

estat eform — Display exponentiated coefficients

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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

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