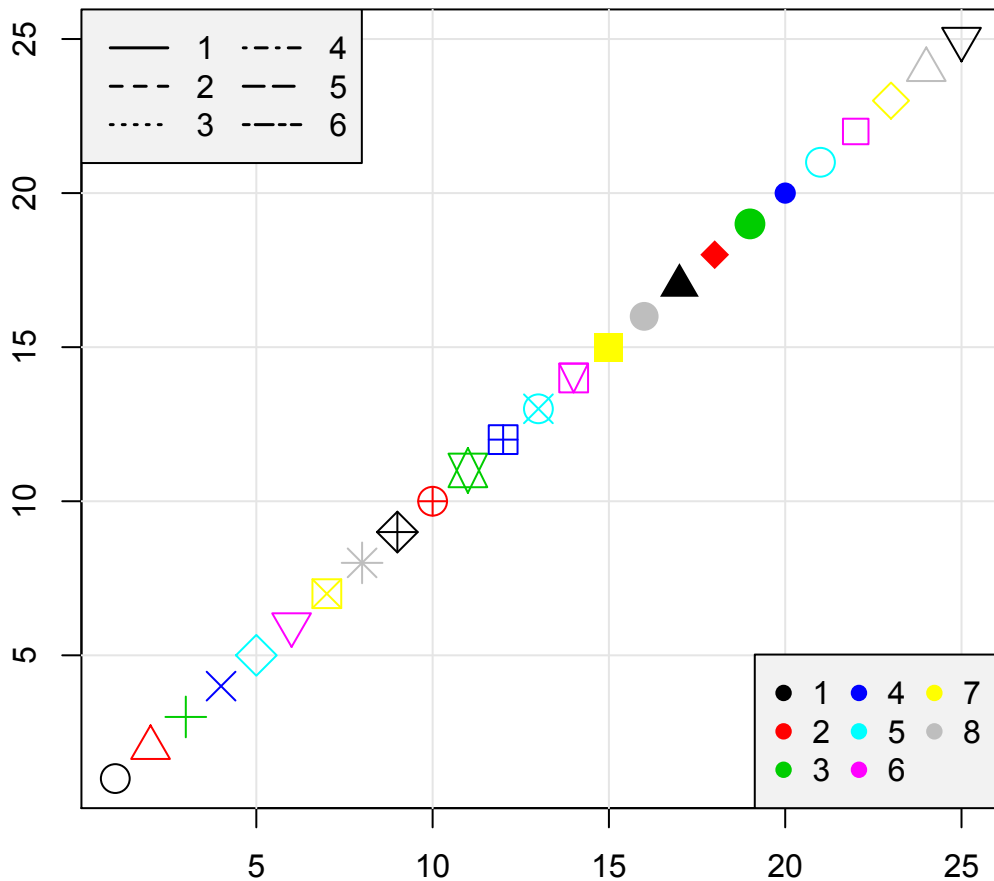


Plotting Symbol, Line Type, & Color Codes in R



Syntax for Plotting Text in R

```
> par(bg="mistyrose2")
> ### Titles ###
> main.name <- expression(paste(plain(sin)," ",phi^2))
> xlab.name <- expression(paste(italic(vti)," ",Delta[3]))
> ylab.name <- expression(gamma^3*" x " *mu*"L")
> ### Make Plot ###
> plot(0, 0, type="n", xlab=xlab.name, ylab=ylab.name, main=main.name,
      xlim=c(-pi, pi), ylim=c(-1.5, 1.5), axes=FALSE); box()
> rect(par("usr")[1], par("usr")[3], par("usr")[2], par("usr")[4], col= "thistle")
> ### Axes ###
> axis(1, at= c(-pi, -pi/2, 0, pi/2, pi), labels= expression(-pi, -pi/2, 0, pi/2, pi))
> axis(2)
> ### Add Text ###
> text(-pi/2,0.5, expression(hat(alpha)==(Sigma^tau*Chi)^{-1} * X^theta * y^delta),cex=2)
> text(pi/2, -0.5,
      expression(paste(frac(beta^4, sigma*sqrt(2*pi*Omega)), " ",italic(e)^{frac(-(x-mu)^2,
        2*sigma^2)})), cex = 2)
> text(0,1.25, expression(paste("greek = ", alpha*beta*gamma*delta*epsilon*zeta*eta*theta*
      vartheta*iota*kappa*mu*nu*xi*pi*rho*sigma*varsigma*tau*upsilon*phi*varphi*chi*psi*omega)))
> text(0,-1.25, expression(paste("GREEK = ", Gamma*Lambda*Sigma*Psi*Delta*Xi*Upsilon*Omega*
      Theta*Pi*Phi)))
```

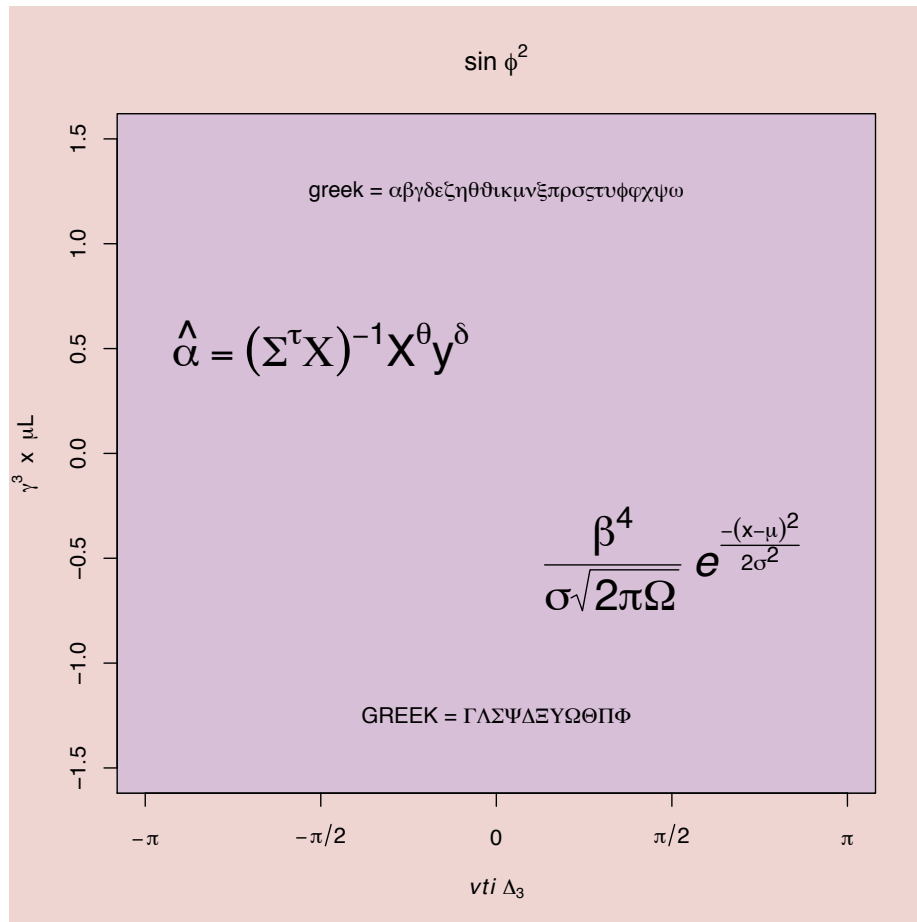


Figure 1: Syntax examples for plotting text in R for axes, labels, and titles.