

## Description

`estat` displays scalar- and matrix-valued statistics after estimation; it complements `predict`, which calculates variables after estimation. Exactly what statistics `estat` can calculate depends on the previous estimation command.

Three sets of statistics are so commonly used that they are available after all estimation commands that store the model log likelihood. `estat ic` displays Akaike's and Schwarz's Bayesian information criteria. `estat summarize` summarizes the variables used by the command and automatically restricts the sample to `e(sample)`; it also summarizes the weight variable and cluster structure, if specified. `estat vce` displays the covariance or correlation matrix of the parameter estimates of the previous model.

## Syntax

Command	Reference
<i>Display information criteria</i>	
<code>estat ic [ , n(#) ]</code>	[R] <a href="#">estat ic</a>
<i>Summarize estimation sample</i>	
<code>estat summarize [eqlist] [ , estat_summ_options ]</code>	[R] <a href="#">estat summarize</a>
<i>Display covariance matrix estimates</i>	
<code>estat vce [ , estat_vce_options ]</code>	[R] <a href="#">estat vce</a>
<i>Command-specific</i>	
<code>estat subcommand<sub>1</sub> [ , options<sub>1</sub> ]</code>	

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