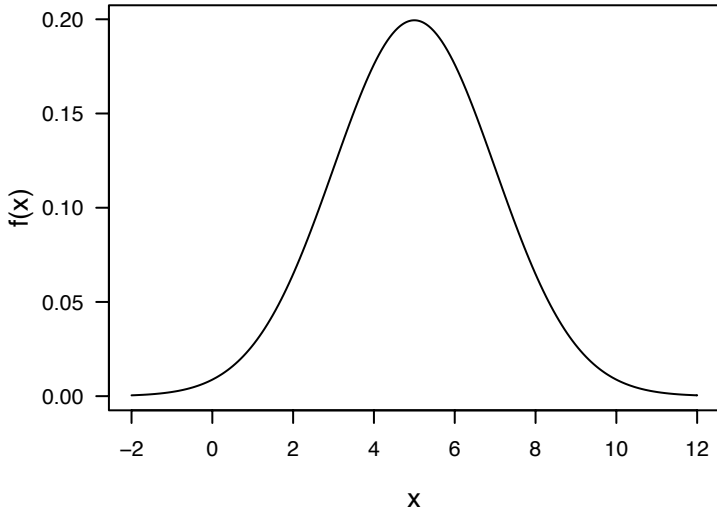
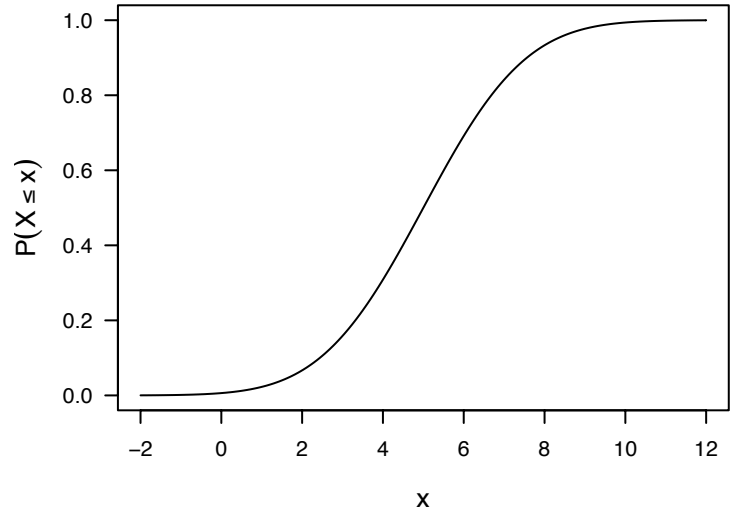


