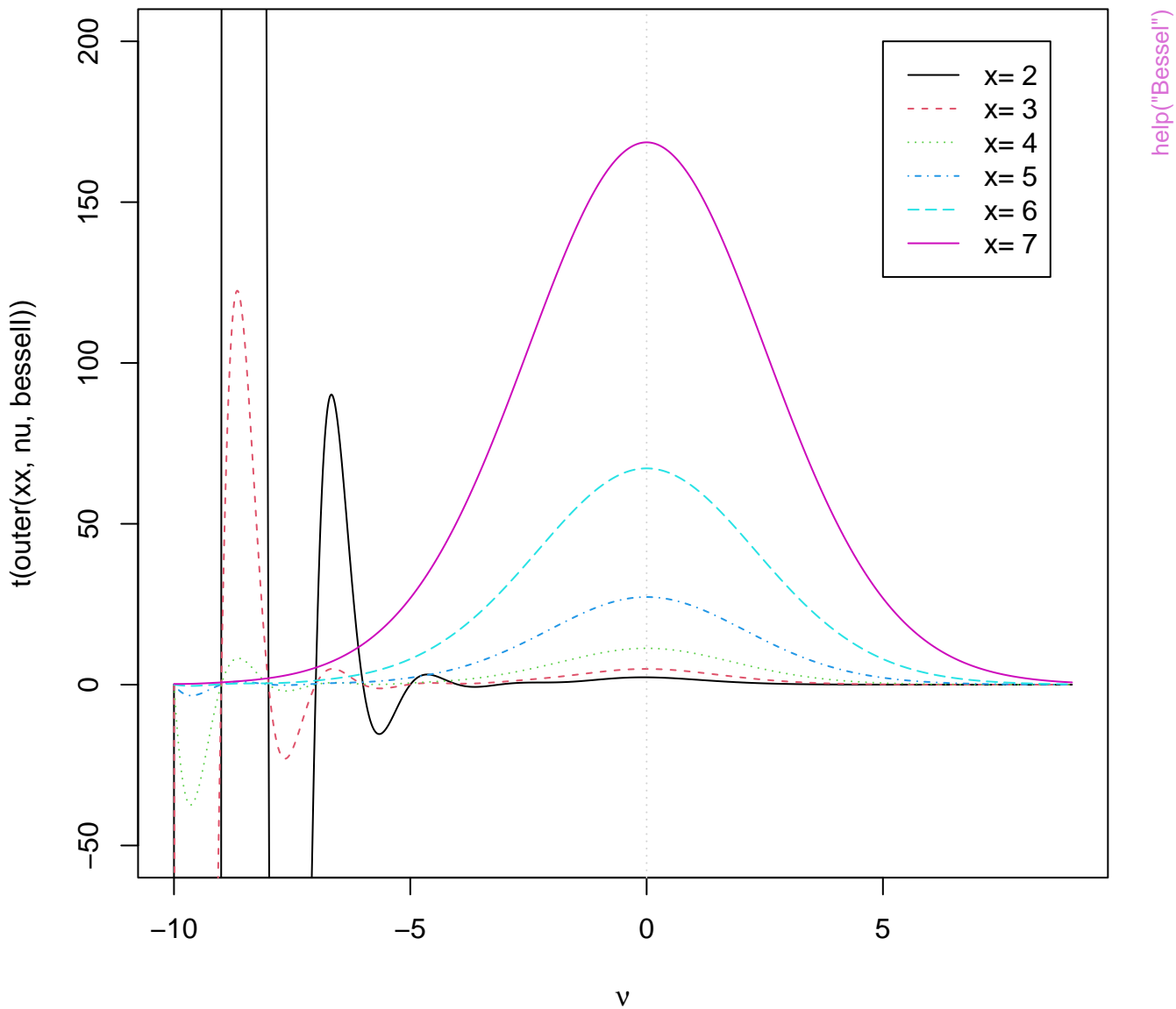


help("Bessel")

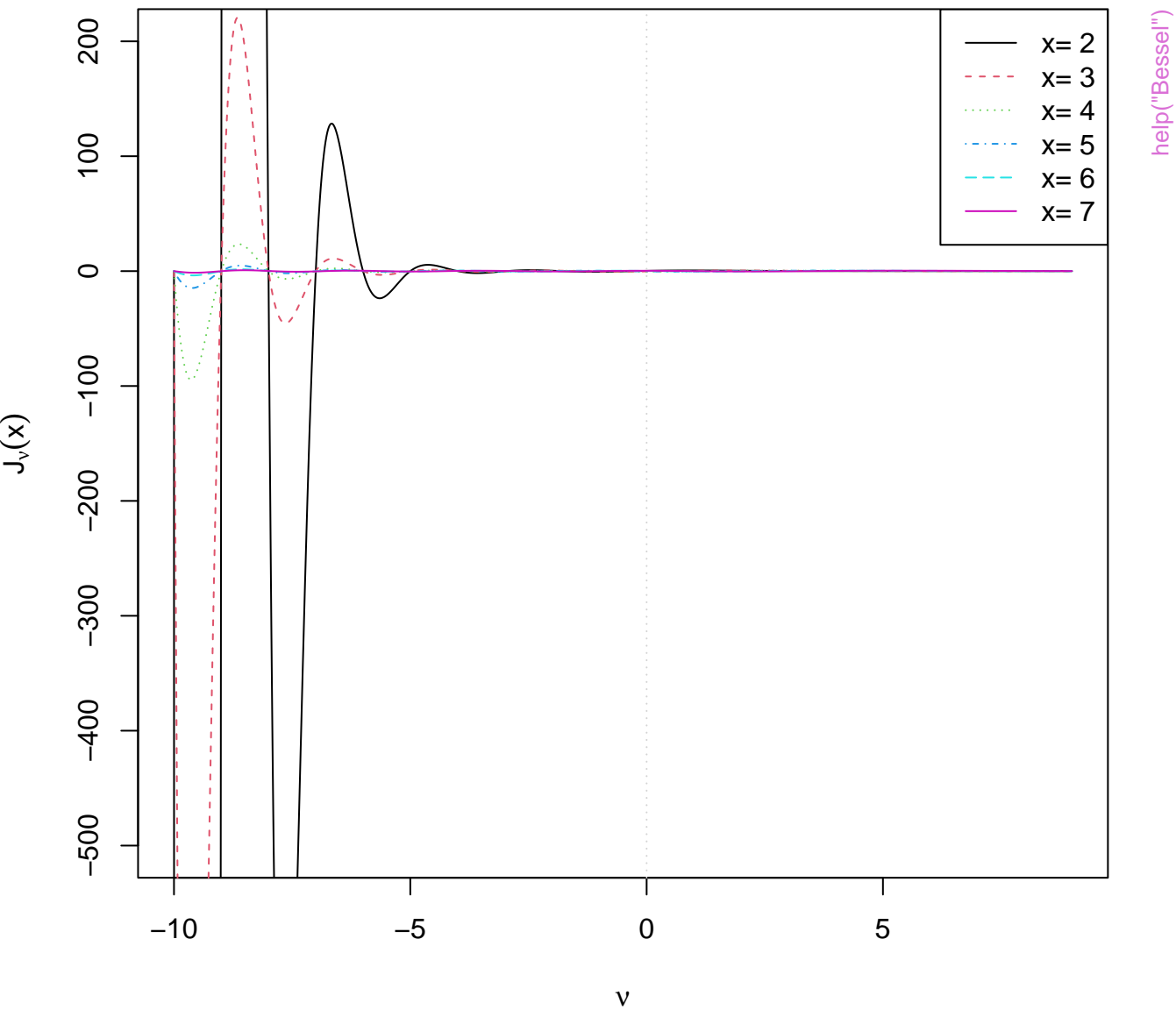
# Bessel Functions $J_\nu(x)$



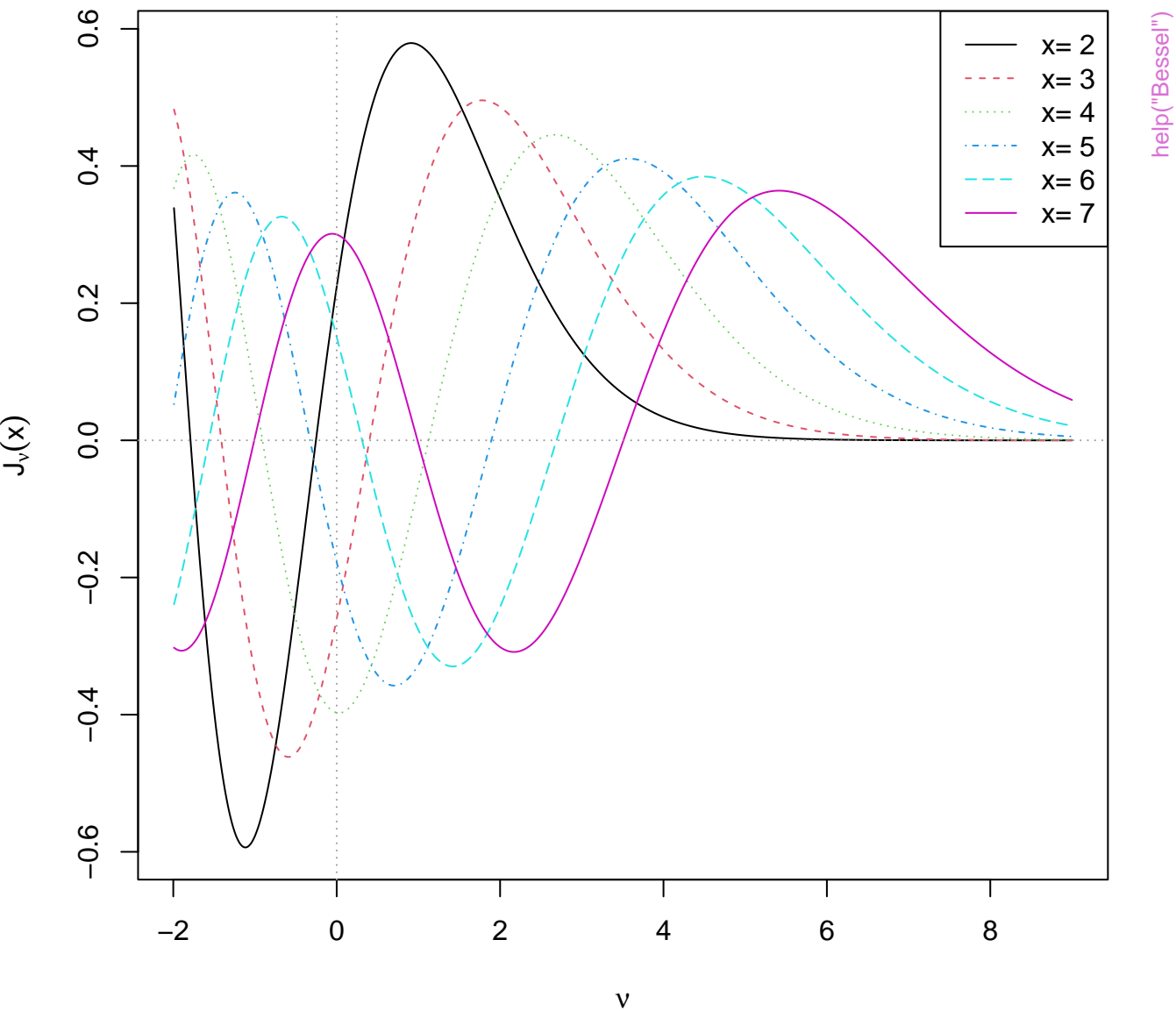
Bessel  $I_\nu(x)$  for fixed  $x$ , as  $f(v)$



