

```

rm(list = ls())
library(graphics)
par(mfrow=c(2,2))

curve((1-x)^50,ylab="Likelihood", xlab=expression(theta))

title(paste("LR(",expression(theta),") n=50 x=0"))

curve(x*(1-x)^52/((1/53)*(1-1/53)^52),ylab="Likelihood", xlab=expression(theta))

title(paste("LR(",expression(theta),") n=52 x=1"))

curve(x^5*(1-x)^547/((5/552)^5*(1-5/552)^547),ylab="Likelihood", xlab=expression(theta))
paste("LR(",expression(theta),") n=552 x=5")

title(paste("LR(",expression(theta),") n=552 x=5"))

```