$$X \sim \text{Normal}(\mu=5, \sigma=2)$$

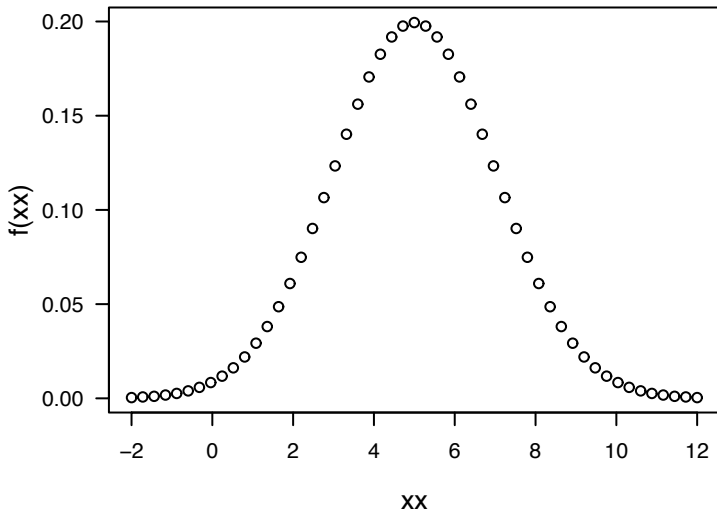
**dnorm(x,mean=5,sd=2)**



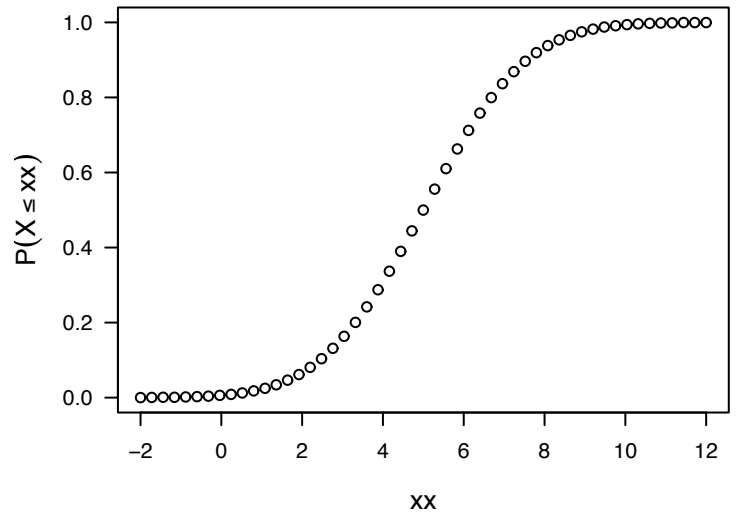
**pnorm(x,mean=5,sd=2)**



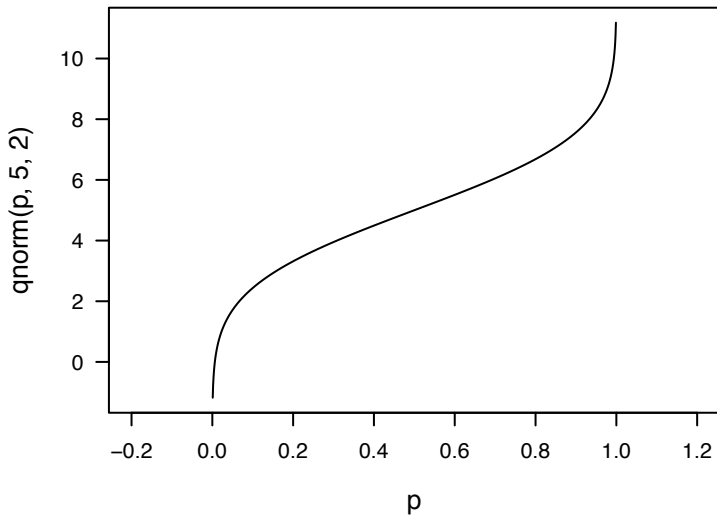
**dnorm(seq(-2,12,length=51),mean=5,sd=2)**



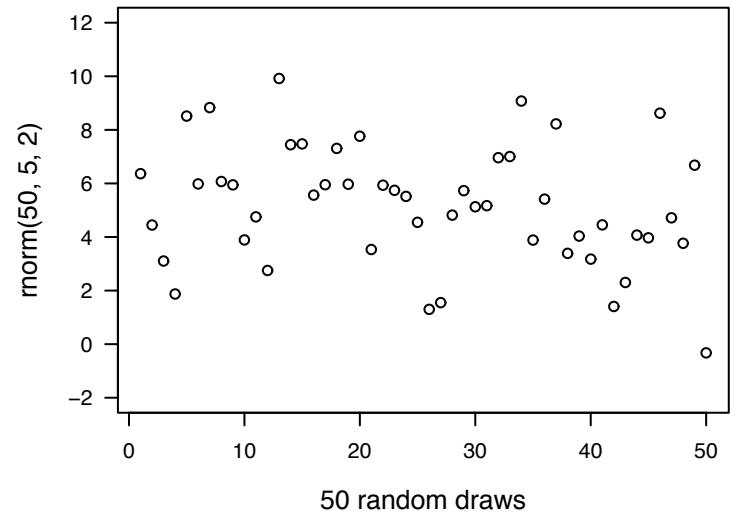
**pnorm(seq(-2,12,length=51),mean=5,sd=2)**



