Statistics & Probability (for engineers) Cheat Sheet

by cuddlyfishy via cheatography.com/195057/cs/40783/

Overview of symbols

Ω (uppercase omega)	Sample Space
ω (lowercase omega)	Points in a sample space {subset} individuals noted by prime (ω') or subtext (ω_1)
∅ (phi)	Empty/void set

Estimator (θ) Notation

Law	Parameters	Estimators
Gauss	$\theta_1 = m$ and $\theta_2 = \sigma^2$	**add a hat to all
Expone-ntial	$\theta_1 = \theta = 1/m = 1/\sigma$	
Poisson	$\theta_1 = \lambda$	
Bernoulli	$\theta_1 = p$	

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