

Lab 5

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```
n=10
alpha=0.1

Q <- function(x) 1-pnorm(x)
Qinv <- function(x) qnorm(1-x)
power <- function(x){
  Q(Qinv(alpha)-sqrt(n*x*x))
}

mu <- seq(0+0.01,3,length=100)
plot(mu,sapply(mu,power),type="l",ylab="power")
```

