st_viewvars( ) — Variables and observations of view

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 × 2 row vector recording the observation range or an N × 1 column vector recording the individual observation numbers.

Syntax

\[
\begin{align*}
\text{real rowvector} & \quad \text{st_viewvars(matrix V)} \\
\text{real vector} & \quad \text{st_viewobs(matrix V)}
\end{align*}
\]

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):
\[
\begin{align*}
V: & \quad N \times k \\
result: & \quad 1 \times k
\end{align*}
\]

st_viewobs(V):
\[
\begin{align*}
V: & \quad N \times k \\
result: & \quad 1 \times 2 \quad \text{or} \quad N \times 1
\end{align*}
\]

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