

Study Guide

CSci 154

Spring, 2002

experiment
outcome
sample space
random variable
probability mass function
probability density function
cumulative distribution function
expected value
mean
variance
IID
sample mean
sample variance
estimation
confidence interval
hypothesis tests of the mean
 Type I error
 Type II error
 power of a test
distributions
 uniform discrete
 Bernoulli
 binomial
 negative binomial
 geometric
 empirical discrete
 normal
 standard normal
 uniform