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## Description

`st_viewvars(V)` returns the indices of the Stata variables corresponding to the columns of *V*.

`st_viewobs(V)` returns the Stata observation numbers corresponding to the rows of *V*. Returned is either a  $1 \times 2$  row vector recording the observation range or an  $N \times 1$  column vector recording the individual observation numbers.

## Syntax

*real rowvector* `st_viewvars(matrix V)`

*real vector* `st_viewobs(matrix V)`

where *V* is required to be a view.

## Remarks and examples

The results returned by these two functions are suitable for inclusion as arguments in subsequent calls to `st_view()` and `st_sview()`; see [\[M-5\] st\\_view\(\)](#).

## Conformability

`st_viewvars(V):`

*V*:  $N \times k$   
*result*:  $1 \times k$

`st_viewobs(V):`

*V*:  $N \times k$   
*result*:  $1 \times 2$  or  $N \times 1$

## Diagnostics

`st_viewvars(V)` and `st_viewobs(V)` abort with error if *V* is not a view.

## Also see

[\[M-5\] st\\_view\(\)](#) — Make matrix that is a view onto current Stata dataset

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

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