**qnorm(p,mean=5,sd=2)**

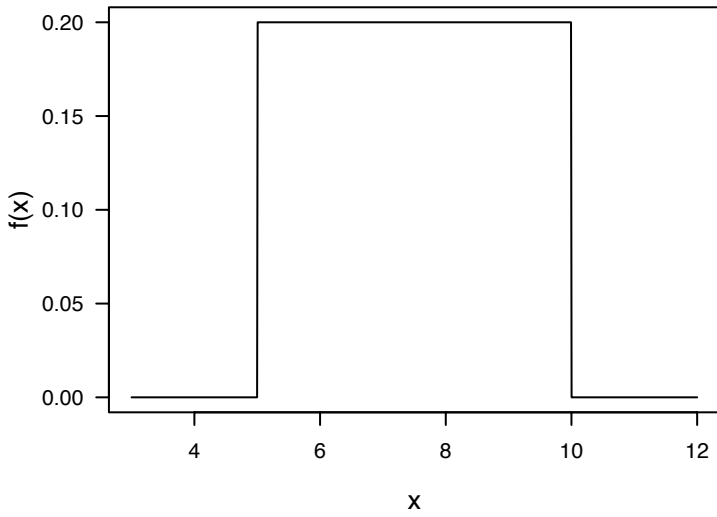


**rnorm(50,mean=5,sd=2)**

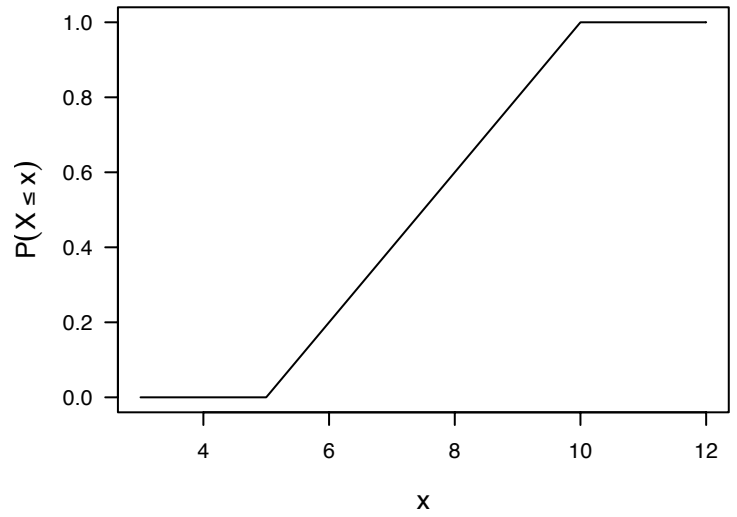


# $X \sim \text{Uniform}(5, 10)$

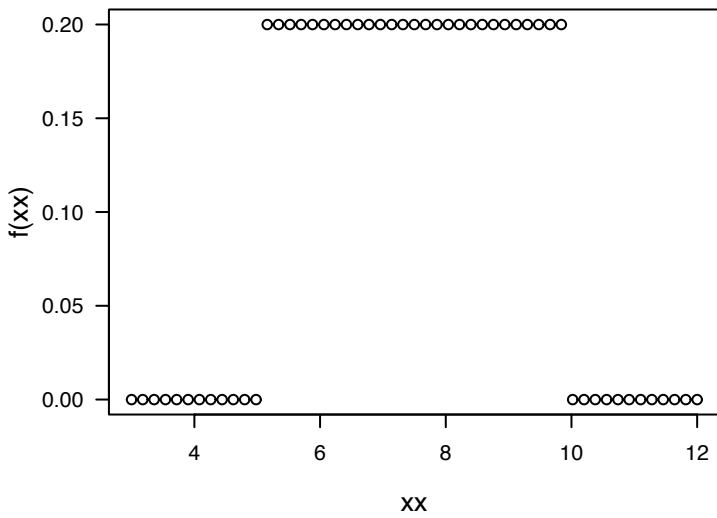
