

**st\_varname()** — Obtain variable names from variable indices

Description Diagnostics	Syntax Also see	Remarks and examples	Conformability
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## Description

`st_varname(k)` returns the Stata variable names associated with the variable indices stored in *k*. For instance, with the automobile data in memory

```
names = st_varname((1..3))
```

results in `names` being ("make", "price", "mpg").

`st_varname(k, tsmap)` does the same thing but allows you to specify whether you want the actual or logical variable names of any time-series–operated variables created by the Mata function `st_tsrevar()` (see [M-5] [st\\_tsrevar\(\)](#)) or by the Stata command `tsrevar` (see [TS] [tsrevar](#)).

`st_varname(k)` is equivalent to `st_varname(k, 0)`; actual variable names are returned.

`st_varname(k, 1)` returns logical variable names.

## Syntax

```
string rowvector st_varname(real rowvector k)
```

```
string rowvector st_varname(real rowvector k, real scalar tsmap)
```

## Remarks and examples

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To understand the actions of `st_varname(k, 1)`, pretend that variable 58 was created by `st_tsrevar()`:

```
k = st_tsrevar(("gnp", "r", "l.gnp"))
```

Pretend that `k` now contains (12, 5, 58). Variable 58 is a new, temporary variable, containing `l.gnp` values. Were you to ask for the actual names of the variables

```
actualnames = st_varname(k)
```

`actualnames` would contain ("gnp", "r", "\_\_00004a"), although the name of the last variable will vary because it is a temporary variable. Were you to ask for the logical names,

```
logicalnames = st_varname(k, 1)
```

you would get back ("gnp", "r", "L.gnp").

## Conformability

`st_varname(k, tsmap)`

<i>k</i> :	$1 \times c$	
<i>tsmap</i> :	$1 \times 1$	(optional)
<i>result</i> :	$1 \times c$	

## Diagnostics

`st_varname(k)` and `st_varname(k, tsmap)` abort with error if any element of *k* is less than 1 or greater than `st_nvar()`; see [M-5] `st_nvar()`.

## Also see

[M-5] `st_tsrevar()` — Create time-series op.varname variables

[M-5] `st_varindex()` — Obtain variable indices from variable names

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