display — Substitute for a hand calculator

Description

display displays strings and values of scalar expressions.

display really has many more features and a more complex syntax diagram, but the diagram shown above is adequate for interactive use. For a full discussion of display’s capabilities, see \[P\] display.

Quick start

Perform calculations interactively

display 100*100

As above, but include comma in the result

display %6.0fc 100*100

Verify choice of datetime function

display %tm monthly("January 1983","MY")

View formatted mean after summarize

display %5.2f r(mean)

Add the variance with a different format on its own line

display "mean = " %5.2f r(mean) _newline "variance = " %10.4f r(Var)

Syntax

display exp

Remarks and examples

display can be used as a substitute for a hand calculator.

Example 1

display 2+2 produces the output 4. Stata variables may also appear in the expression, such as in display myvar/2. Because display works only with scalars, the resulting calculation is performed only for the first observation. You could type display myvar[10]/2 to display the calculation for the 10th observation. Here are more examples:
. display sqrt(2)/2
. 70710678
. display normal(-1.1)
. 13566606
. di (57.2-3)/(12-2)
. 5.42
. display myvar/10
. 7
. display myvar[10]/2
. 3.5

Also see
[P] display — Display strings and values of scalar expressions
[U] 13 Functions and expressions