**dunif(x,min=5,max=10)**



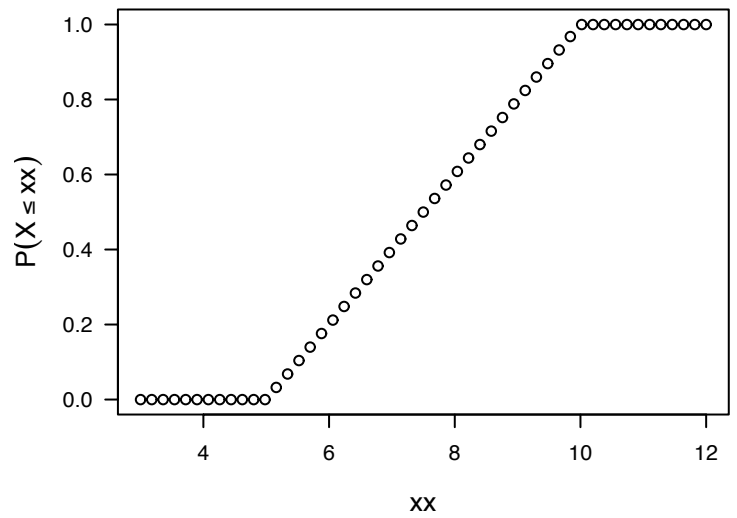
**punif(x,min=5,max=10)**



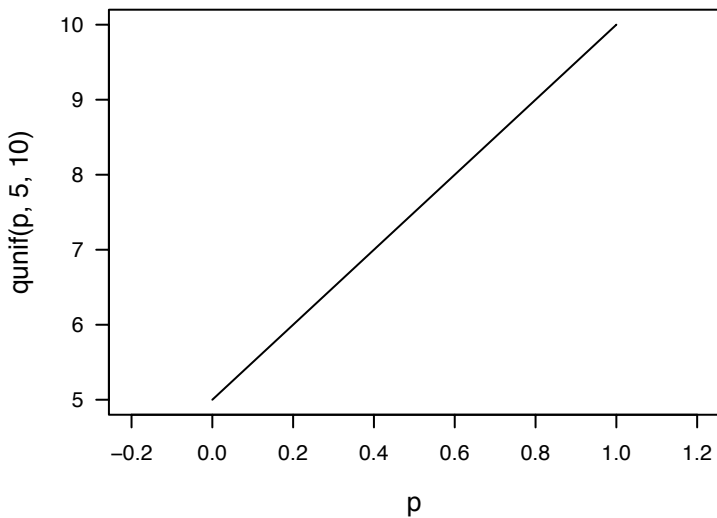
**dunif(seq(3,12,length=51),min=5,max=10)**



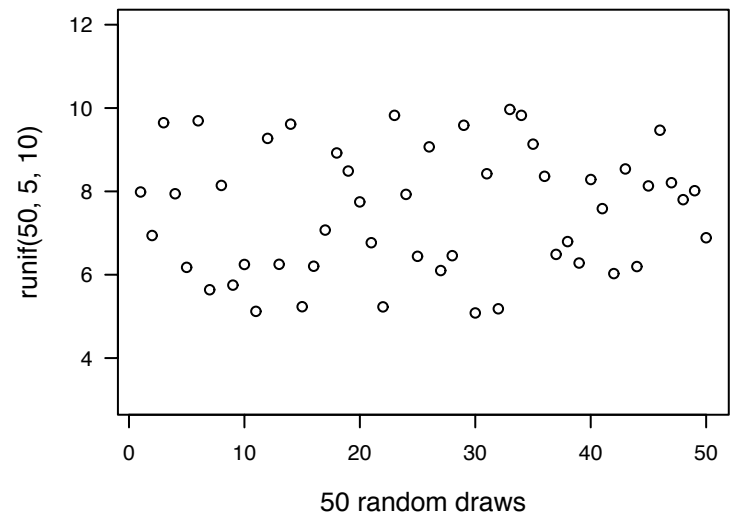
**punif(seq(3,12,length=51),min=5,max=10)**



