Title

> **mi export ice —** Export mi data to ice format

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

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

```
. use https://www.stata-press.com/data/r18/miproto
(mi prototype)
. mi describe
Style: wide
        last mi update 31jan2023 09:23:53, 20 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