

## Study Guide

CSci 154

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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