# Bessel $J_\nu(x)$ for fixed $x$

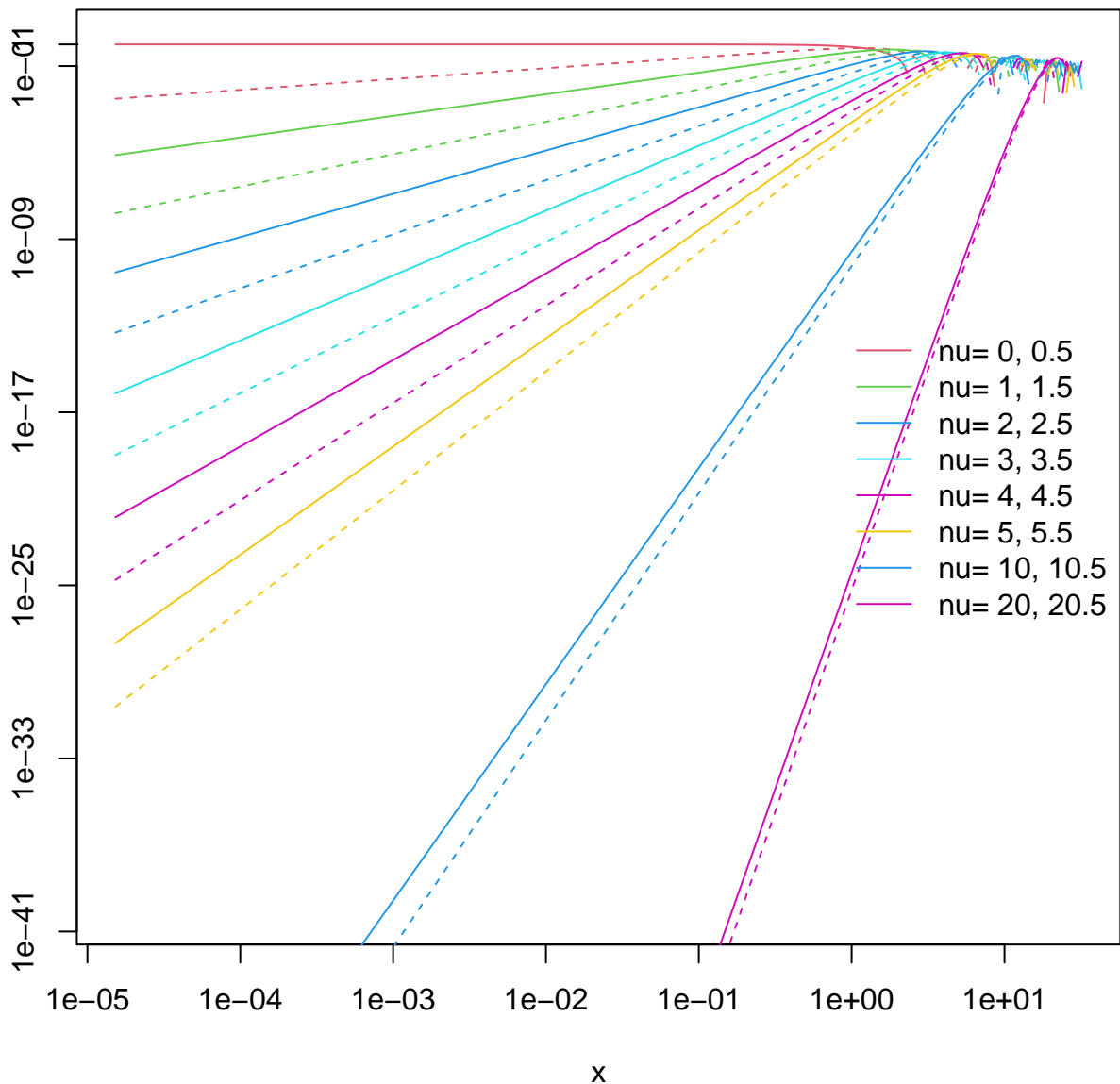


Bessel  $J_v(x)$  for fixed  $x$



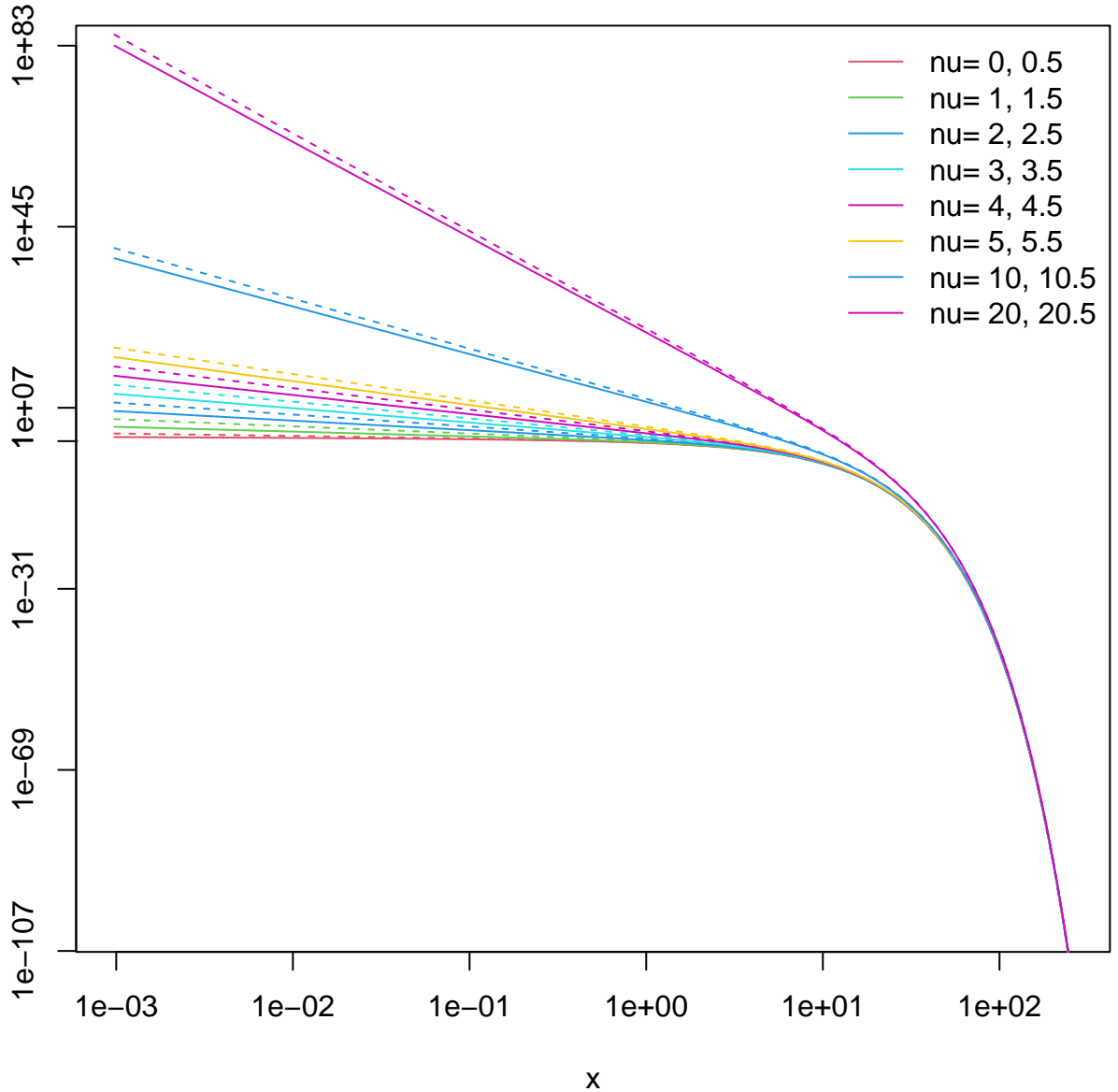
# Bessel Functions $J_\nu(x)$ near 0

## log – log scale

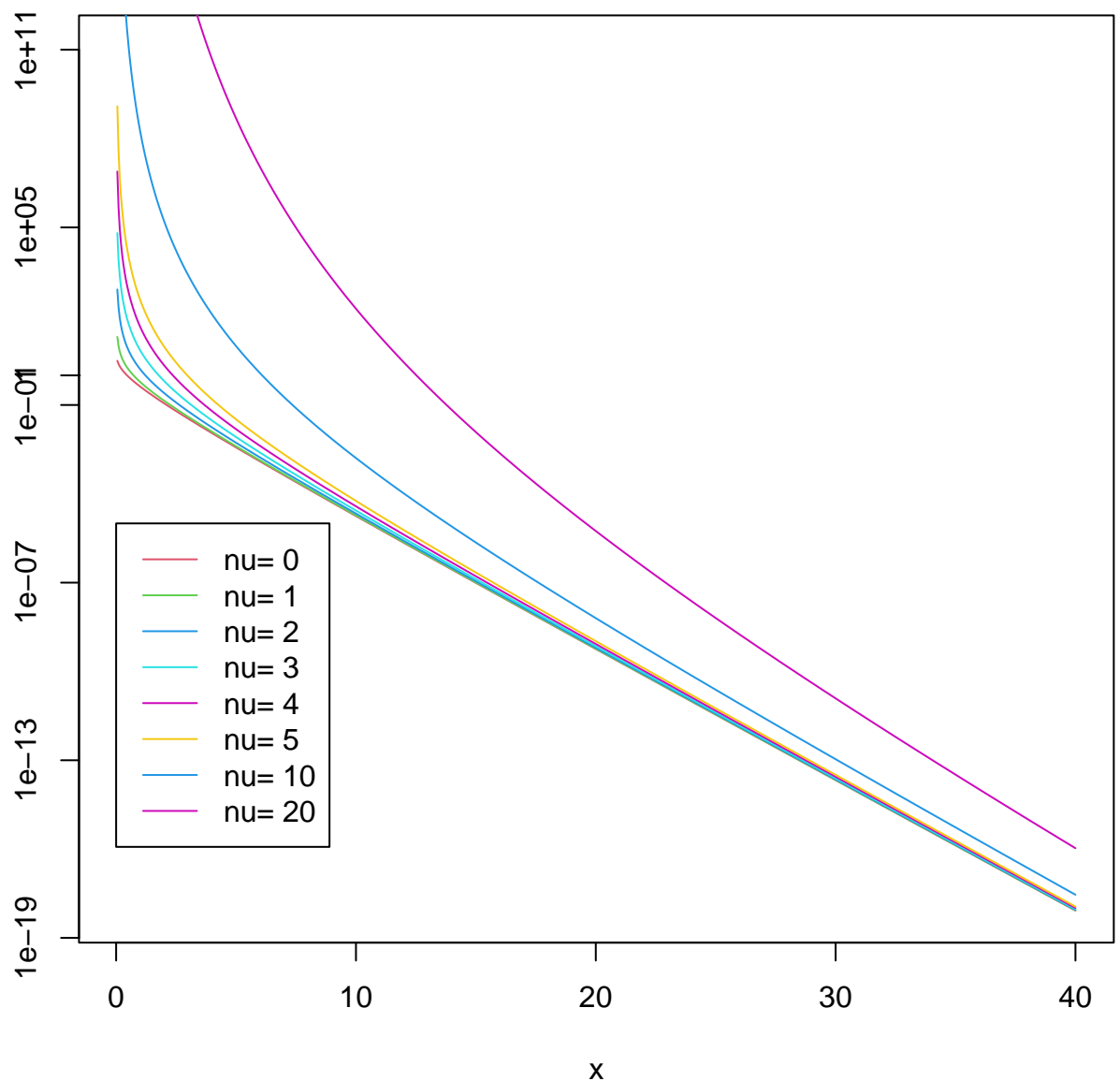


# Bessel Functions $K_\nu(x)$ near 0

## log – log scale



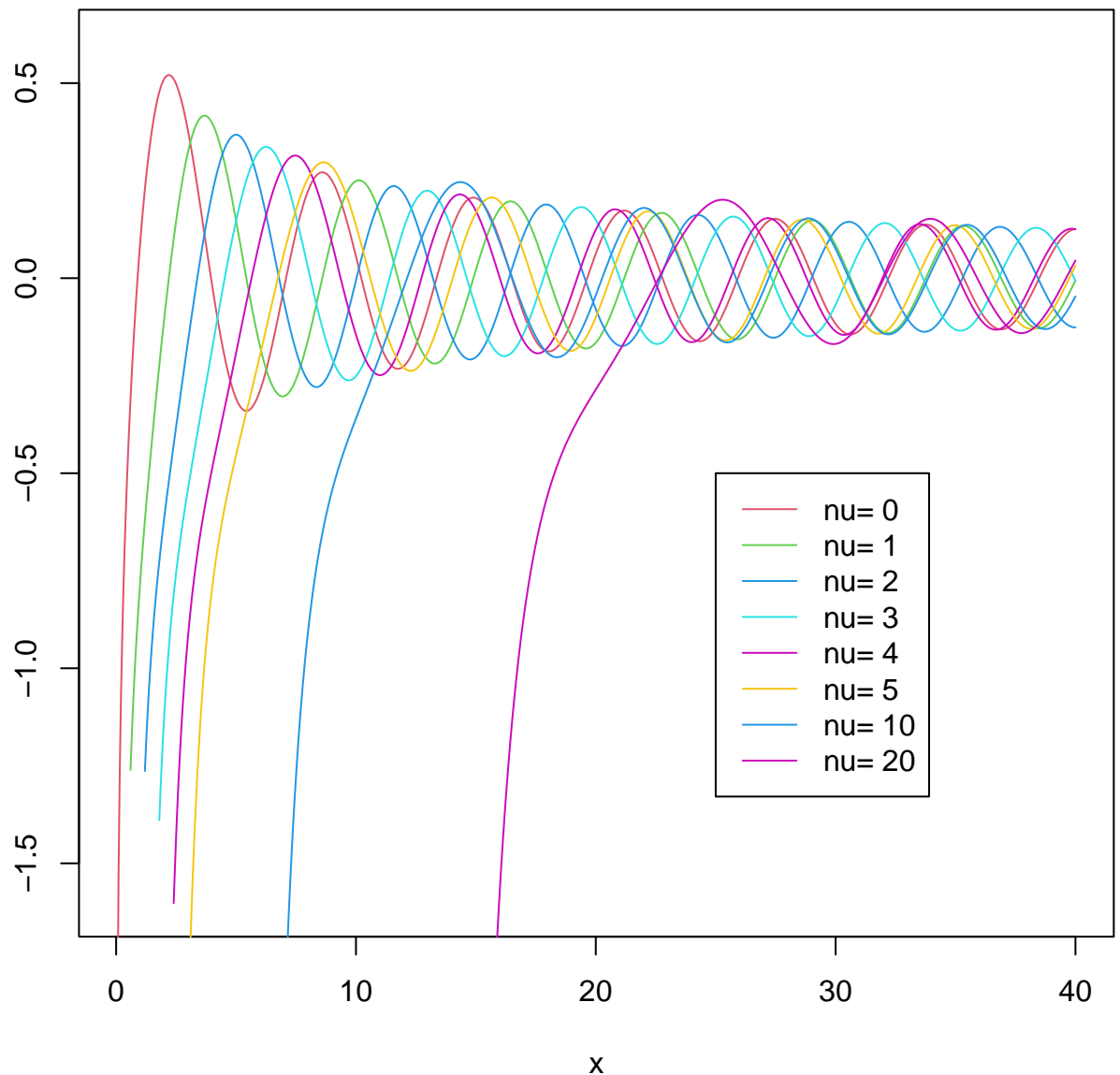
# Bessel Functions $K_{\nu}(x)$



help("Bessel")

