

**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.

## 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 |

## 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

stata.com

`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 intro](#) — Introduction to finite mixture models

[FMM] [fmm](#) — Finite mixture models using the `fmm` prefix

[FMM] [fmm postestimation](#) — Postestimation tools for `fmm`