Title

st_vartype( ) — Storage type of Stata variable

Syntax

> *string scalar* st_vartype(*scalar var*)
>
> *real scalar*   st_isnumvar(*scalar var*)
>
> *real scalar*   st_isstrvar(*scalar var*)

where *var* contains a Stata variable name or a Stata variable index.

Description

In all the functions, if *var* is specified as a name, abbreviations are not allowed.

st_vartype(*var*) returns the storage type of the *var*, such as float, double, or str18.

st_isnumvar(*var*) returns 1 if *var* is a numeric variable and 0 otherwise.

st_isstrvar(*var*) returns 1 if *var* is a string variable and 0 otherwise.

Remarks and examples

st_isstrvar(*var*) and st_isnumvar(*var*) are antonyms. Both functions are provided merely for convenience; they tell you nothing that you cannot discover from st_vartype(*var*).

Conformability

st_vartype(*var*):
          var: 1×1
        result: 1×1

st_isnumvar(*var*), st_isstrvar(*var*):
          var: 1×1
        result: 1×1

Diagnostics

All functions abort with error if *var* is not a valid Stata variable.

Also see

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