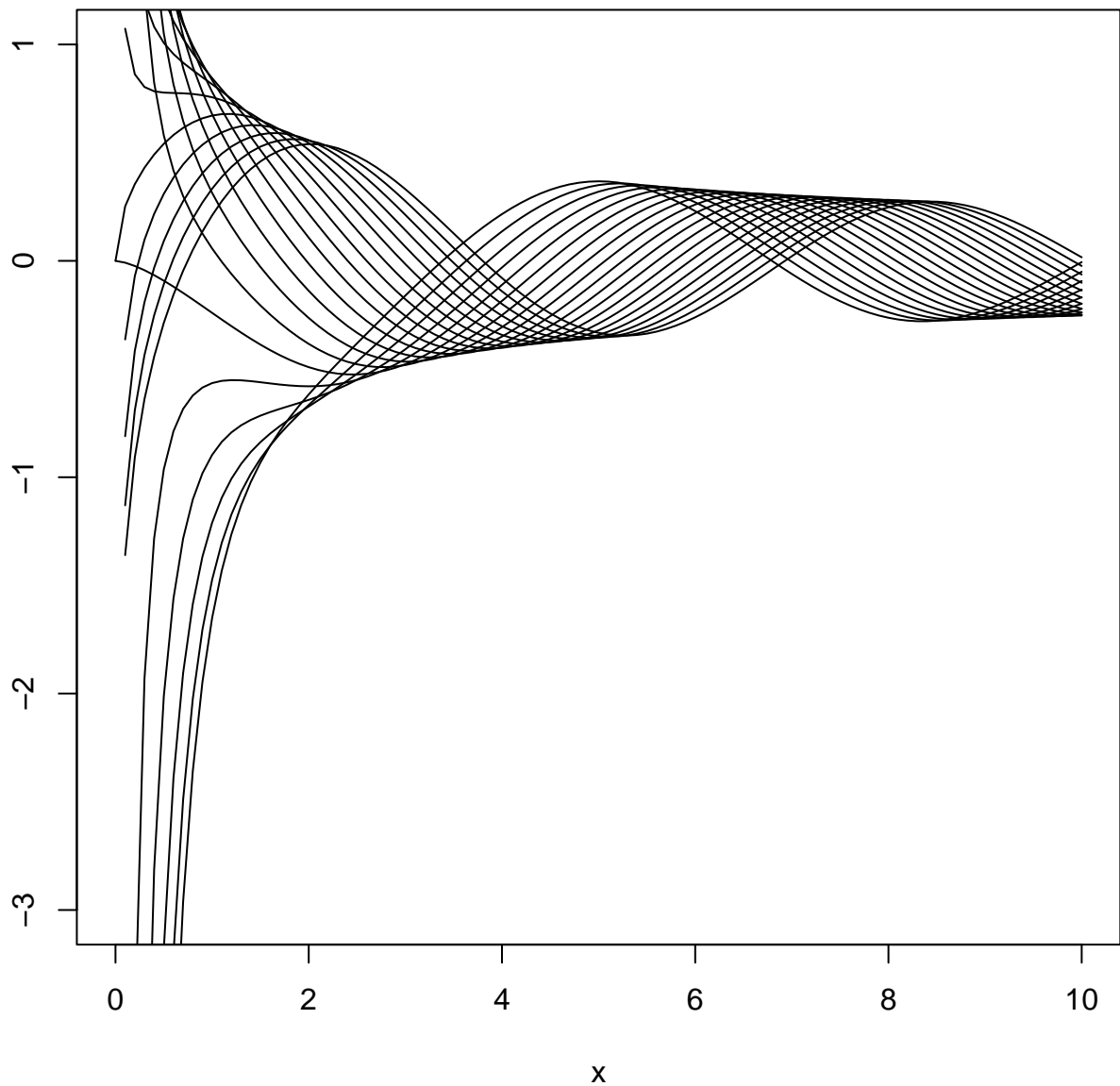


# Bessel Functions $Y_{\nu}(x)$



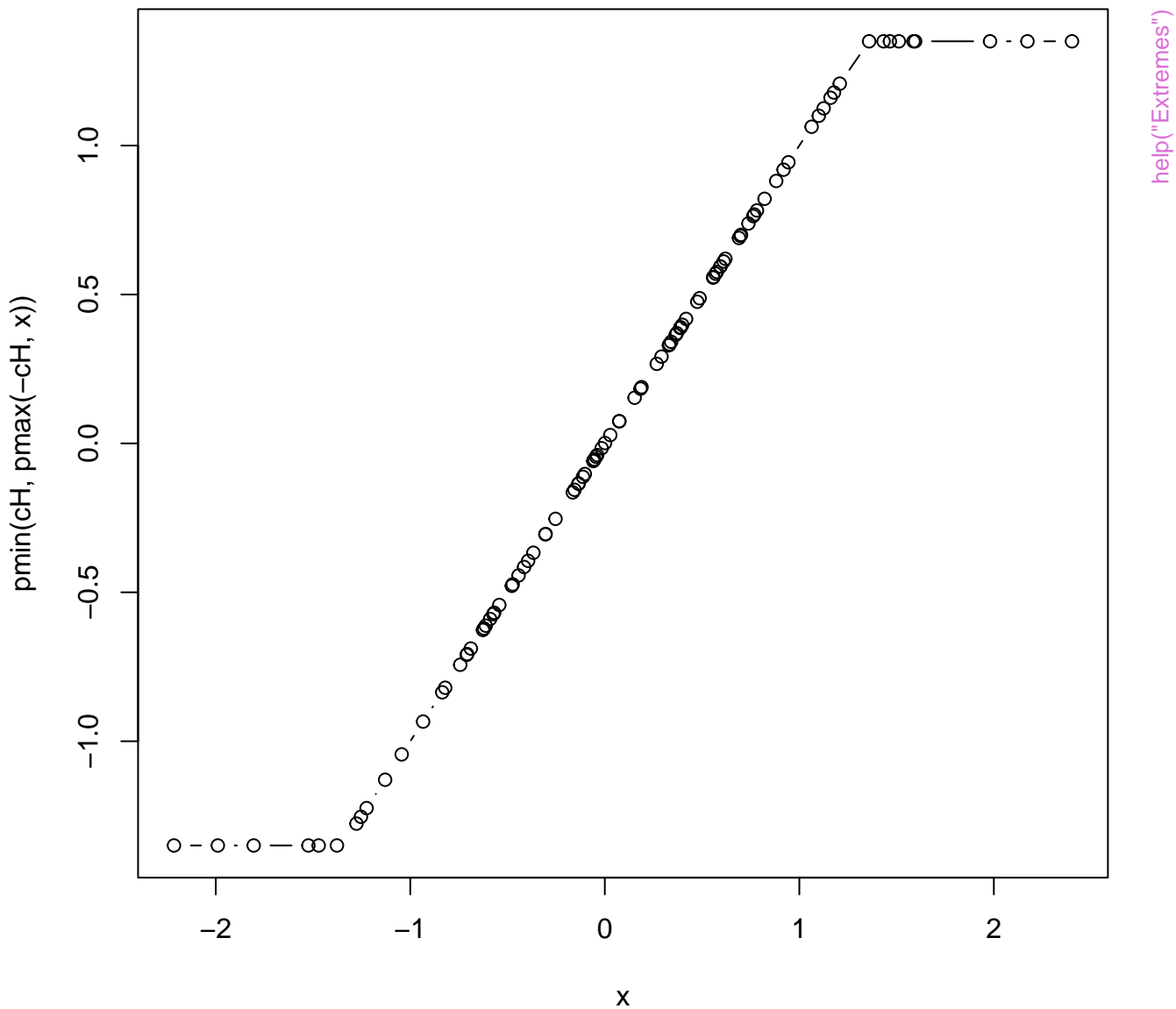
help("Bessel")

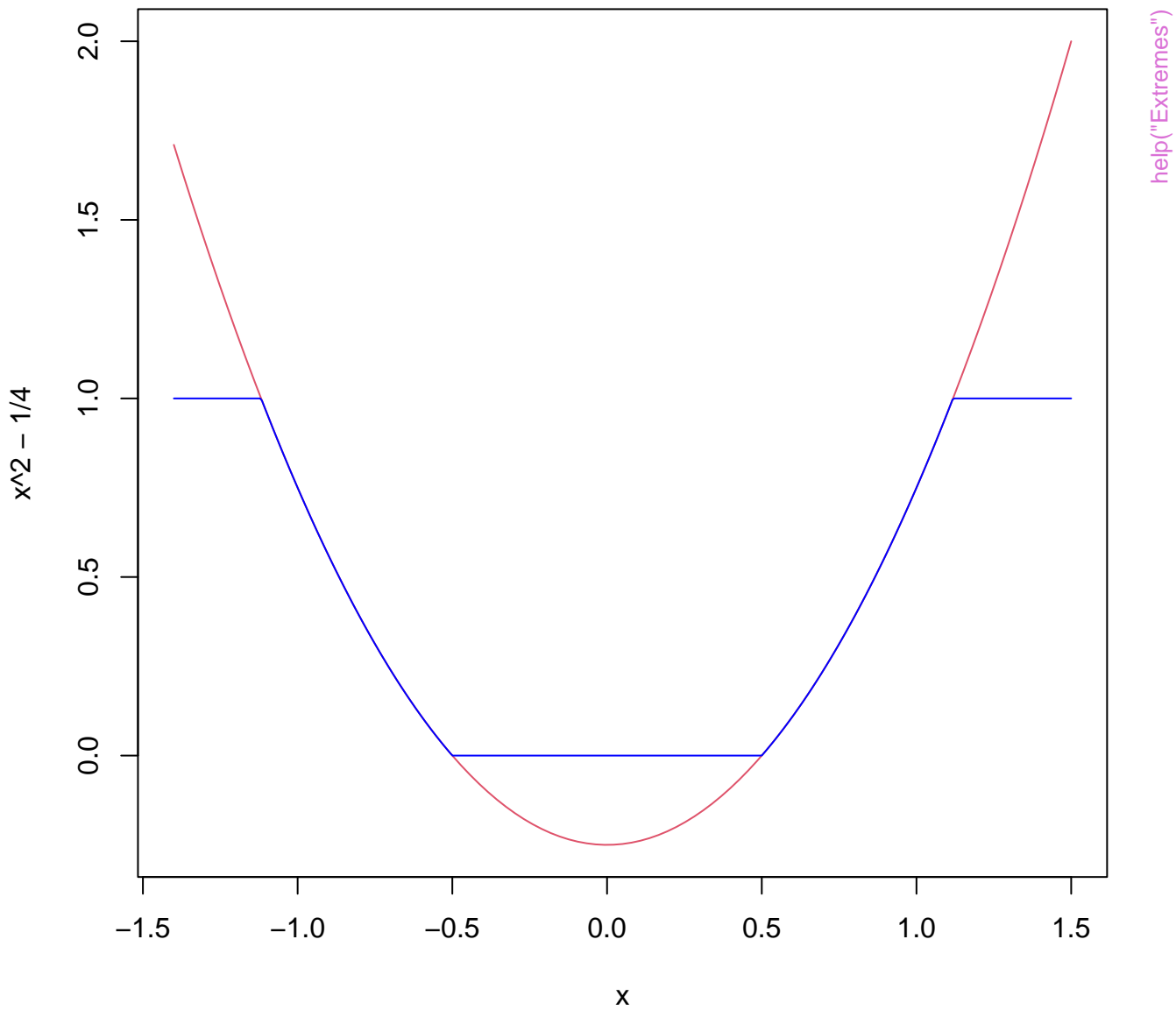
besselY(x, v)  $v = -0.1, -0.2, \dots, -2$

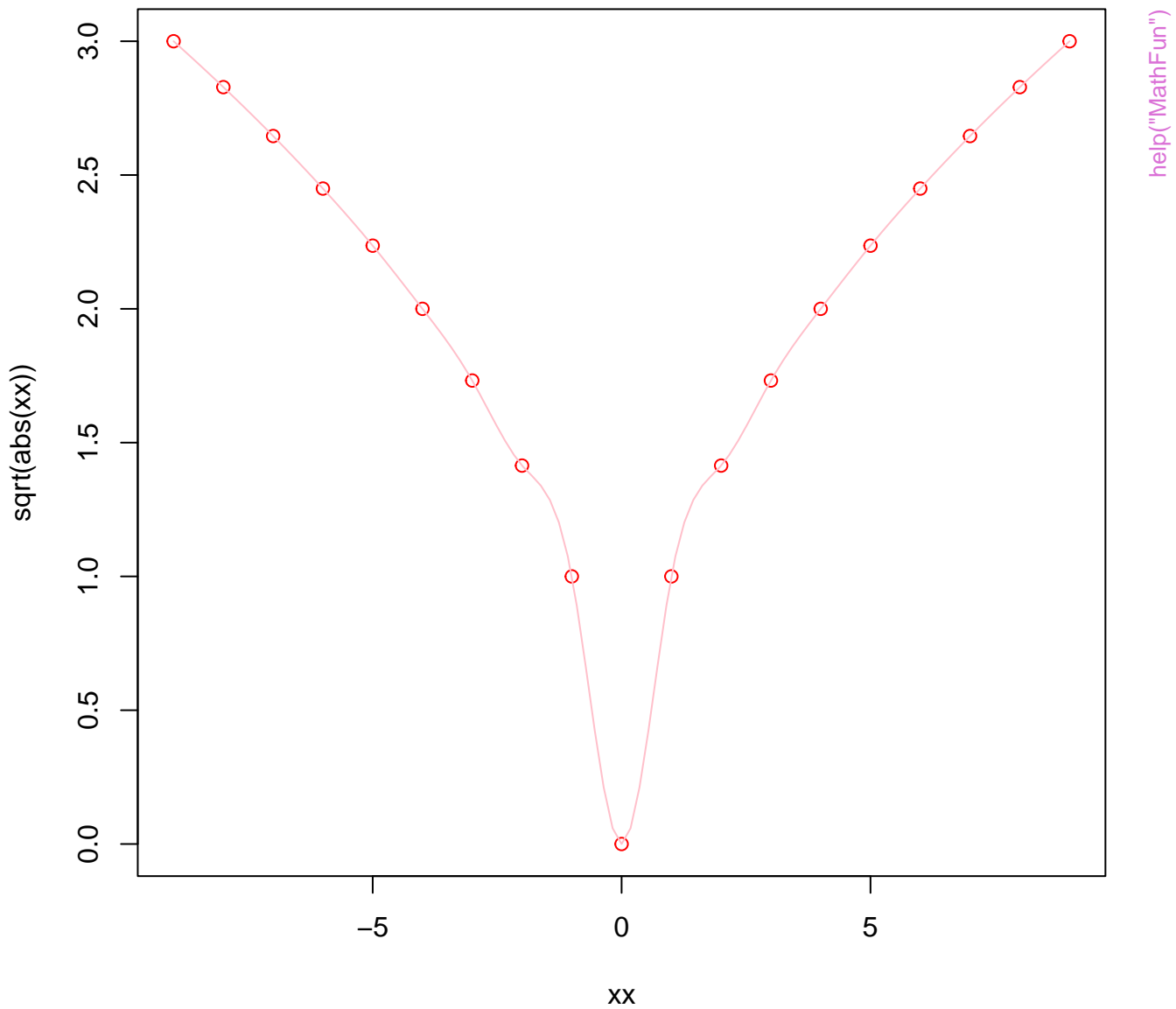


help("Bessel")

