

estat lcmean — Latent class marginal means
[Description](#)[Menu for estat](#)[Syntax](#)[Options](#)[Remarks and examples](#)[Stored results](#)[Also see](#)

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 ]
```

<i>options</i>	Description
<code>nose</code>	do not estimate SEs
<code>post</code>	post margins and their VCE as estimation results
<code>display_options</code>	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`

Stata, Stata Press, and Mata are registered trademarks of StataCorp LLC. Stata and Stata Press are registered trademarks with the World Intellectual Property Organization of the United Nations. Other brand and product names are registered trademarks or trademarks of their respective companies. Copyright © 1985–2023 StataCorp LLC, College Station, TX, USA. All rights reserved.

