st_store( ) — Modify values stored in current Stata dataset

Description Syntax Remarks and examples Conformability Diagnostics Also see

Description

These functions mirror `_st_data()`, `st_data()`, and `st_sdata()`. Rather than returning the contents from the Stata dataset, these commands change those contents to be as given by the last argument.

Syntax

void `_st_store(`*real scalar i*`,` *real scalar j*`,` *real scalar x*`)`

void `st_store(`*real matrix i*`,` *rowvector j*`,` *real matrix X*`)` (1,2)

void `st_store(`*real matrix i*`,` *rowvector j*`,` *scalar selectvar*`,` *real matrix X*`)` (1,2,3)

void `_st_sstore(`*real scalar i*`,` *real scalar j*`,` *string scalar s*`)`

void `st_sstore(`*real matrix i*`,` *rowvector j*`,` *string matrix X*`)` (1,2)

void `st_sstore(`*real matrix i*`,` *rowvector j*`,` *scalar selectvar*`,` *string matrix X*`)` (1,2,3)

where

1. *i* may be specified in the same way as with `st_data()`.
2. *j* may be specified in the same way as with `st_data()`, except that time-series operators may not be specified.
3. *selectvar* may be specified in the same way as with `st_data()`.

See [M-5] **st_data( )**.

Remarks and examples

See [M-5] **st_data( )**.

Conformability

`_st_store(`*i*`,` *j*`,` *x*`)`, `_st_sstore(`*i*`,` *j*`,` *x*`)`:

i:	1×1
j:	1×1
x:	1×1
result:	*void*

`st_store(`*i*`,` *j*`,` *X*`)`, `st_sstore(`*i*`,` *j*`,` *X*`)`:

i:	$n \times 1$ or $n_2 \times 2$
j:	$1 \times k$
X:	$n \times k$
result:	*void*

`st_store(`*i*`,` *j*`,` *selectvar*`,` *X*`)`, `st_sstore(`*i*`,` *j*`,` *selectvar*`,` *X*`)`:

i:	$n \times 1$ or $n_2 \times 2$
j:	$1 \times k$
selectvar:	1×1
X:	$(n - e) \times k$, where e is number of observations excluded by *selectvar*
result:	*void*

Diagnostics

`_st_store(`*i*`,` *j*`,` *x*`)` and `_st_sstore(`*i*`,` *j*`,` *s*`)` do nothing if *i* or *j* is out of range; they do not abort with error.

`st_store(`*i*`,` *j*`,` *X*`)` and `st_sstore(`*i*`,` *j*`,` *s*`)` abort with error if any element of *i* or *j* is out of range. *j* may be specified as a vector of variable names or as a vector of variable indices. If names are specified, abbreviations are allowed. If you do not want this, use `st_varindex()` (see [M-5] **st_varindex( )**) to translate variable names into variable indices.

`st_store()` and `st_sstore()` abort with error if *X* is not p-conformable with the matrix that `st_data()` (`st_sdata()`) would return.

Also see

[M-5] **st_addvar( )** — Add variable to current Stata dataset

[M-5] **st_data( )** — Load copy of current Stata dataset

[M-4] **Stata** — Stata interface functions

[D] **putmata** — Put Stata variables into Mata and vice versa