**mi reshape — Reshape mi data**

### 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.)

<table>
<thead>
<tr>
<th>long</th>
<th>wide</th>
</tr>
</thead>
<tbody>
<tr>
<td>(i)</td>
<td>(j)</td>
</tr>
<tr>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
</tr>
<tr>
<td>2</td>
<td>2</td>
</tr>
</tbody>
</table>

To go from long to wide:

\[
\text{mi reshape wide } stub, i(i) j(j)
\]

To go from wide to long:

\[
\text{mi reshape long } stub, i(i) j(j)
\]

**Basic syntax**

Convert mi data from long form to wide form

\[
\text{mi reshape wide } stubnames, i(varlist) j(varname) [ options ]
\]

Convert mi data from wide form to long form

\[
\text{mi reshape long } stubnames, i(varlist) j(varname) [ options ]
\]

<table>
<thead>
<tr>
<th>options</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>(i(varlist))</td>
<td>(i) variable(s)</td>
</tr>
</tbody>
</table>
| \(j(varname [ values ]\) | long→wide: \(j\), existing variable  
wide→long: \(j\), new variable  
optionally specify values to subset \(j\) |
| string | \(j\) is string variable (default is numeric) |

where values is \(#[-#][...], if \(j\) is numeric (the default)  
"string" ["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#*.

**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**

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**

[M] *intro* — Introduction to mi
[M] *mi replace0* — Replace original data
[D] *reshape* — Convert data from wide to long form and vice versa