

eintreg postestimation — Postestimation tools for eintreg

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Postestimation commands

The following postestimation command is of special interest after `eintreg`:

Command	Description
<code>estat teffects</code>	treatment effects and potential-outcome means

The following standard postestimation commands are also available after `eintreg`:

Command	Description
<code>contrast</code>	contrasts and ANOVA-style joint tests of estimates
<code>estat ic</code>	Akaike's and Schwarz's Bayesian information criteria (AIC and BIC)
<code>estat summarize</code>	summary statistics for the estimation sample
<code>estat vce</code>	variance-covariance matrix of the estimators (VCE)
<code>estat (svy)</code>	postestimation statistics for survey data
<code>estimates</code>	cataloging estimation results
* <code>forecast</code>	dynamic forecasts and simulations
<code>lincom</code>	point estimates, standard errors, testing, and inference for linear combinations of coefficients
* <code>lrtest</code>	likelihood-ratio test
<code>margins</code>	marginal means, predictive margins, marginal effects, and average marginal effects
<code>marginsplot</code>	graph the results from margins (profile plots, interaction plots, etc.)
<code>nlcom</code>	point estimates, standard errors, testing, and inference for nonlinear combinations of coefficients
<code>predict</code>	predictions, residuals, influence statistics, and other diagnostic measures
<code>predictnl</code>	point estimates, standard errors, testing, and inference for generalized predictions
<code>pwcompare</code>	pairwise comparisons of estimates
<code>suest</code>	seemingly unrelated estimation
<code>test</code>	Wald tests of simple and composite linear hypotheses
<code>testnl</code>	Wald tests of nonlinear hypotheses

* `forecast` and `lrtest` are not appropriate with `svy` estimation results.

predict

Predictions after `eintreg` are described in

[ERM] eintreg predict	predict after eintreg
[ERM] predict treatment	predict for treatment statistics
[ERM] predict advanced	predict's advanced features

[ERM] **eintreg predict** describes the most commonly used predictions. If you fit a model with treatment effects, predictions specifically related to these models are detailed in [ERM] **predict treatment**. [ERM] **predict advanced** describes less commonly used predictions, such as predictions of outcomes in auxiliary equations.

margins

Description for margins

`margins` estimates margins of response for means, probabilities, potential-outcome means, treatment effects, and linear predictions.

Menu for margins

Statistics > Postestimation

Syntax for margins

```
margins [marginlist] [, options]
```

```
margins [marginlist] , predict(statistic ...) [predict(statistic ...) ...] [options]
```

<i>statistic</i>	Description
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Main

<u>mean</u>	mean; the default
<u>pr</u>	probability for binary or ordinal y_j
<u>pomean</u>	potential-outcome mean
<u>te</u>	treatment effect
<u>tet</u>	treatment effect on the treated
<u>xb</u>	linear prediction
<u>pr</u> (a, b)	$\Pr(a < y_j < b)$ for continuous y_j
<u>e</u> (a, b)	$E(y_j a < y_j < b)$ for continuous y_j
<u>ystar</u> (a, b)	$E(y_j^*), y_j^* = \max\{a, \min(y_j, b)\}$ for continuous y_j

Statistics not allowed with `margins` are functions of stochastic quantities other than `e(b)`.

For the full syntax, see [R] **margins**.

Remarks and examples

[stata.com](https://www.stata.com)

See [ERM] [intro 6](#) for an overview of using margins and predict after eintreg. For examples using margins, predict, and estat teffects, see *Interpreting effects* in [ERM] [intro 8](#) and see [ERM] [example 1a](#).

Methods and formulas

Counterfactual predictions and inferences for the underlying model in interval regression can be evaluated as in a linear regression model. These predictions and effects are described in *Methods and formulas* of [ERM] [eregress postestimation](#). Methods and formulas for all other predictions are given in *Methods and formulas* of [ERM] [eintreg](#).

Also see

[ERM] [eintreg](#) — Extended interval regression

[ERM] [eintreg predict](#) — predict after eintreg

[ERM] [predict treatment](#) — predict for treatment statistics

[ERM] [predict advanced](#) — predict's advanced features

[ERM] [eprobit postestimation](#) — Postestimation tools for eprobit

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