

st_store() — Modify values stored in current Stata dataset

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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

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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_data\(\)](#) — Load copy of current Stata dataset

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

[M-4] [stata](#) — Stata interface functions

[D] [putmata](#) — Put Stata variables into Mata and vice versa