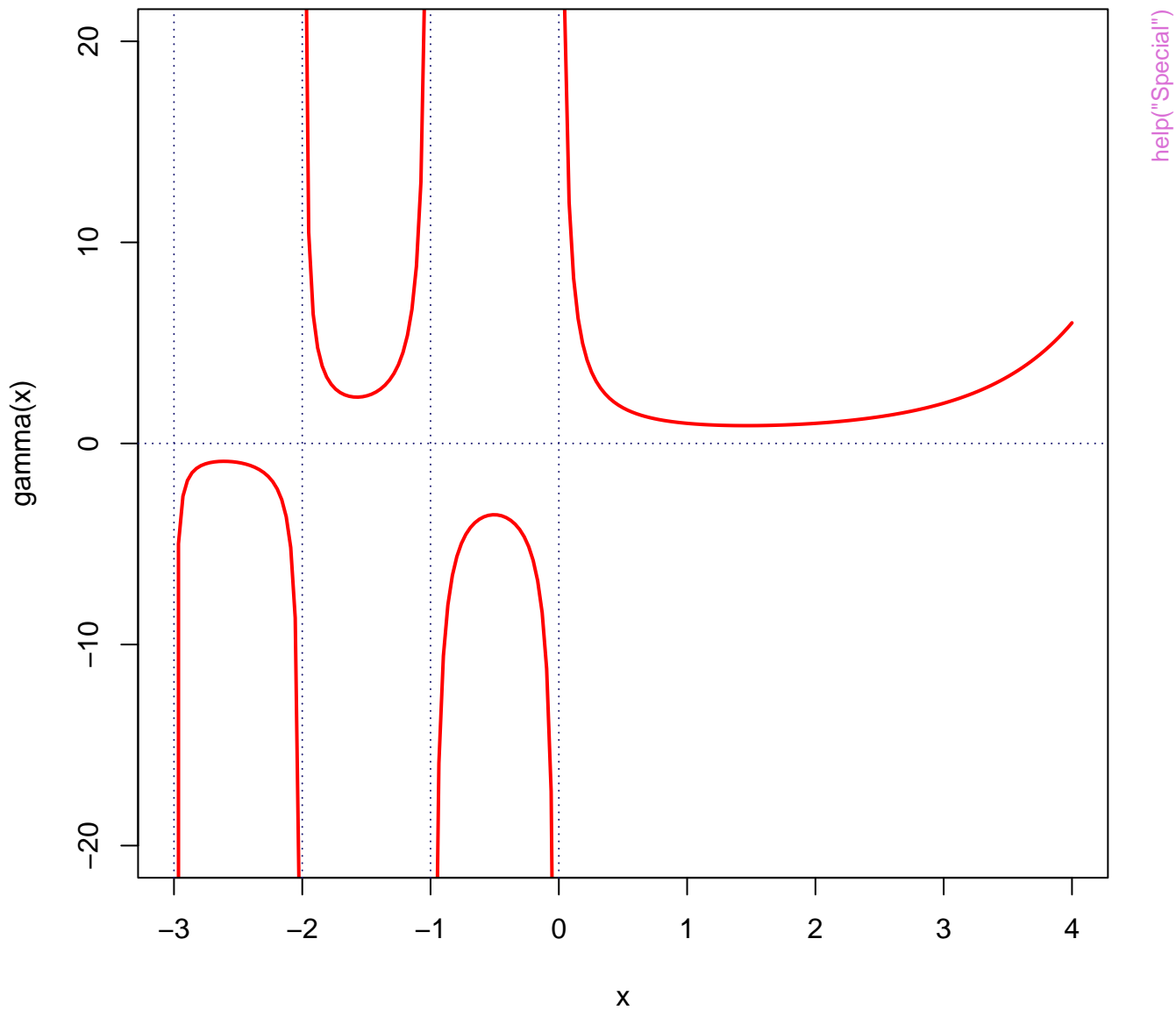
# Huber's function



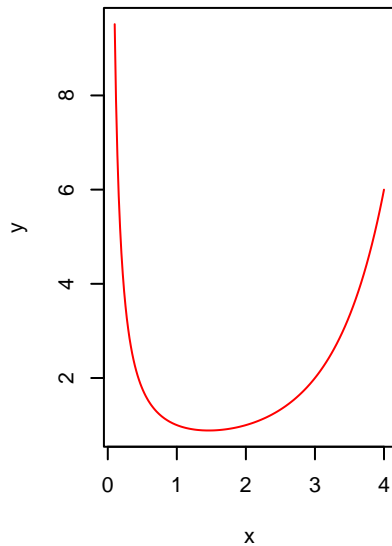




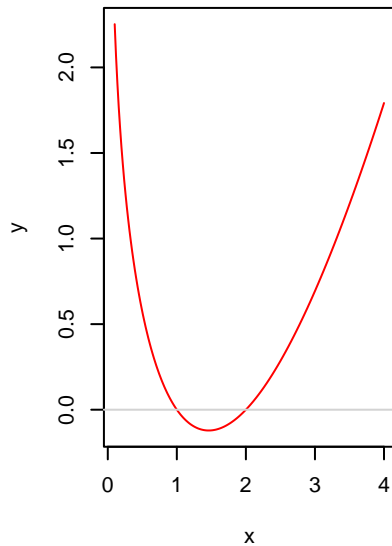
$$\Gamma(x)$$



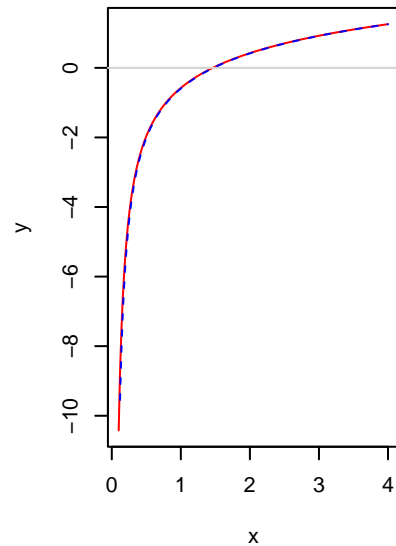
**gamma**



**lgamma**

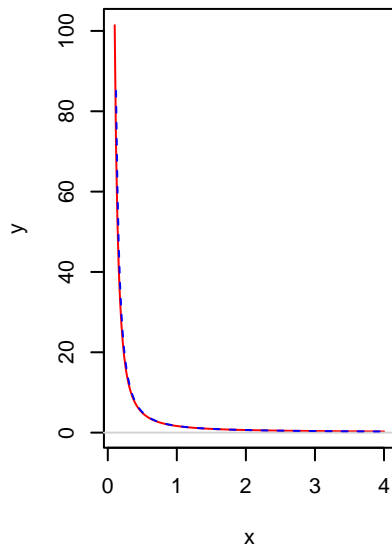


**digamma ==  
psigamma(\*, deriv = 0)**

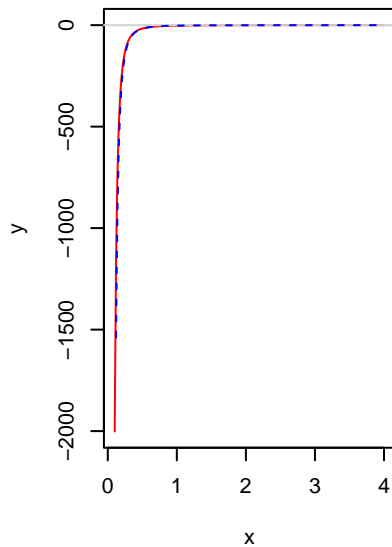


help("Special")

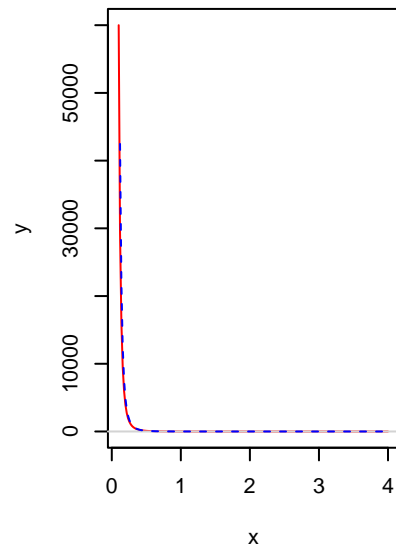
**trigamma ==  
psigamma(\*, deriv = 1)**

