mi reshape — Reshape mi data

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Description

mi reshape is Stata's reshape for mi data; see [D] reshape.

Menu

Statistics > Multiple imputation

Syntax

Overview

(The words long and wide in what follows have nothing to do with mi styles mlong, flong, flongsep, and wide; they have to do with reshape's concepts.)

long			
i	j	stub	
1	1 2	4.1 4.5	
$\begin{vmatrix} 2\\2 \end{vmatrix}$	1 2	3.3 3.0	



	Wid	e
i	stub 1	stub 2
1	4.1	4.5
2	3.3	3.0

To go from long to wide:

$$\begin{tabular}{ll} j existing variable\\ $/$\\ m ireshape wide $stub$, i(i) j(j) \end{tabular}$$

To go from wide to long:

Basic syntax

Convert mi data from long form to wide form

Convert mi data from wide form to long form

options	Description
i(varlist)	i variable(s)
j (varname [values])	long \rightarrow wide: j , existing variable wide \rightarrow long: j , new variable optionally specify values to subset j
string	j is string variable (default is numeric)
where <i>values</i> is #[-#]["string"[.] if j is numeric (the default) "string"] if j is string

and where *stubnames* are variable names (long→wide), or stubs of variable names (wide→long). Unlike reshape (see [D] reshape), stubnames may not contain @ to denote where j appears in the name; all stubnames must follow the style stub#.

Options

See [D] reshape for descriptions of the other options.

Remarks and examples

The reshape command you specify is carried out on the m=0 data, and then the result is duplicated in m = 1, m = 2, ..., m = M.

In mi reshape, all variables corresponding to the same stubnames must be registered of the same mi type: imputed, passive, or regular.

Also see

[MI] Intro — Introduction to mi

[MI] mi replace0 — Replace original data

[D] reshape — Convert data from wide to long form and vice versa

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