

st_addobs() — Add observations to current Stata dataset

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Description

`st_addobs(n)` adds *n* observations to the current Stata dataset.

`st_addobs(n, nofill)` does the same thing but saves computer time by not filling in the additional observations with the appropriate missing-value code if *nofill* \neq 0. `st_addobs(n, 0)` is equivalent to `st_addobs(n)`. Use of `st_addobs()` with *nofill* \neq 0 is not recommended. If you specify *nofill* \neq 0, it is your responsibility to ensure that the added observations ultimately are filled in or removed before control is returned to Stata.

`_st_addobs(n)` and `_st_addobs(n, nofill)` perform the same action as `st_addobs(n)` and `st_addobs(n, nofill)`, except that they return 0 if successful and the appropriate Stata return code otherwise (otherwise usually being caused by insufficient memory). Where `_st_addobs()` would return nonzero, `st_addobs()` aborts with error.

Syntax

```
void          st_addobs(real scalar n)
void          st_addobs(real scalar n, real scalar nofill)

real scalar  _st_addobs(real scalar n)
real scalar  _st_addobs(real scalar n, real scalar nofill)
```

Remarks and examples

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There need not be any variables defined to add observations. If you are attempting to create a dataset from nothing, you can add the observations first and then add the variables, or you can add the variables and then add the observations. Use `st_addvar()` (see [M-5] [st_addvar\(\)](#)) to add variables.

Conformability

```
st_addobs(n, nofill):
  n:          1 × 1
  nofill:     1 × 1  (optional)
  result:     void

_st_addobs(n, nofill):
  n:          1 × 1
  nofill:     1 × 1  (optional)
  result:     1 × 1
```

Diagnostics

`st_addobs(n [, nofill])` and `_st_addobs(n [, nofill])` abort with error if $n < 0$. They do nothing if $n = 0$.

`st_addobs()` aborts with error if there is insufficient memory to add the requested number of observations.

`_st_addobs()` aborts with error if $n < 0$ but otherwise returns the appropriate Stata return code if the observations cannot be added. If they are added, 0 is returned.

`st_addobs()` and `_st_addobs()` do not set `st_update()` (see [M-5] [st_update\(\)](#)); you must set it if you want it set.

Also see

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