Title

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estat lcmean — Latent class marginal means

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Description

estat lcmean reports a table of the marginal predicted means of the outcome within each latent class. For ivregress, mlogit, oprobit, and ologit, a table is produced for each outcome.

marginsplot can be used after estat lcmean to plot the marginal predicted means for each class.

Menu for estat

Statistics > Postestimation

Syntax

estat lcmean [, *options*]

options	Description
nose	do not estimate SEs
post	post margins and their VCE as estimation results
display_options	control column formats, row spacing, and line width

collect is allowed; see [U] **11.1.10 Prefix commands**.

Options

nose suppresses calculation of the VCE and standard errors.

post causes estat lcmean to behave like a Stata estimation (e-class) command. estat lcmean posts the vector of estimated margins along with the estimated variance–covariance matrix to e(), so you can treat the estimated margins just as you would results from any other estimation command.

display_options: vsquish, fvwrap(*#*), fvwrapon(*style*), cformat(%*fmt*), pformat(%*fmt*), sformat(%*fmt*), and nolstretch.

Remarks and examples

estat lcmean is illustrated in [FMM] **Example 2** and [FMM] **Example 3**.

Stored results

estat lcmean stores the following in r():

Scalars
    r(N)   number of observations

Macros
    r(title)   title in output

Matrices
    r(b)   estimates
    r(V)   variance–covariance matrix of the estimates
    r(table)   matrix containing the margins with their standard errors, test statistics, p-values, and
                                      confidence intervals

estat lcmean with the post option also stores the following in e():

Scalars
    e(N)   number of observations

Macros
    e(title)   title in output
    e(properties)   b V

Matrices
    e(b)   estimates
    e(V)   variance–covariance matrix of the estimates

Also see

[FMM] **fmm** — Finite mixture models using the fmm prefix

[FMM] **fmm intro** — Introduction to finite mixture models

[FMM] **fmm postestimation** — Postestimation tools for fmm