

mi stsplit — Split and join time-span records for mi data

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Description

`mi stsplit` and `mi stjoin` are `stsplit` and `stjoin` for mi data; see [\[ST\] stsplit](#). Except for the addition of the `noupdate` option, the syntax is identical. Except for generalization across m , the results are identical.

Your mi data must be `stset` to use these commands. If your data are not already `stset`, use `mi stset` rather than the standard `stset`; see [\[MI\] mi XXXset](#).

Menu

Statistics > Multiple imputation

Syntax

To split at designated times

```
mi stsplit newvar [if], { at(numlist) | every(#) } [options]
```

| <i>options</i> | Description |
|--------------------------------|-------------------------------------------------------------------------|
| Main | |
| * <u>at</u> (<i>numlist</i>) | split at specified analysis times |
| * <u>every</u> (#) | split when analysis time is a multiple of # |
| <u>after</u> (<i>spec</i>) | use time since <i>spec</i> instead of analysis time for at() or every() |
| <u>trim</u> | exclude observations outside of range |
| <u>noupdate</u> | see [MI] noupdate option |
| <u>nopreserve</u> | programmer's option |

* at() or every() is required.

nopreserve is not included in the dialog box.

To split at failure times

```
mi stsplit [if], at(ffailures) [options]
```

| <i>options</i> | Description |
|----------------------------------|--------------------------------------------------------------------------------|
| Main | |
| * <u>at</u> (failures) | split at times of observed failures |
| <u>strata</u> (<i>varlist</i>) | perform splitting by failures within stratum, strata defined by <i>varlist</i> |
| <u>riskset</u> (<i>newvar</i>) | create risk-set ID variable |
| <u>noupdate</u> | see [MI] noupdate option |
| <u>nopreserve</u> | programmer's option |

* at() is required.

nopreserve is not included in the dialog box.

To join episodes

```
mi stjoin [, options]
```

| <i>options</i> | Description |
|------------------------------------|------------------------------------------|
| Main | |
| <u>censored</u> (<i>numlist</i>) | values of failure that indicate no event |
| <u>noupdate</u> | see [MI] noupdate option |

Options

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

See [\[ST\] stsplit](#) for documentation on the remaining options.

Remarks and examples

[stata.com](http://www.stata.com)

You should never use `stsplit`, `stjoin`, or any other heavyweight data management command with mi data. Instead, you should use their mi counterparts, such as `mi stsplit`. Heavyweight commands are commands that make sweeping changes to the data rather than simply deleting some observations, adding or dropping some variables, or changing some values of existing variables. `stsplit` and `stjoin` are examples of heavyweight commands (see [\[ST\] stsplit](#)).

Also see

[\[MI\] Intro](#) — Introduction to mi

[\[ST\] stsplit](#) — Split and join time-span records

[\[MI\] mi XXXset](#) — Declare mi data to be svy, st, ts, xt, etc.