Title

> **st_varformat( ) —** Obtain/set format, etc., of Stata variable

Description   Syntax   Conformability   Diagnostics   Also see

Description

st_varformat(*var*) returns the display format associated with *var*, such as "%9.0gc". st_varformat(*var*, *fmt*) changes *var*'s display format.

st_varlabel(*var*) returns the variable label associated with *var*, such as "Sex of Patient", or it returns "" if *var* has no variable label. st_varformat(*var*, *label*) changes *var*'s variable label.

st_varvaluelabel(*var*) returns the value-label name associated with *var*, such as "origin", or it returns "" if *var* has no value label. st_varvaluelabel(*var*, *labelname*) changes the value-label name associated with *var*.

Syntax

> *string scalar*   st_varformat(*scalar var*)
>
> *void*   st_varformat(*scalar var*, *string scalar fmt*)
>
> *string scalar*   st_varlabel(*scalar var*)
>
> *void*   st_varlabel(*scalar var*, *string scalar label*)
>
> *string scalar*   st_varvaluelabel(*scalar var*)
>
> *void*   st_varvaluelabel(*scalar var*, *string scalar labelname*)

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

Conformability

st_varformat(*var*), st_varlabel(*var*), st_varvaluelabel(*var*):

var:	1×1
result:	1×1

st_varformat(*var*, *fmt*), st_varlabel(*var*, *label*), st_varvaluelabel(*var*, *labelname*):

var:	1×1
value:	1×1
result:	*void*

Diagnostics

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

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

st_varformat(*var*, *fmt*) aborts with error if *fmt* does not contain a valid display format for *var*.

st_varlabel(*var*, *label*) will truncate *label* if it is too long.

st_varvaluelabel(*var*, *labelname*) aborts with error if *var* is a Stata string variable or if *labelname* does not contain a valid name (assuming *labelname* is not ""). It is not required, however, that the label name exist.

Also see

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