**qunif(p, 5, 10)**

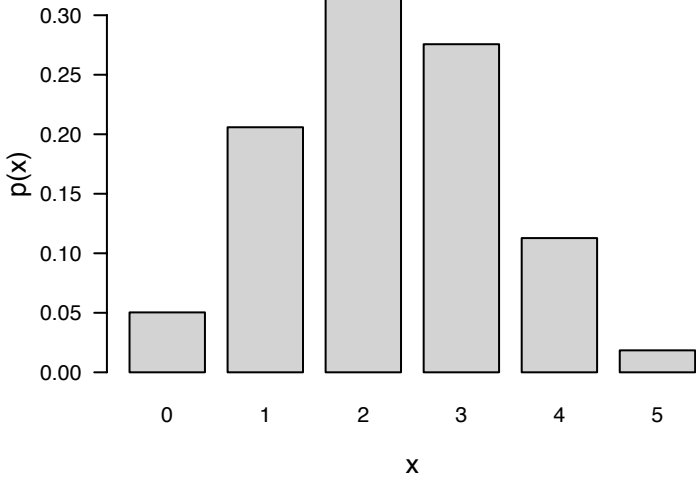


**runif(50,min=5,max=10)**

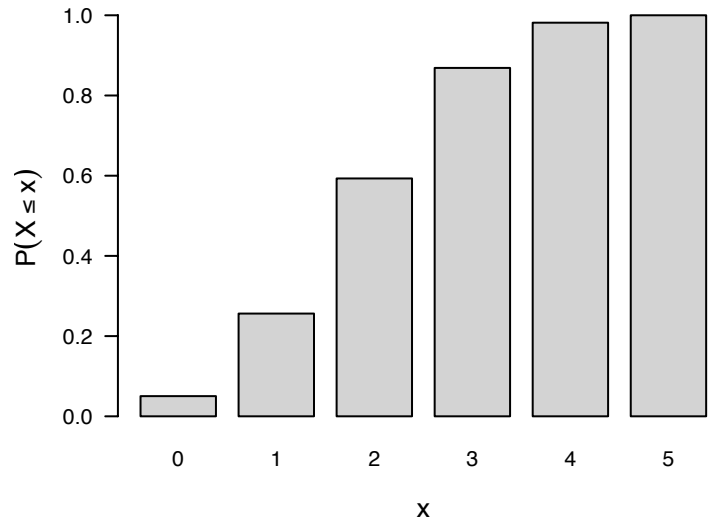


# $X \sim \text{Binomial}(n=5, p=0.45)$

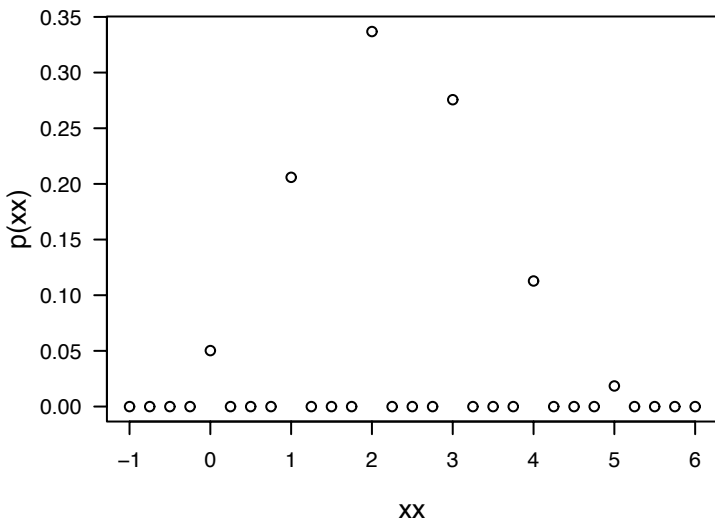
**dbinom(0:5,5,0.45)**



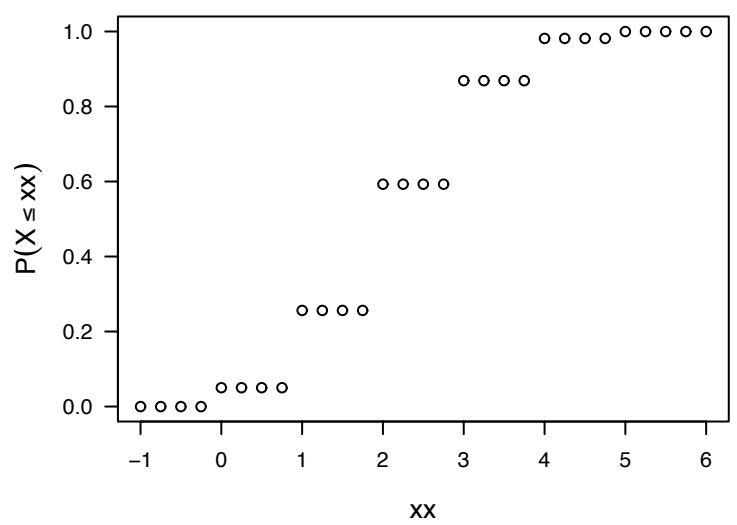
