Formula Sheet

Mean of a sample space

Variance of a sample space

Standard Deviation of a sample space

Permutation

Combination

Conditional Probability

Bayes Theorem

Independence of A and B

Binomial Distribution

Geometric Distribution

Hypergeometric Distribution

Poisson Distribution

Negative Binomial Distribution

Tchebysheff’s Theorem

P(|Y − µ| < kσ) ≥ 1 −