Modelling Process Notes

Alexander Bailey

April 26, 2020

Modulo

Probability

Ordered Choice WITH Repetitions

n^k

Unordered Choice WITH Repetitions

$\frac{(k-1+n)!}{k!(n+k1)!} = \binom{n+k-1}{k}$

Ordered Choice without Repetitions

$\frac{n!}{k!}$

Unordered Choice without Repetitions

$\frac{n!}{k!(n-k)!} = \binom{n}{k}$

Functions