**pbinom(0:5,5,0.45)**



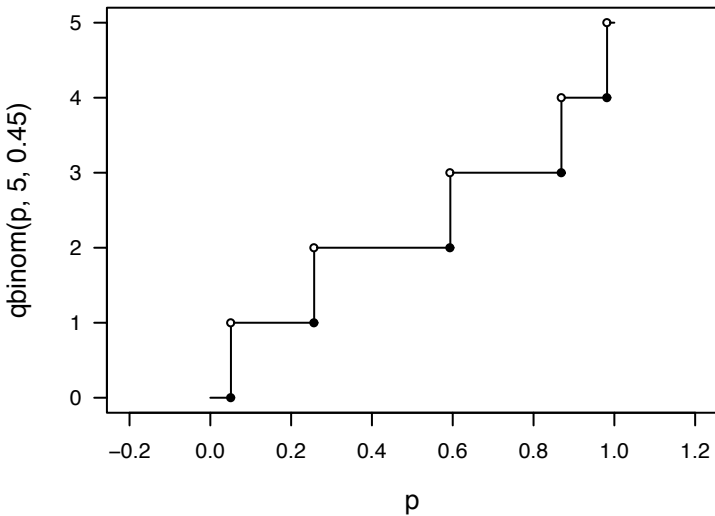
**dbinom(seq(-1,6,by=0.25),5,0.45)**



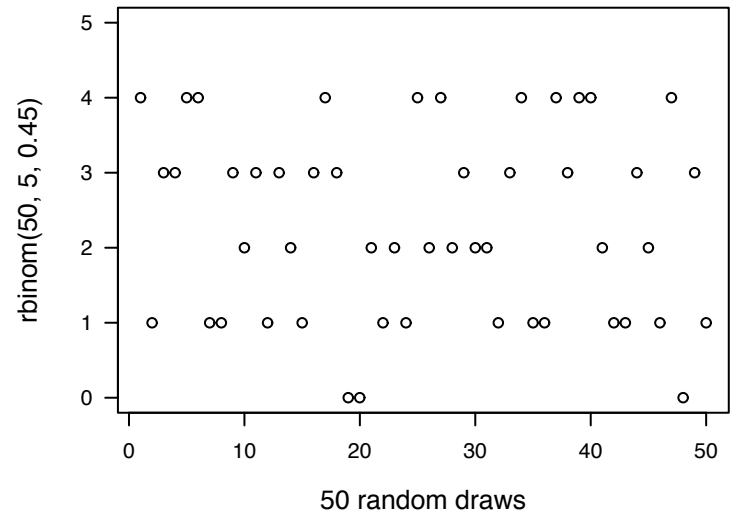
**pbinom(seq(-1,6,by=0.25),5,0.45)**



**qbinom(p,5,0.45)**

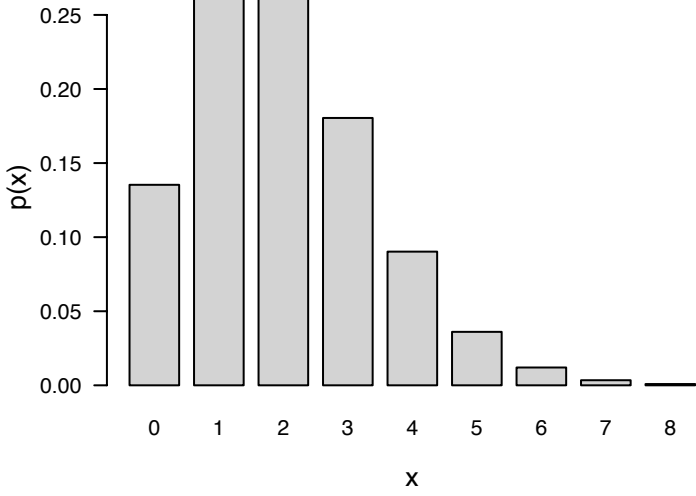


**rbinom(50,5,0.45)**

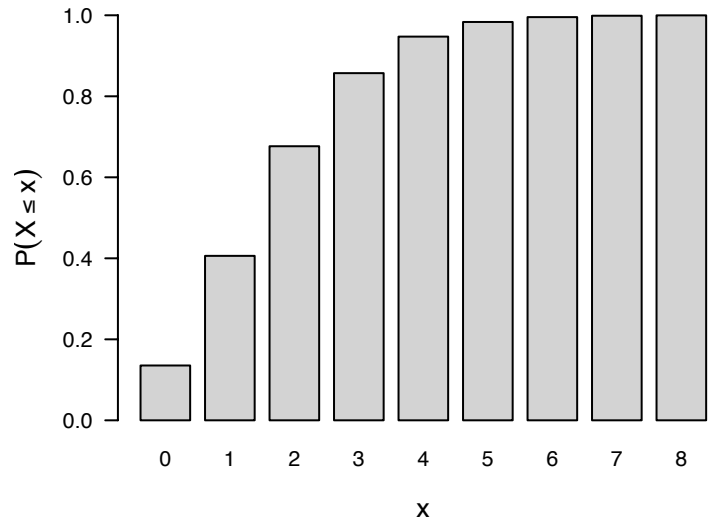


