Probability Distribution Codes in R

c	Codes	Description
Binomial	binom(size,prob)	size: sample size prob: probability
Beta	beta(shape1,shape2,ncp)	ncp: non-centrality parameter
Cauchy	cauchy(localtion,scale)	
Chi-Square	chisq(df,ncp)	ncp: non-centrality parameter
Exponential	exp(rate)	
F	f(df1,df2,ncp)	ncp: non-centrality parameter
Geometric	geom(prob)	prob: probability

Probability Distribution	Codes	Description
Gamma	gamma(shape,scale)	
Hypergeometric	Hyper(m,n,k)	m: the number of white balls. n: the number of black balls. k: the number of balls drawn from the urn.
Inverse Gamma	invgamma(shape,rate)	MCMCpack package
Log-Normal	lnorm(meanlog,sdlog)	
Logistic	logis(location,scale)	
Multinomial	multinom(size,prob)	
Normal	norm(mean,sd)	

Probability Distribution	Codes	Description
Negative Binomial	nbinom(size,prob)	size: sample size
Possion	pois(lambda)	lambda: expected value
(student) t	t(df,ncp)	ncp: non-centrality parameter
Uniform	unif(min,max)	
Wilcoxon signed rank	signrank(n)	
Weibull	weibull(shape,scale)	
Wilcox	wilcox(m,n)	m,n: sample size

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