Point Estimation

two Poorts

- sucthods for finding Estimators's
- evaluating there (and other) Estimators.

definition 7.1.1:

A Point Estimator à any statistic às a roint estimator

A Statistic in any tunction of the sample

Xixxi..., xn that does not desend on

Unknown larameters. it can be used

too Summarization, interence, or other

Parloses.

	A point Estimator in a Statistic
	Specifically used to estimate an unknown
	Population Parameter (Ex: mean, variance)
	The key difference à one sentence:
	All point estimators are statistics,
	But not all statistics are point estimatoriso
Ēx'	Statistic Point Estimaton
	Sample mean V
	Sample vositiones V
	Sample median V
	Range (mox-min) /
	CIOR)
	Point Estimatoris one a subset of statistics.

Estimatos: A statistic (function of Sample data) used to estimate a Population Parameter. It is a standom Vosciable because it depends on the Sample.

Estimate: The specific value obtained by applying the estimators to a sample. It is the greatization of the estimators.