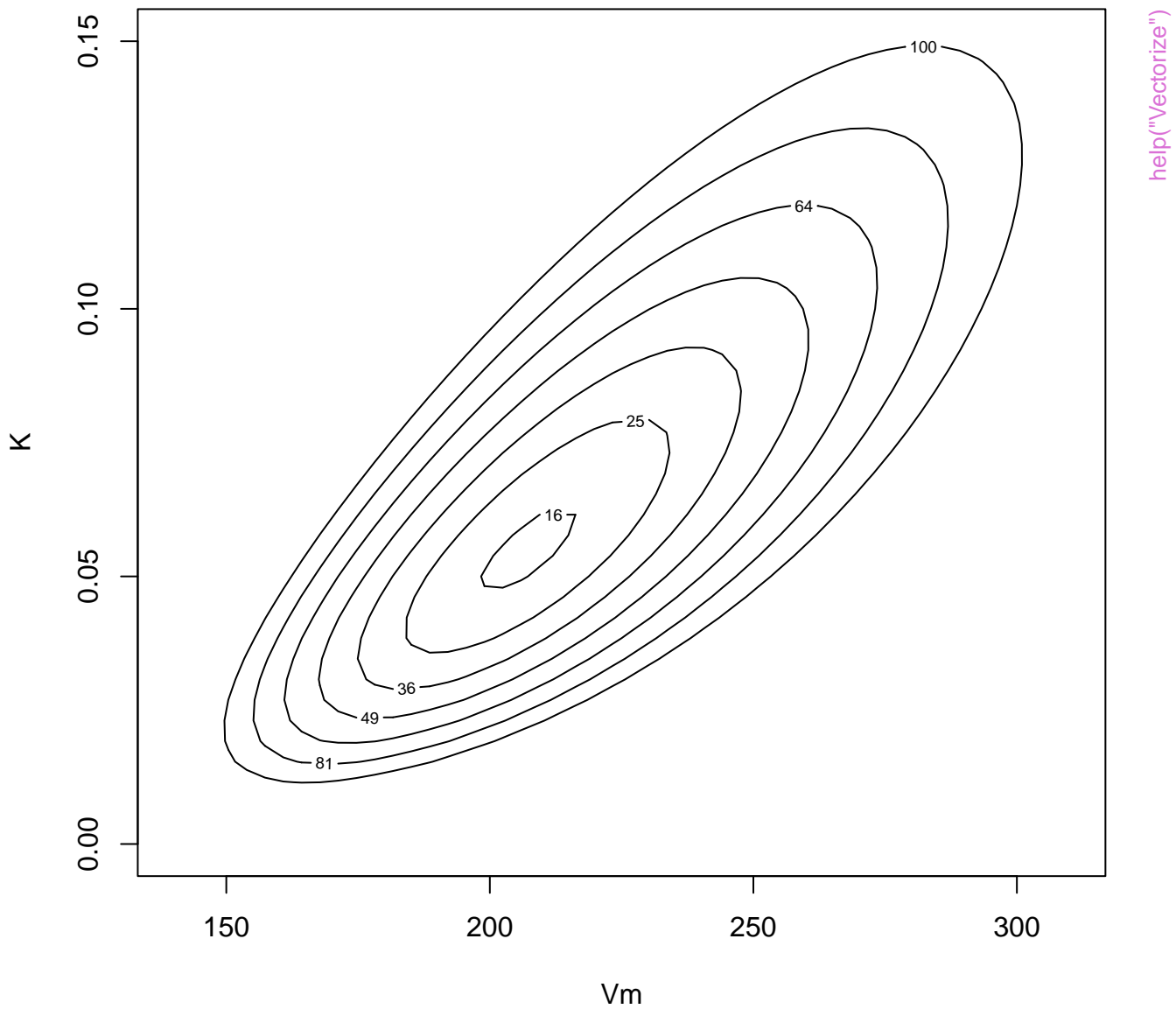


**psigamma(\*, deriv = 2)**

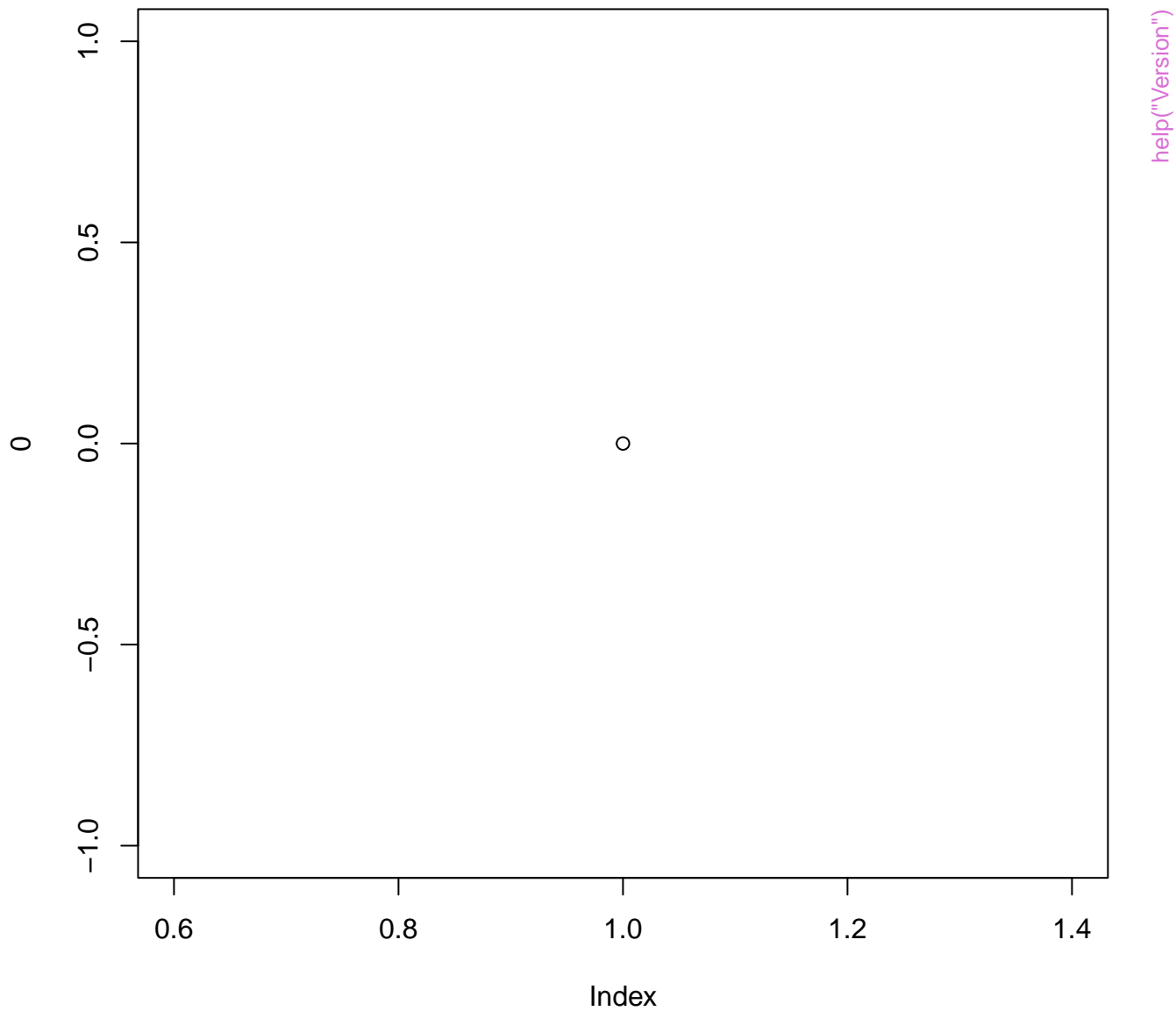


**psigamma(\*, deriv = 3)**

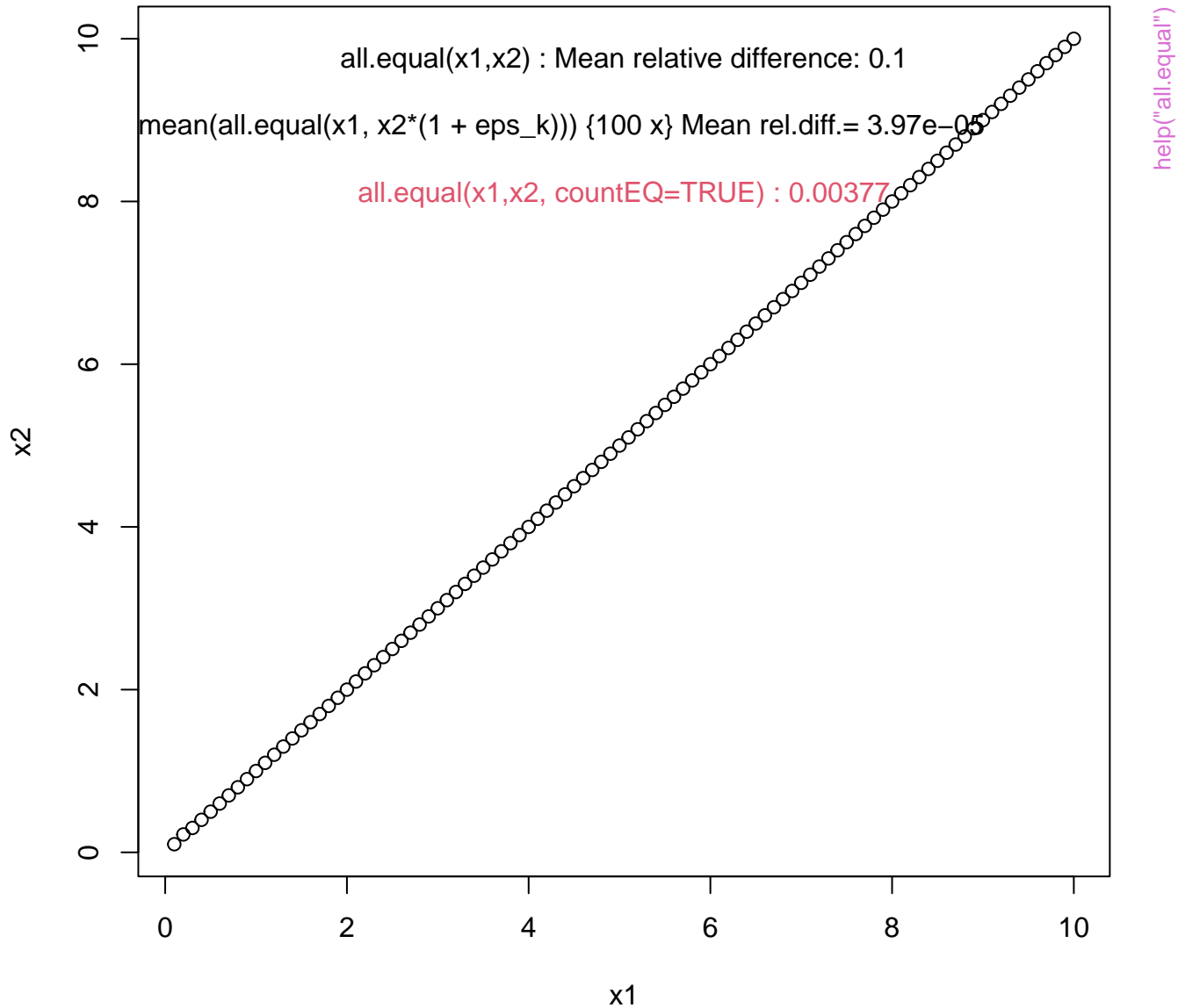




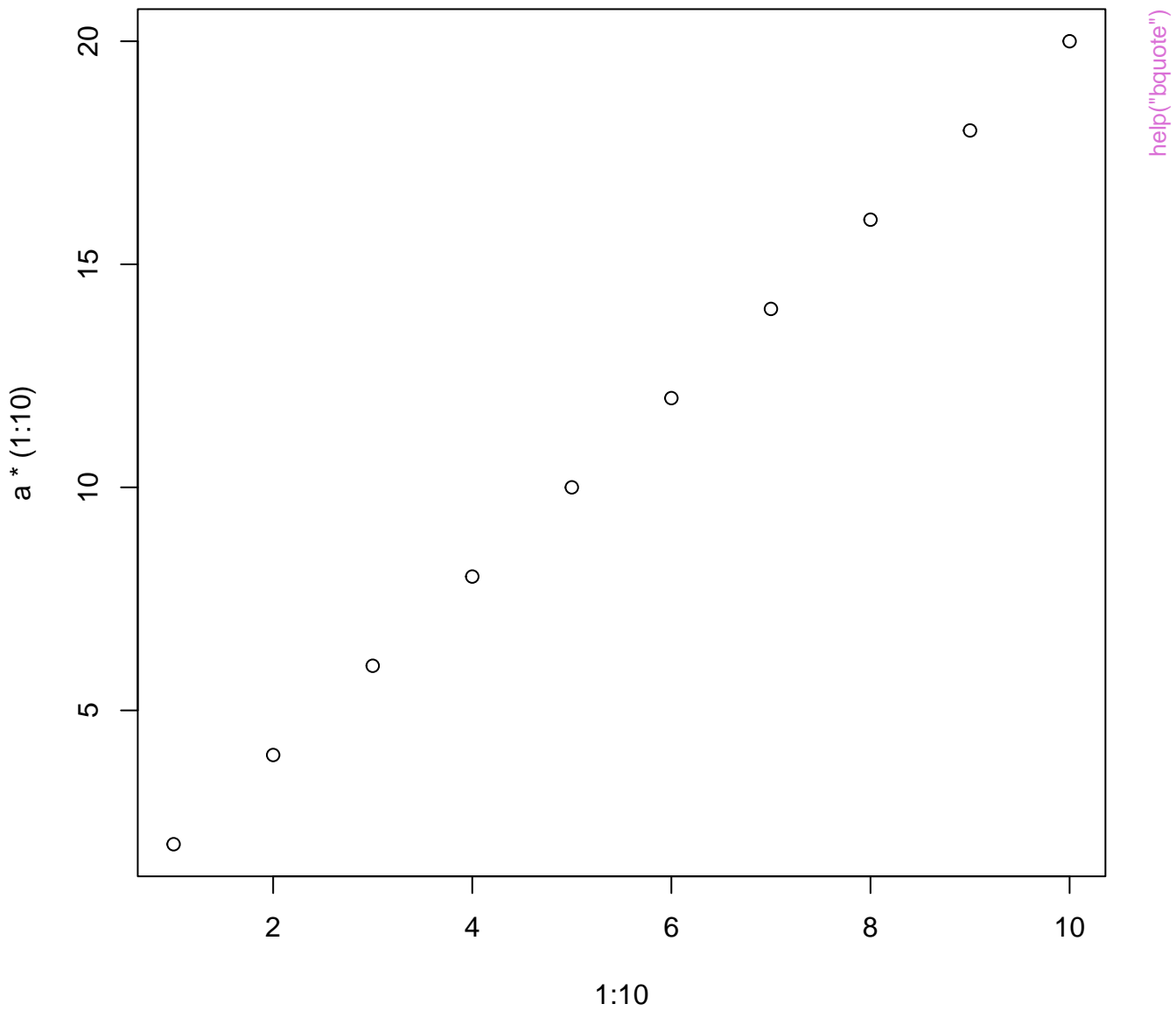




