

## total postestimation — Postestimation tools for total

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## Postestimation commands

The following postestimation commands are available after `total`:

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

## Remarks and examples

stata.com

### ► 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/r18/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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