

mi export ice — Export mi data to ice format

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Description

`mi export ice` converts the `mi` data in memory to `ice` format. See [Royston \(2004, 2005a, 2005b, 2007, 2009\)](#) for a description of `ice`.

Menu

Statistics > Multiple imputation

Syntax

```
mi export ice [ , clear ]
```

Option

`clear` specifies that it is okay to replace the data in memory even if they have changed since they were last saved to disk.

Remarks and examples

stata.com

`mi export ice` is the inverse of `mi import ice` (see [\[MI\] mi import ice](#)). Below we use `mi export ice` to convert `miprototo.dta` to `ice` format. `miprototo.dta` happens to be in wide form, but that is irrelevant.

```
. use https://www.stata-press.com/data/r17/miprototo
(mi prototype)
. mi describe
Style: wide
      last mi update 22dec2020 10:41:23, 51 days ago
Observations:
  Complete           1
  Incomplete         1  (M = 2 imputations)
  -----
  Total              2
Variables:
  Imputed: 1; b(1)
  Passive: 1; c(1)
  Regular: 1; a
  System: 1; _mi_miss
  (there are no unregistered variables)
```

```
. list
```

	a	b	c	_1_b	_2_b	_1_c	_2_c	_mi_miss
1.	1	2	3	2	2	3	3	0
2.	4	.	.	4.5	5.5	8.5	9.5	1

```
. mi export ice
```

```
. list, separator(2)
```

	a	b	c	_mj	_mi
1.	1	2	3	0	1
2.	4	.	.	0	2
3.	1	2	3	1	1
4.	4	4.5	8.5	1	2
5.	1	2	3	2	1
6.	4	5.5	9.5	2	2

References

- Royston, P. 2004. [Multiple imputation of missing values](#). *Stata Journal* 4: 227–241.
- . 2005a. [Multiple imputation of missing values: Update](#). *Stata Journal* 5: 188–201.
- . 2005b. [Multiple imputation of missing values: Update of ice](#). *Stata Journal* 5: 527–536.
- . 2007. [Multiple imputation of missing values: Further update of ice, with an emphasis on interval censoring](#). *Stata Journal* 7: 445–464.
- . 2009. [Multiple imputation of missing values: Further update of ice, with an emphasis on categorical variables](#). *Stata Journal* 9: 466–477.

Also see

- [MI] [Intro](#) — Introduction to mi
- [MI] [mi export](#) — Export mi data
- [MI] [mi import ice](#) — Import ice-format data into mi