## all.equal.numeric() -- not counting equal parts

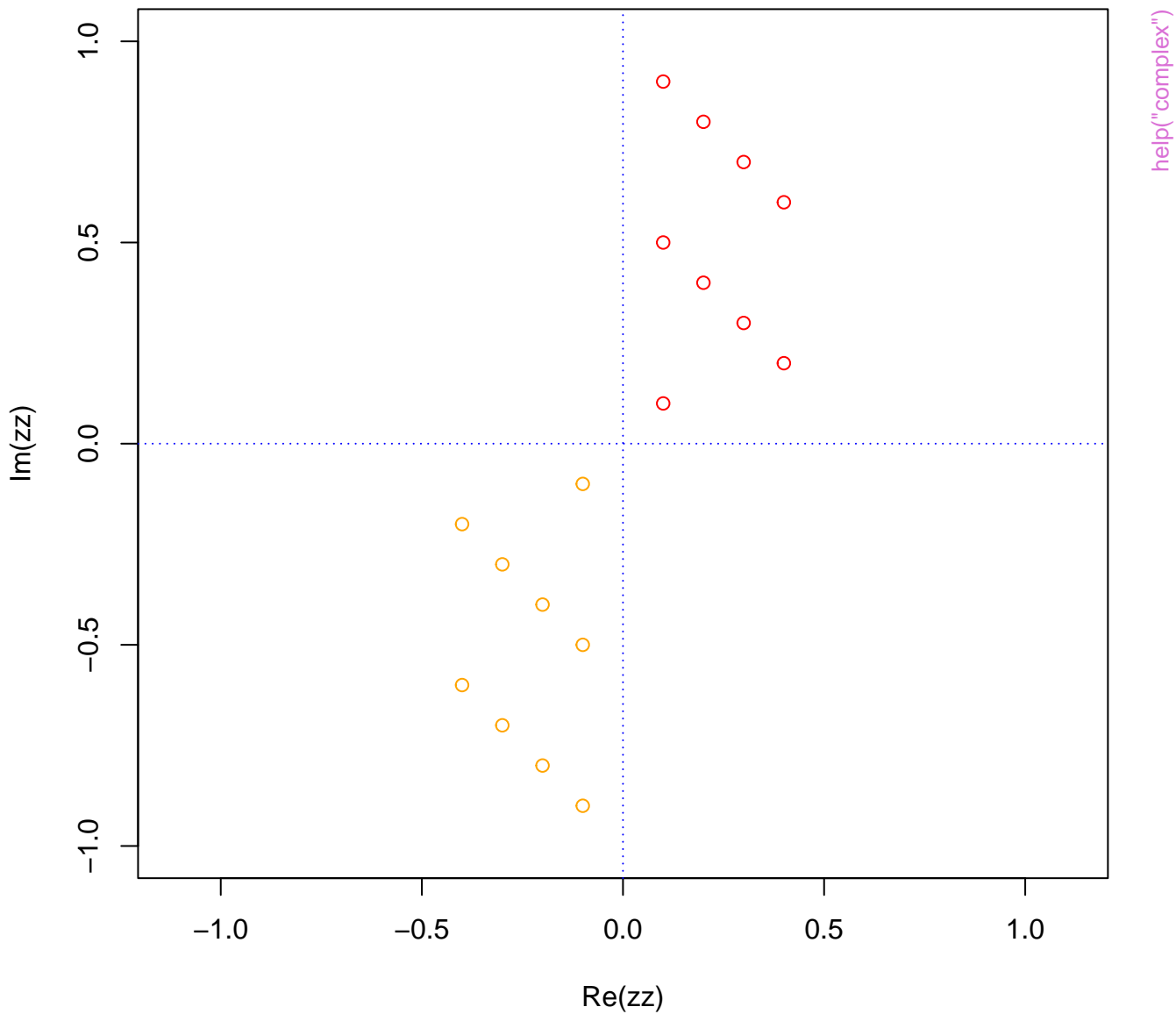


$a = 2$

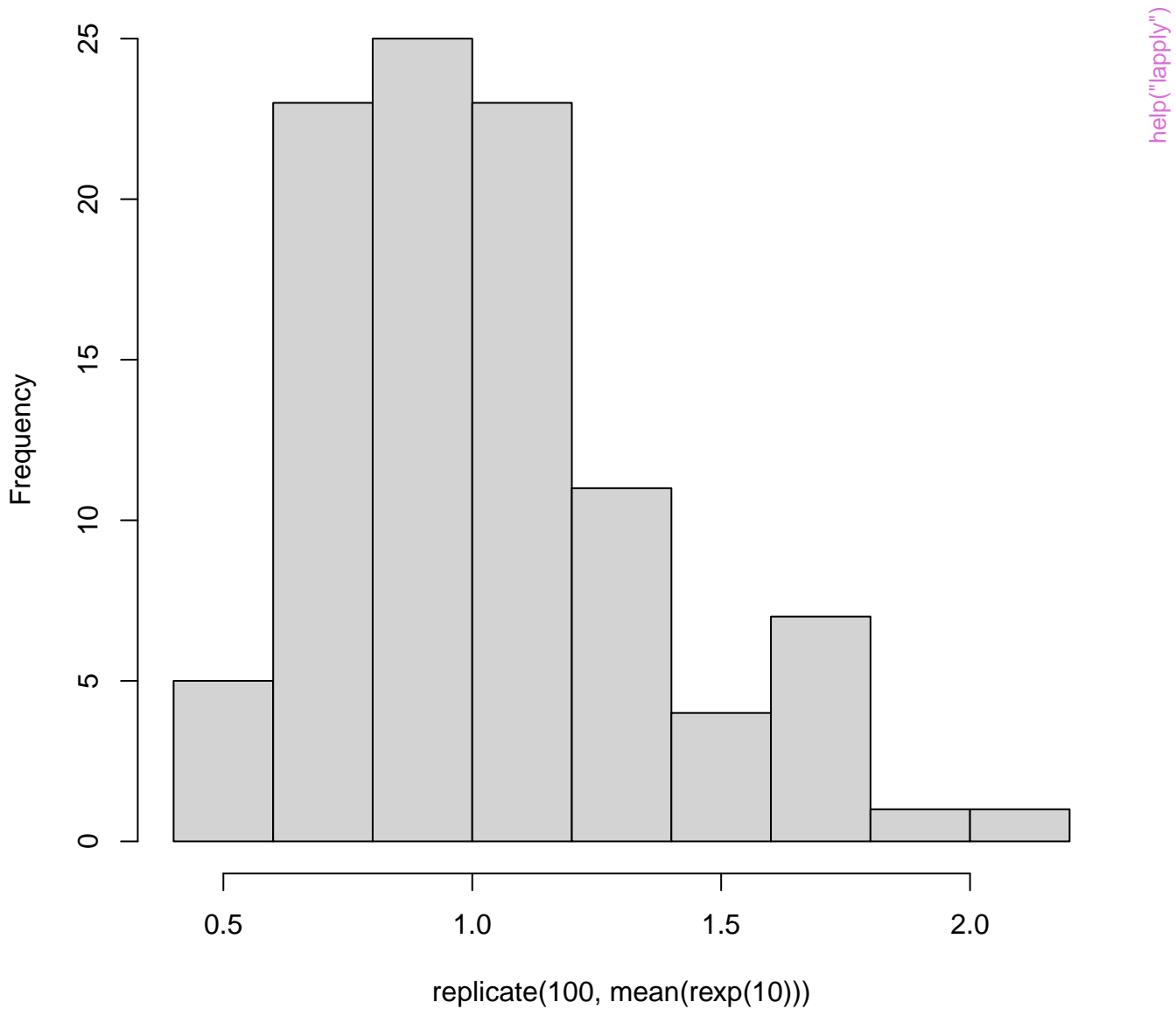


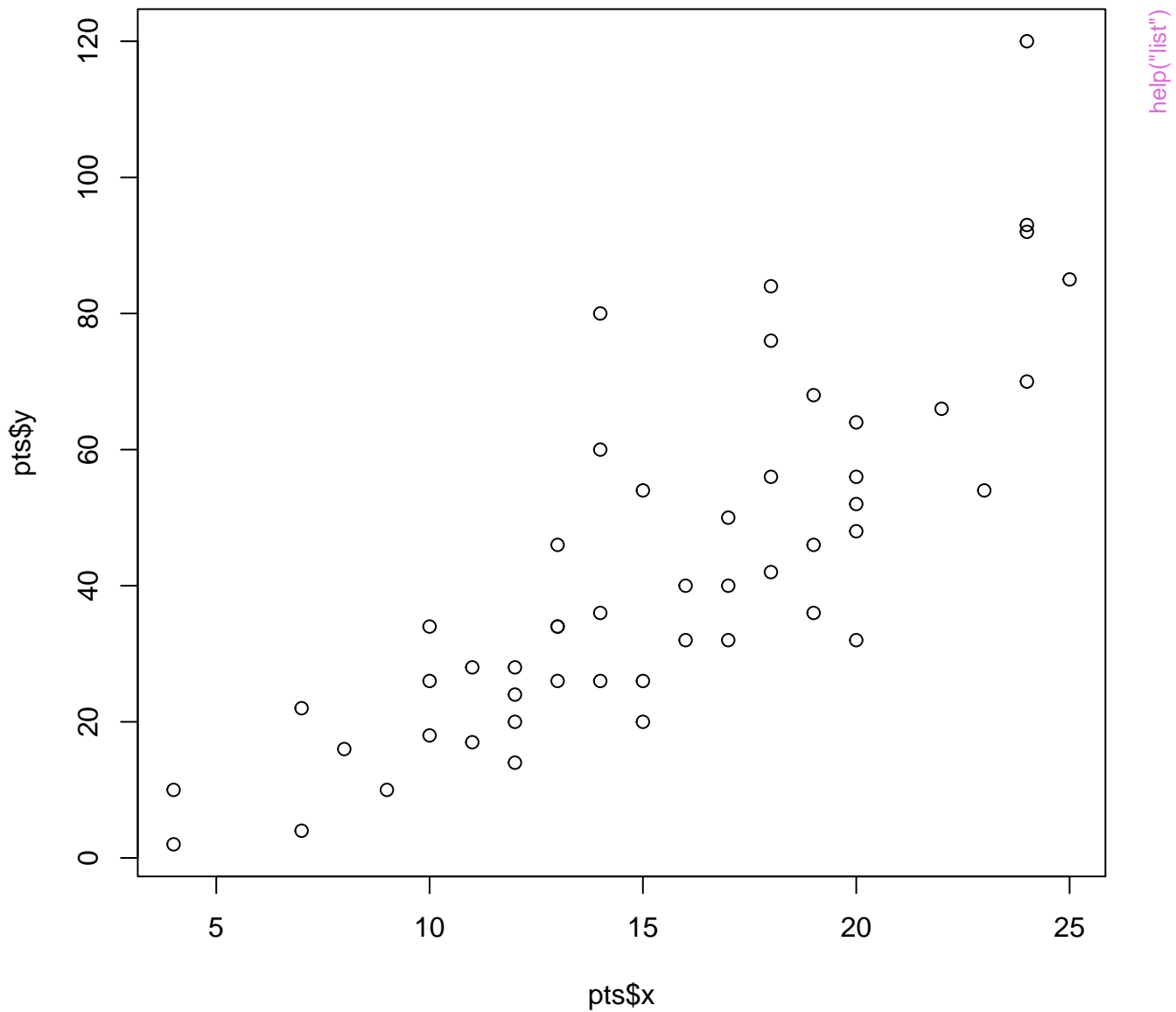
`help("bquote")`

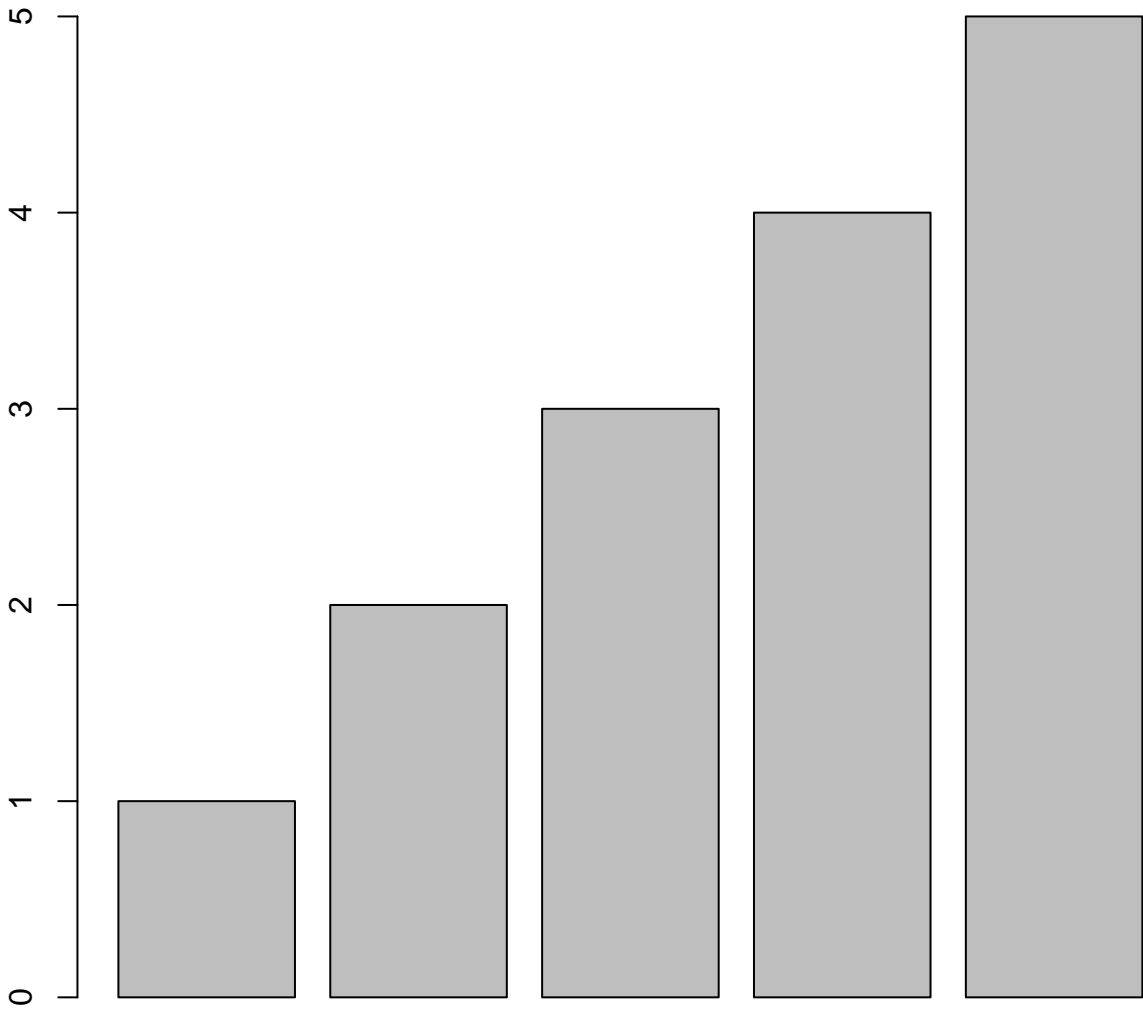
