Symbols

Ω	Omega
∪	Union/Or
∩	Intersection/And
'	Compliment (Not)
∈	Element Of
∉	Not an Element Of
≈	Tilde Operator, Similar to
≅	Approximately Equal to
≡	Identical to

Sample Spaces

The set of all possible outcomes	Ω
A subset of the sample space	A ⊆ Ω
Listing a sample Space	Ω = {H, T}

Rules of a Rrobability Function

1. P(Ω) = 1
2. P(A) ≥ 0 for all A ⊆ Ω
3. P(A ∪ B) = P(A) + P(B) if A and B are disjoint (A ∩ B = ∅)

By **Novx**
cheatography.com/novx/

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