Title stata.com

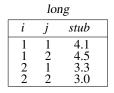
mi reshape — Reshape mi data

Syntax Menu Description Options Remarks and examples Also see

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.)





wiae		
stub 1	stub 2	
4.1	4.5	
3.3	3.0	
	stub 1	stub1 stub2 4.1 4.5

To go from long to wide:

$$\label{eq:continuous} \begin{array}{c} j \text{ existing variable} \\ \\ \\ \text{mi reshape wide } stub, \text{ i(i) j(j)} \end{array}$$

To go from wide to long:

mi reshape long
$$\mathit{stub}$$
, i(i) j(j) \\ j new variable

Basic syntax

Convert mi data from long form to wide form

```
mi reshape wide stubnames, i(varlist) j(varname) [options]
```

Convert mi data from wide form to long form

mi reshape long stubnames, i(varlist) j(varname) [options]

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
<u>s</u> tring	j is string variable (default is numeric)

```
where values is \#[-\#][\ldots] if j is numeric (the default) "string" ["string" \ldots] if j is string
```

and where *stubnames* are variable names (long \rightarrow wide), or stubs of variable names (wide \rightarrow 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#*.

Menu

Statistics > Multiple imputation

Description

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

Options

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

Remarks and examples

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

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