Permutation

Combination

Conditional

Bayes

Independence if following:

General Addition rule

Mutually exclusive if

Expectance and variance of random numbers

Binomial Distribution

Binomial expectances and variance

Geometric Distribution with expectance and variance

Geometric shortcuts:

On or before n trial:

Before n trial:

On or after n:

After n:

Hypergeometric Distribution with expectance and variance

Negative binomial with expectance and variance

Poisson Distribution with expectance and variance

(T)Chebyshev Theorem

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