estat eform — Display exponentiated coefficients

Description

`estat eform` is for use after `gsem` but not `sem`.

`gsem` reports coefficients. You can obtain exponentiated coefficients and their standard errors by using `estat eform` after estimation to redisplay results.

Menu

Statistics > SEM (structural equation modeling) > Other > Display exponentiated coefficients

Syntax

`estat eform` [*eqnamelist*] [, `level(`#`)` *display_options*]

where *eqnamelist* is a list of equation names. In `gsem`, equation names correspond to the names of the response variables. If no *eqnamelist* is specified, exponentiated results for the first equation are shown.

Options

`level(`#`)`; see [R] **Estimation options**; default is `level(95)`.

display_options control the display of factor variables and more. Allowed *display_options* are `noci`, `nopvalues`, `noomitted`, `vsquish`, `noemptycells`, `baselevels`, `allbaselevels`, `nofvlabel`, `fvwrap(`#`)`, `fvwrapon(`*style*`)`, `cformat(`*%fmt*`)`, `pformat(`*%fmt*`)`, `sformat(`*%fmt*`)`, and `nolstretch`. See [R] **Estimation options**.

Remarks and examples

In some generalized linear response functions, exponentiated coefficients have a special meaning. Those special meanings are as follows:

Common name	Family	Link	Meaning of exp(coef)
logit	Bernoulli	logit	odds ratio
ologit	ordinal	logit	odds ratio
mlogit	multinomial	logit	relative-risk ratio
Poisson	Poisson	log	incidence-rate ratio
nbreg	nbreg	log	incidence-rate ratio

Survival distribution	Meaning of exp(coef)
exponential	hazard ratio
Weibull	hazard ratio
gamma	time ratio
loglogistic	time ratio
lognormal	time ratio

See [SEM] **Example 33g** and [SEM] **Example 34g**.

Also see

[SEM] **gsem** — Generalized structural equation model estimation command

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

[SEM] **Intro 7** — Postestimation tests and predictions

[SEM] **Example 33g** — Logistic regression

[SEM] **Example 34g** — Combined models (generalized responses)

[SEM] **Example 47g** — Exponential survival model

[SEM] **Example 48g** — Loglogistic survival model with censored and truncated data