

**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] <b>noupdate option</b>   |
| <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] <b>noupdate option</b>  |
| <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] <b>noupdate option</b>          |

## 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](https://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.

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