Rotation by  $\pi = 180^\circ$



**Histogram of replicate(100, mean(rexp(10)))**

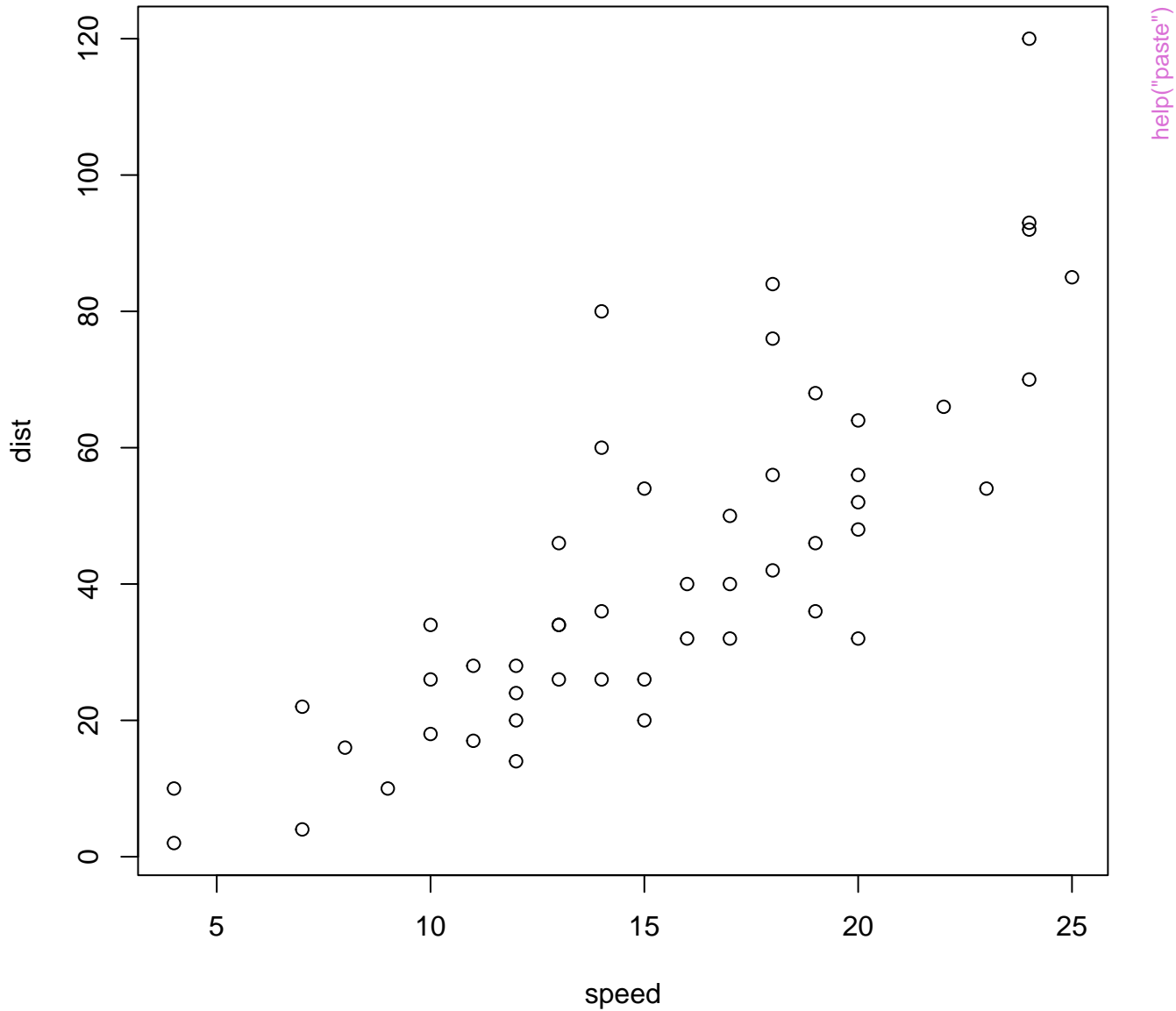




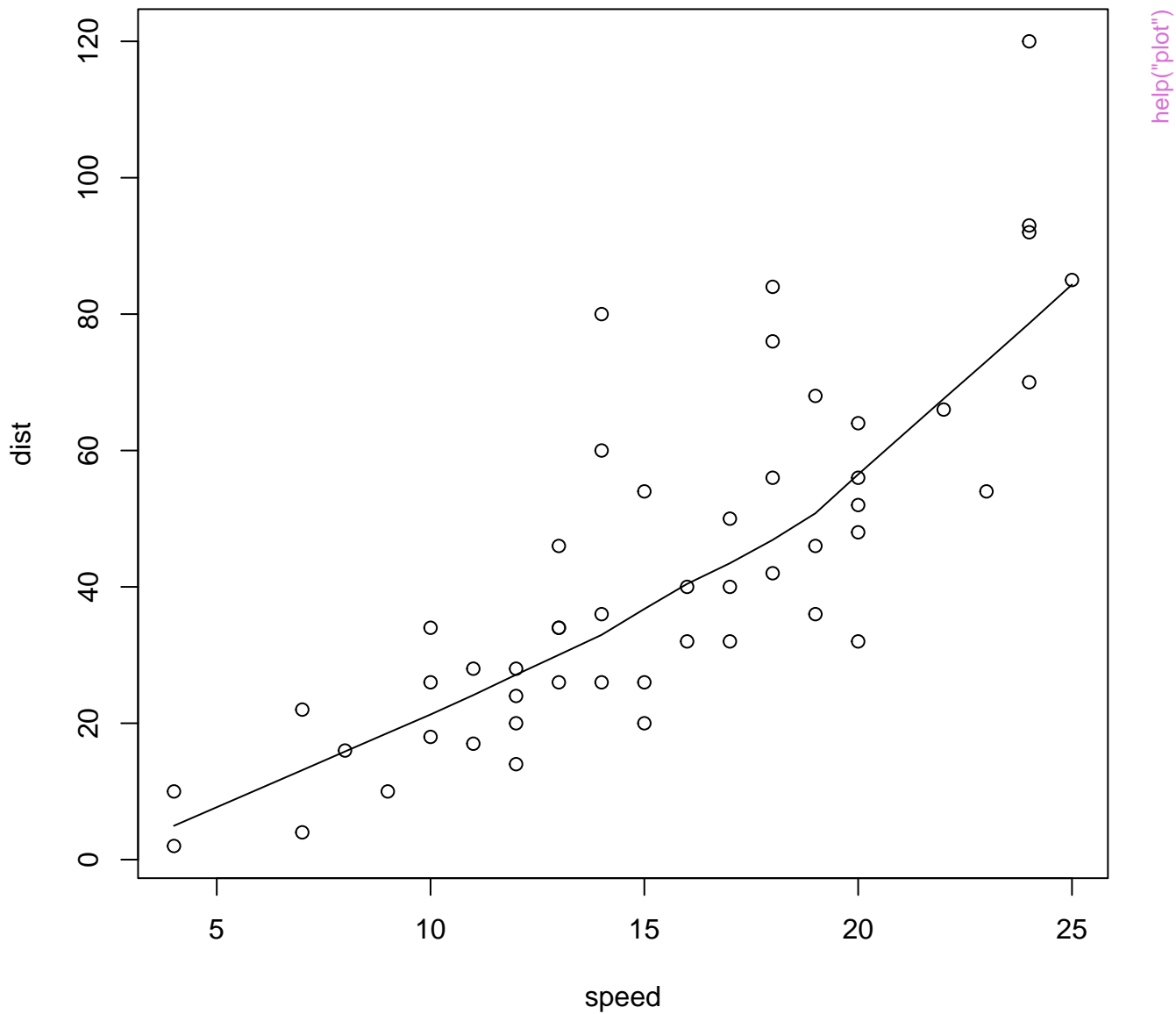


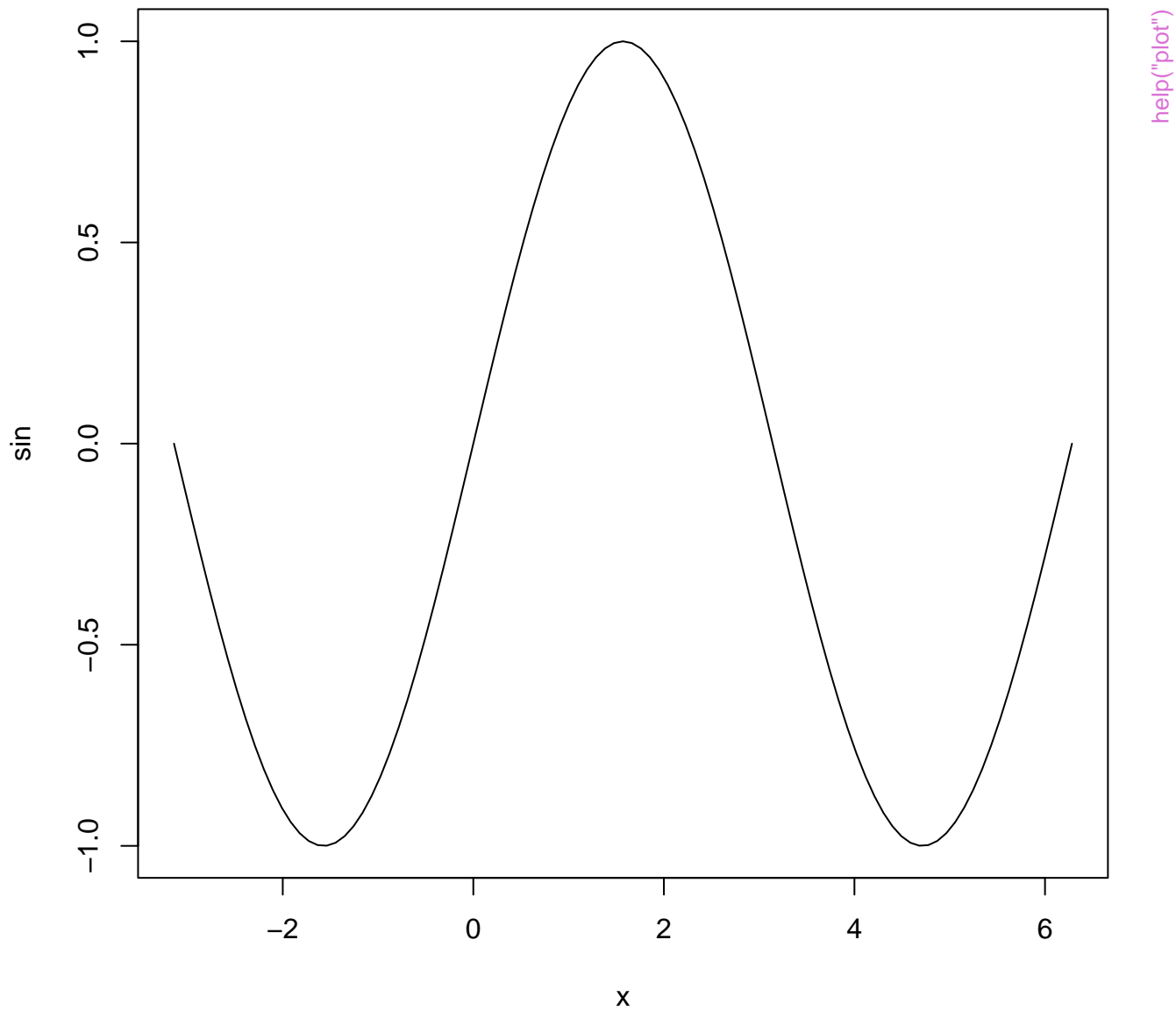
help("notyet")

