

**estat** — Postestimation statistics

[Description](#)[Syntax](#)

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