

code

```
#Create Data
x <- seq(-4,4,0.1)
norm = dnorm(x)
t = dt(x, df=1)

#plot the comparison
ppi=50000
plot(x, norm, type="n", ylab="f(x)", las=1)
lines(x, norm, lty=1, lwd=2)
lines(x, t, lty=2, lwd=2)
legend(1.1, .395, lty=1:2, lwd=2,bty = 'n',
      legend=c(expression(N(mu == 0,sigma == 1)),
                paste("t with ", 1," df", sep=""))))
```