Description

mi expand is expand (see [D] **expand**) for mi data. The syntax is identical to expand except that in *range* is not allowed and the noupdate option is allowed.

mi expand *exp* replaces each observation in the dataset with n copies of the observation, where n is equal to the required expression rounded to the nearest integer. If the expression is less than 1 or equal to missing, it is interpreted as if it were 1, meaning that the observation is retained but not duplicated.

Menu

Statistics > Multiple imputation

Syntax

mi expand [=]*exp* [*if*] [, *options*]

options	Description
generate(*newvar*)	create *newvar*; 0 = original, 1 = expanded
noupdate	see [MI] **noupdate option**

Options

generate(*newvar*) creates new variable *newvar* containing 0 if the observation originally appeared in the dataset and 1 if the observation is a duplication.

noupdate in some cases suppresses the automatic mi update this command might perform; see [MI] **noupdate option**.

Remarks and examples

mi expand amounts to performing expand on $m = 0$, then duplicating the result on $m = 1$, $m = 2$, ..., $m = M$, and then combining the result back into mi format. Thus if the requested expansion specified by *exp* is a function of an imputed, passive, varying, or super-varying variable, then it is the values of the variable in $m = 0$ that will be used to produce the result for $m = 1$, $m = 2$, ..., $m = M$, too.

Also see

[MI] **Intro** — Introduction to mi

[D] **expand** — Duplicate observations