

MAST 6201 MIND MAP 2

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\bar{X} / X-bar	Estimator, a random variable for the mean of a sample
\bar{x} /x-bar	Estimate, computed mean of a particular sample
μ	true population mean
σ^2	true variance of the population we are sampling from
σ	true population standard deviation (almost never know)
n	sample size
\hat{p} /p-hat	percentage estimated from the sample
p	true population percentage
s^2	sample variance
s	sample standard deviation
α	the probability that the true mean falls outside the confidence interval

