

Postestimation commands

The following postestimation commands are available after `total`:

Command	Description
<code>contrast</code>	contrasts and ANOVA-style joint tests of parameters
<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>etable</code>	table of estimation results
<code>lincom</code>	point estimates, standard errors, testing, and inference for linear combinations of parameters
<code>marginsplot</code>	graph the results from <code>total</code>
<code>nlcom</code>	point estimates, standard errors, testing, and inference for nonlinear combinations of parameters
<code>pwcompare</code>	pairwise comparisons of parameters
<code>test</code>	Wald tests of simple and composite linear hypotheses
<code>testnl</code>	Wald tests of nonlinear hypotheses

Remarks and examples

► Example 1

Continuing with our data on incidence of heart attacks from [example 1](#) in [\[R\] total](#), we want to test whether there are twice as many heart attacks among men than women in the population.

```
. use https://www.stata-press.com/data/r19/total
(Fictional incidence of heart-attack data)

. total heartatk [pw=swgt], over(sex)
(output omitted)

. test heartatk@1.sex = 2 * heartatk@2.sex
( 1)  c.heartatk@1bn.sex - 2*c.heartatk@2.sex = 0
      F( 1, 4945) = 1.25
      Prob > F = 0.2643
```

Thus we do not reject our hypothesis that the total number of heart attacks for men is twice that for women in the population.



Also see

[\[R\] total](#) — Estimate totals

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

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