estat Icmean — Latent class marginal means

Description	Menu	Syntax	Options
Remarks and examples	Stored results	Also see	

Description

estat 1cmean is for use after gsem but not sem.

estat 1cmean reports a table of the marginal predicted means of each outcome within each latent class.

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

Menu

Statistics > LCA (latent class analysis) > Class marginal means

Syntax

estat lcmean [, options]

options	Description
nose post display_options	do not estimate SEs post margins and their VCE as estimation results 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 1cmean to behave like a Stata estimation (e-class) command. estat 1cmean 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

See [SEM] Example 50g, [SEM] Example 53g, and [SEM] Example 54g.

Stored results

estat 1cmean stores the following in r():

Scalars

number of observations r(N)

Macros

r(title) title in output

Matrices

r(b)estimates

r(V) variance-covariance matrix of the estimates

matrix containing the margins with their standard errors, test statistics, p-values, and conr(table)

fidence intervals

estat 1cmean 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

[SEM] gsem — Generalized structural equation model estimation command

[SEM] **gsem postestimation** — Postestimation tools for gsem

[SEM] Example 50g — Latent class model

[SEM] Example 53g — Finite mixture Poisson regression

[SEM] Example 54g — Finite mixture Poisson regression, multiple responses

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