# $X \sim \text{Poisson}(\lambda=2)$

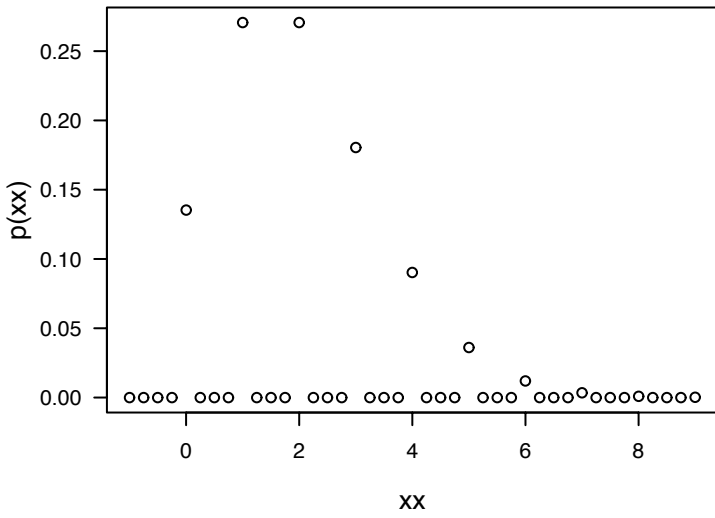
**dpois(0:8,2)**



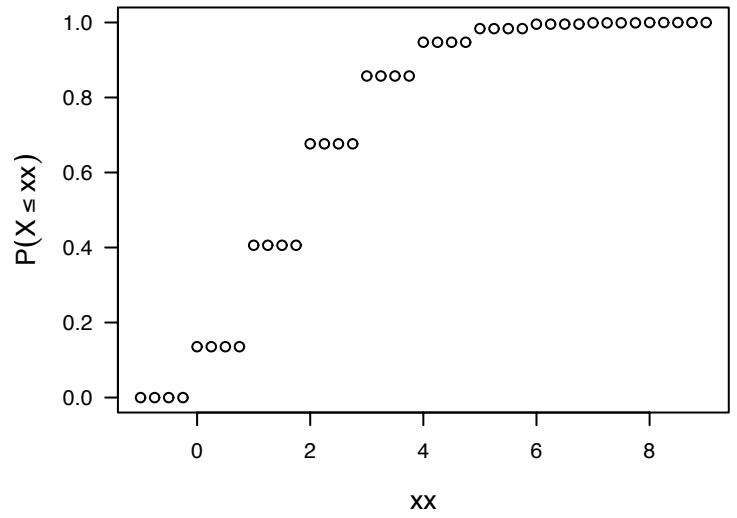
**ppois(0:8,2)**



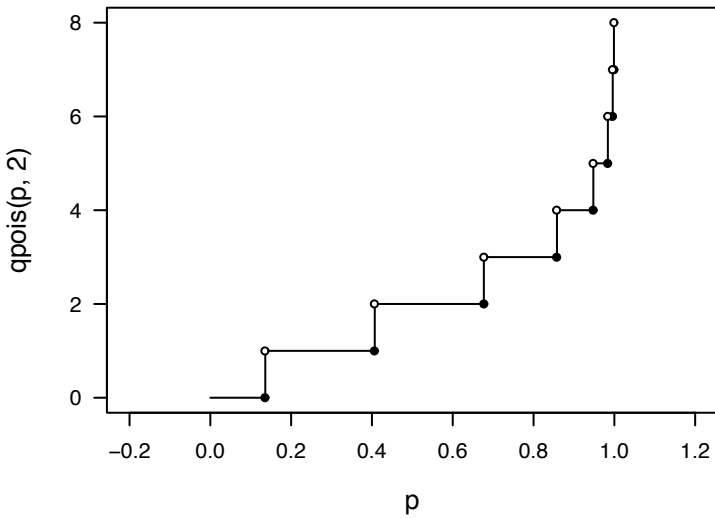
**dpois(seq(-1,9,by=0.25),2)**



**ppois(seq(-1,9,by=0.25),2)**



**qpois(p,2)**



**rpois(50,2)**

