

expoisson postestimation — Postestimation tools for `expoisson`

[Postestimation commands](#)[estat](#)[Remarks and examples](#)[Also see](#)

Postestimation commands

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

Command	Description
<code>estat se</code>	report coefficients or IRRs and their asymptotic standard errors

The following standard postestimation commands are also available:

Command	Description
<code>estat summarize</code>	summary statistics for the estimation sample
<code>estimates</code>	cataloging estimation results
<code>etable</code>	table of estimation results

estat

Description for estat

`estat se` reports regression coefficients or incidence-rate asymptotic standard errors. The estimates are stored in the matrix `r(estimates)`.

Menu for estat

Statistics > Postestimation

Syntax for estat

```
estat se [, irr]
```

Option for estat

`irr` requests that the incidence-rate ratios and their asymptotic standard errors be reported. The default is to report the coefficients and their asymptotic standard errors.

Remarks and examples

▷ Example 1

To demonstrate `estat se` after `expoisson`, we use the British physicians smoking data.

```
. use https://www.stata-press.com/data/r18/smokes
(Cigarette smoking and lung cancer among British physicians (45-49 years))
. expoission cases smokes, exposure(peryrs) irr nolog
```

Exact Poisson regression

Number of obs = 7

cases	IRR	Suff.	2*Pr(Suff.)	[95% conf. interval]	
smokes ln(peryrs)	1.077718	797.4	0.0000	1.04552	1.111866
		1 (exposure)			

```
. estat se, irr
```

cases	IRR	Std. err.
smokes	1.077718	.0168547

◀

Also see

[R] [expoisson](#) — Exact Poisson regression

[U] [20 Estimation and postestimation commands](#)

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