**Stopping distance of cars  
(ft) vs. speed (mph) from  
Ezekiel (1930)**

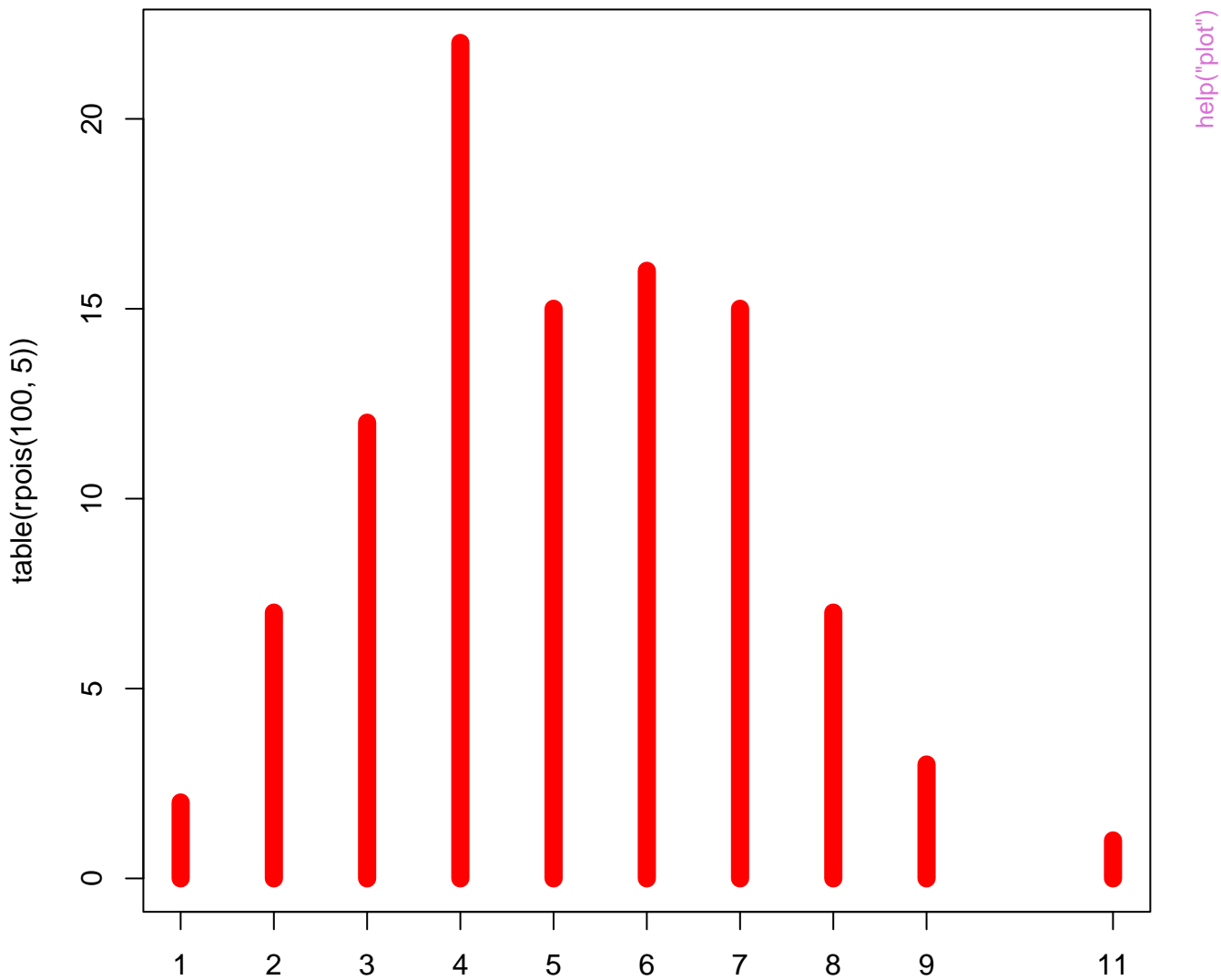






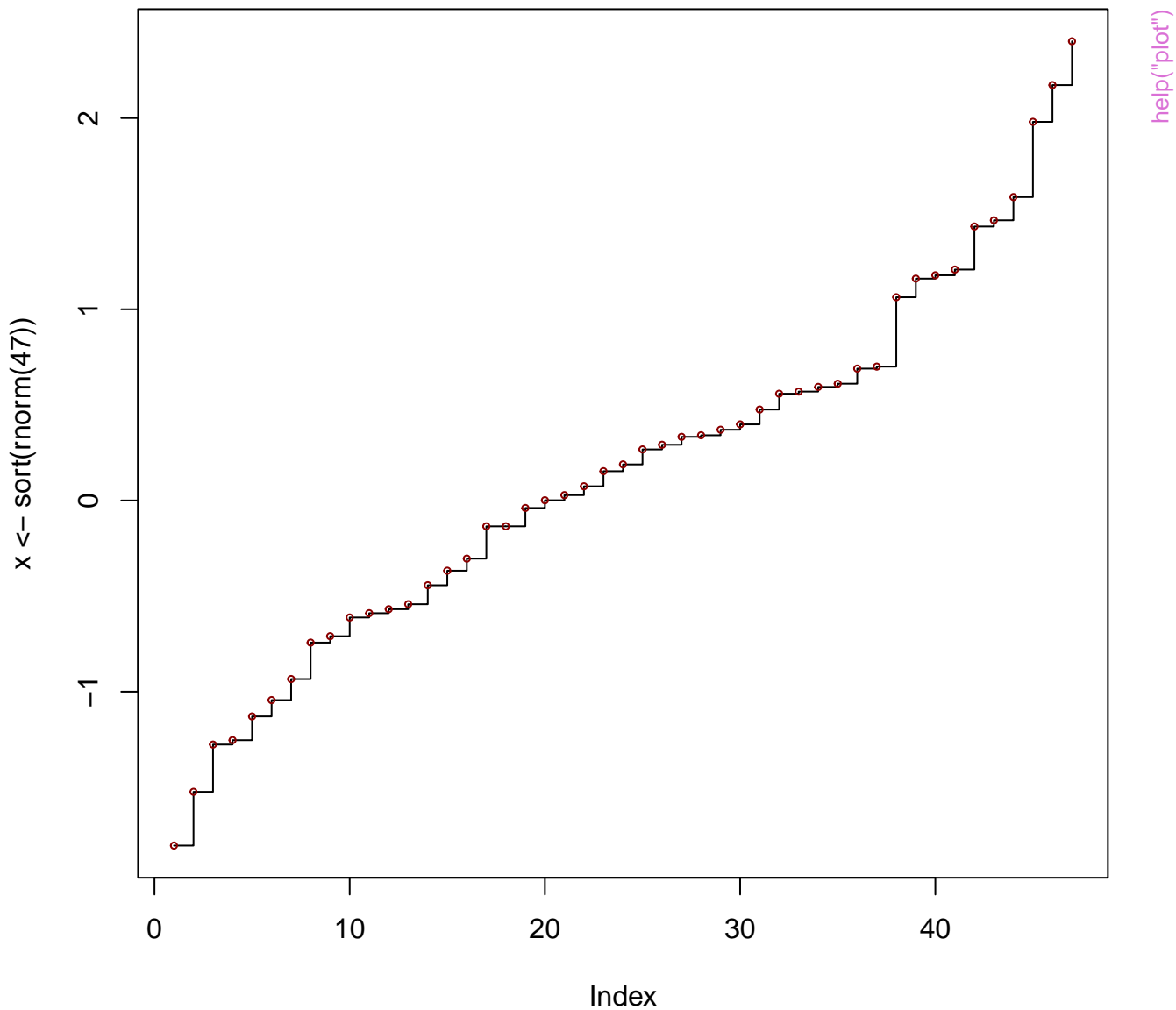


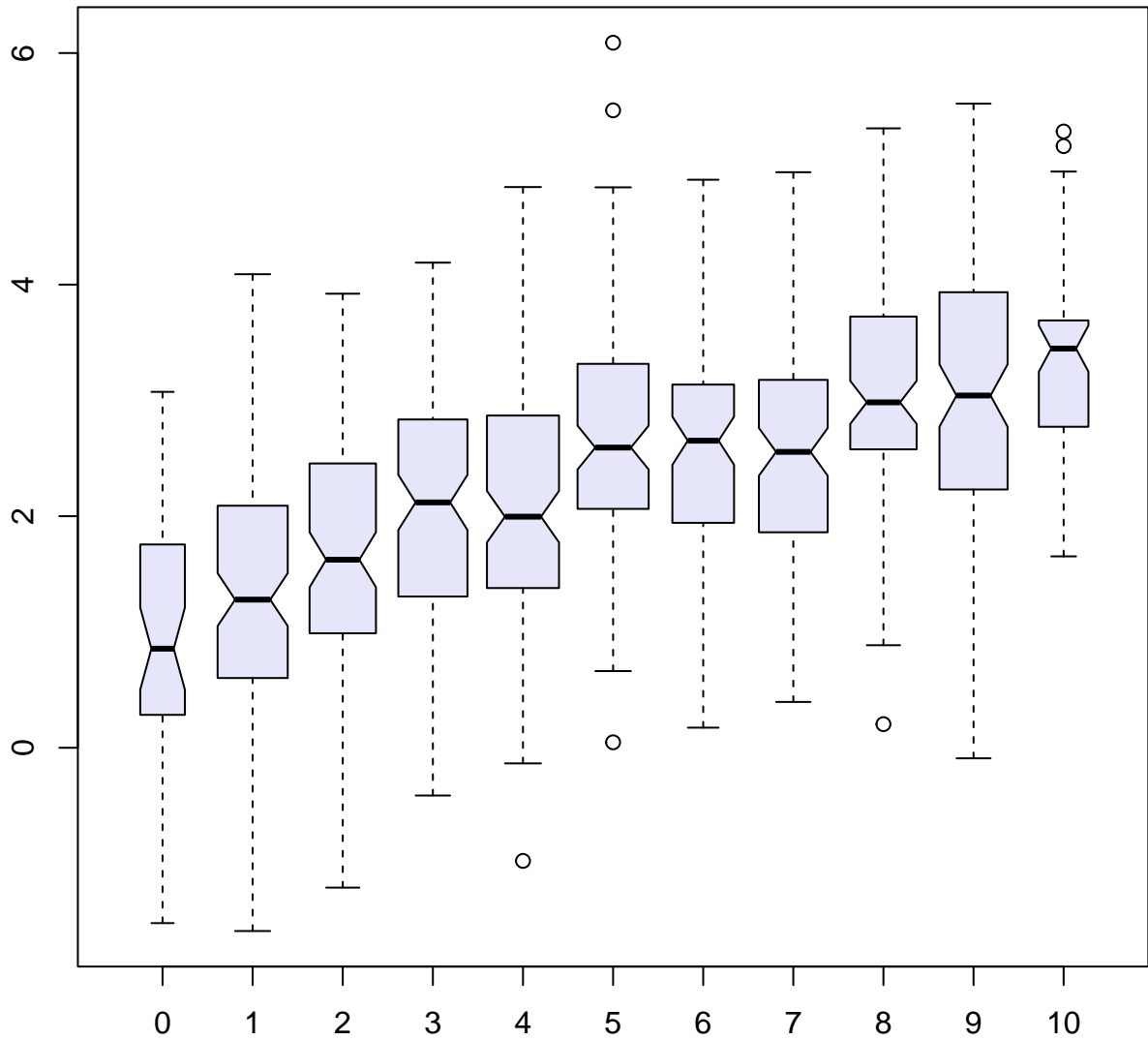
**rpois(100, lambda = 5)**



help("plot")

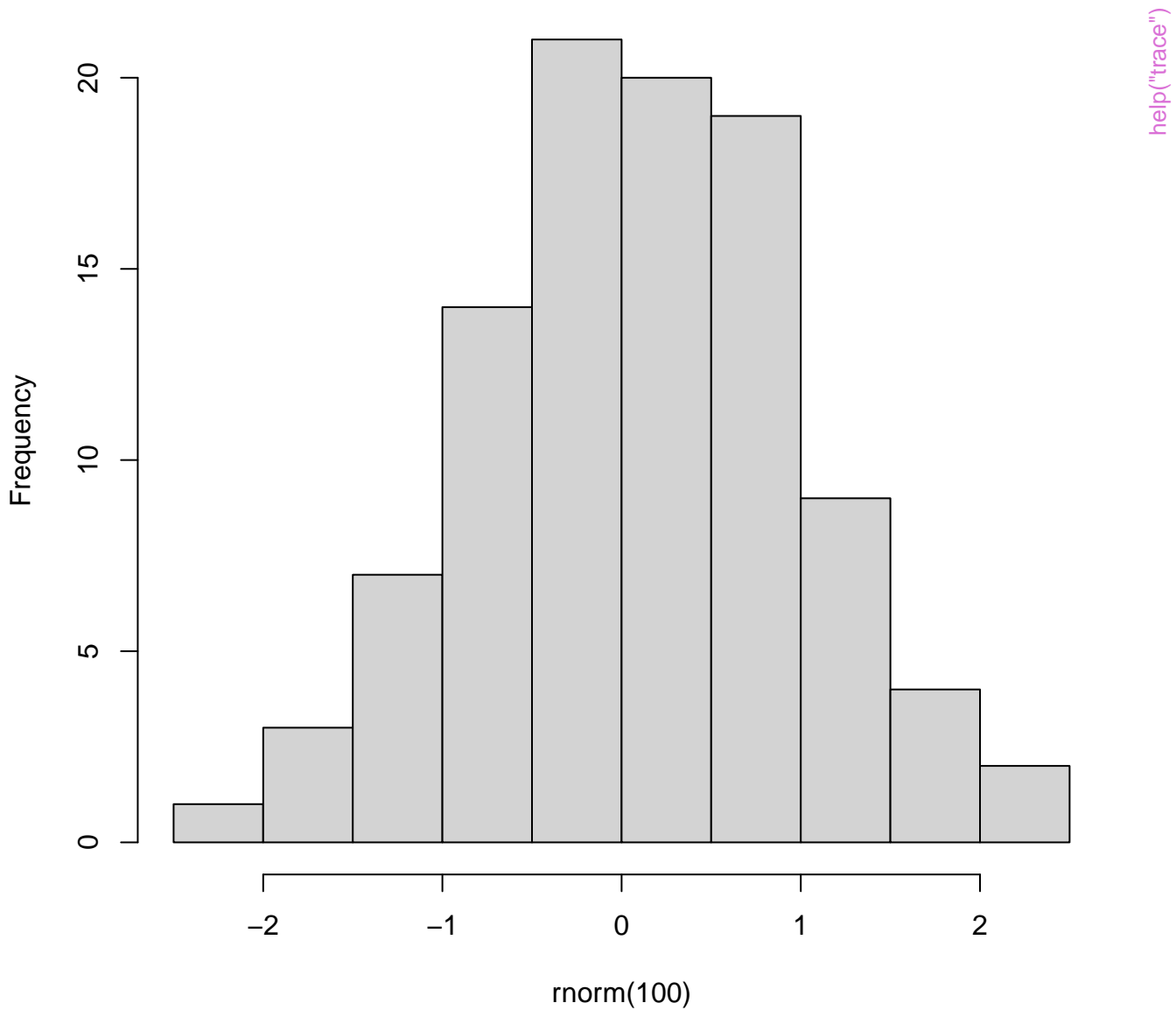
`plot(x, type = "s")`

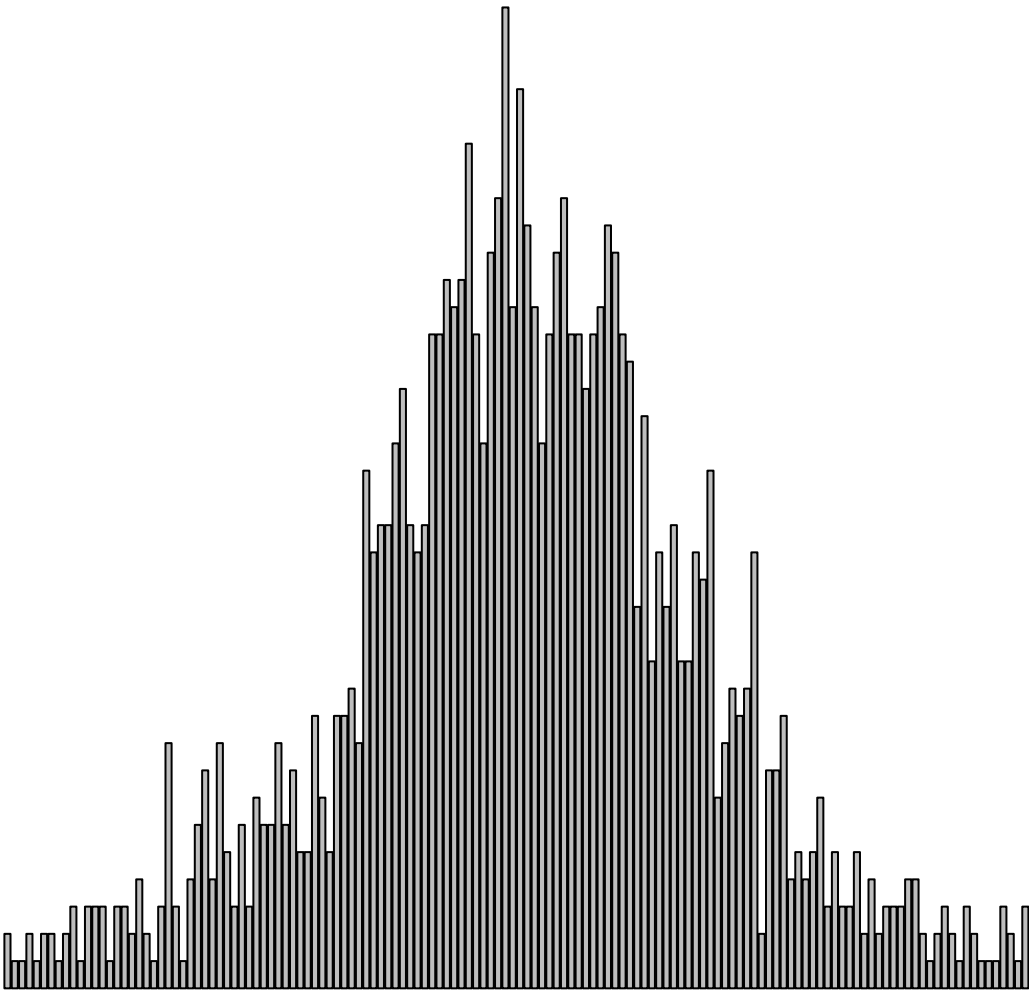




help("split")

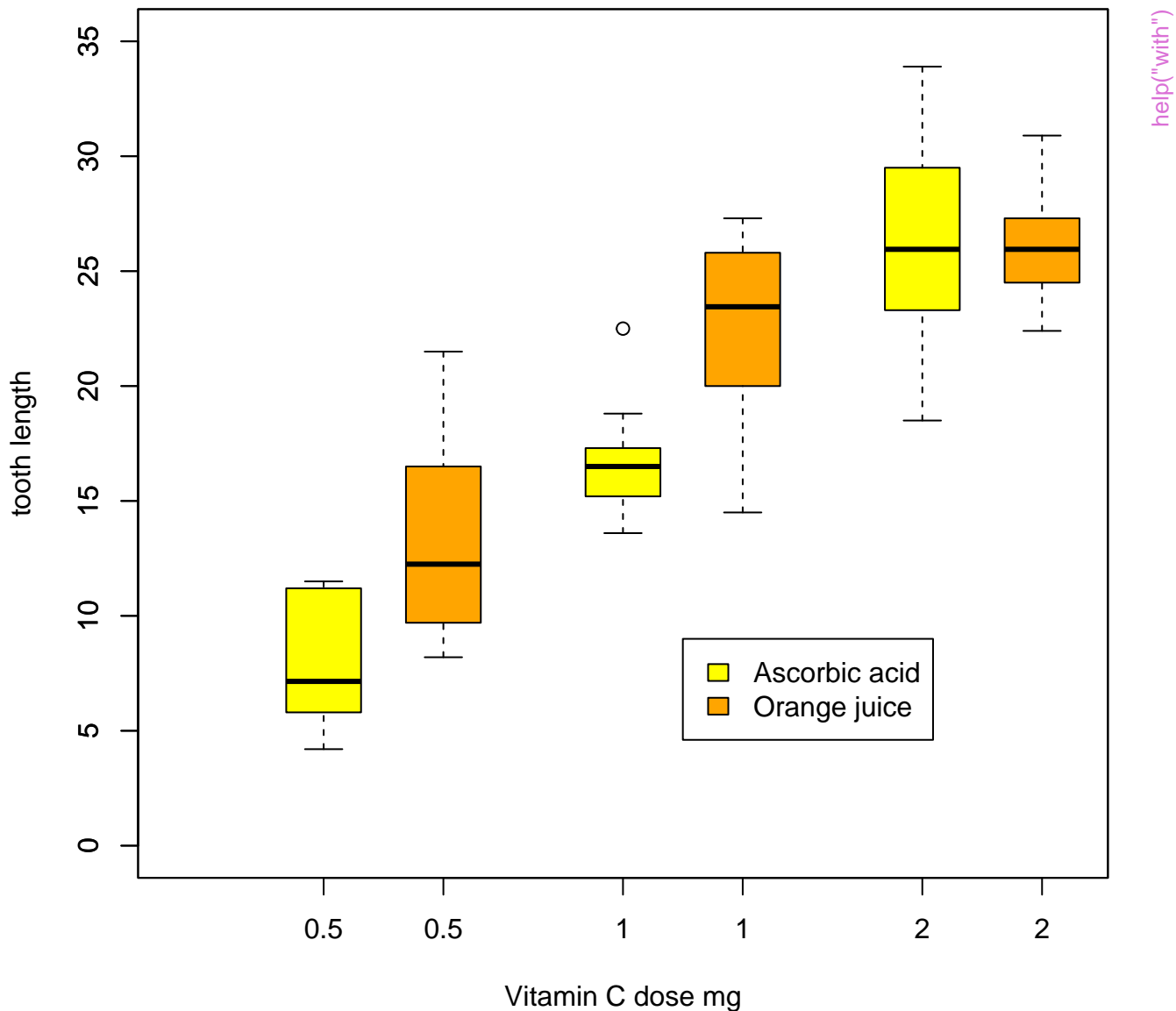
**Histogram of rnorm(100)**





help("unname")

# Guinea Pigs' Tooth Growth





# Guinea Pigs' Tooth Growth

