mi export nhanes1 — Export mi data to NHANES format

Description Menu Syntax Options
Remarks and examples Also see

Description

`mi export nhanes1` writes the `mi` data in memory to disk files in nhanes1 format. The files will be named *filenamestub*`.dta`, *filenamestub*`1.dta`, *filenamestub*`2.dta`, and so on. In addition to the variables in the original `mi` data, new variable `seqn` will be added to record the sequence number. After using `mi export nhanes1`, you can use `outfile` (see [D] **outfile**) or `export delimited` (see [D] **import delimited**) to convert the resulting `.dta` files into a format suitable for sending to a non-Stata user. Also see **[U] 22 Entering and importing data**.

`mi export nhanes1` leaves the data in memory unchanged.

Menu

Statistics > Multiple imputation

Syntax

`mi export nhanes1` *filenamestub* [, *options odd_options*]

options	Description
`replace`	okay to replace existing files
`uppercase`	uppercase prefix and suffix
`passiveok`	include passive variables

odd_options	Description
`nacode(#)`	not applicable code; default is `0`
`obscode(#)`	observed code; default is `1`
`impcode(#)`	imputed code; default is `2`
`impprefix("`*string*`" "`*string*`")`	variable prefix; default is `"" ""`
`impsuffix("`*string*`" "`*string*`")`	variable suffix; default is `"if" "mi"`

Note: *odd_options* are not specified unless you want to create results that are nhanes1-like but not really nhanes1 format.

Options

`replace` indicates that it is okay to overwrite existing files.

`uppercase` specifies that the new sequence variable `SEQN` and the variable suffixes `IF` and `MI` be in uppercase. The default is lowercase. (More correctly, when generalizing beyond nhanes1 format, the `uppercase` option specifies that `SEQN` be created in uppercase along with all prefixes and suffixes.)

`passiveok` specifies that passive variables are to be written as if they were imputed variables. The default is to issue an error if passive variables exist in the original data.

`nacode(#)`, `obscode(#)`, and `impcode(#)` are optional and are never specified when reading true nhanes1 data. The default `nacode(0) obscode(1) impcode(2)` corresponds to the nhanes1 definition. These options allow changing the codes for not applicable, observed, and imputed.

`impprefix("`*string*`" "`*string*`")` and `impsuffix("`*string*`" "`*string*`")` are optional and are never specified when reading true nhanes1 data. The default `impprefix("" "") impsuffix("if" "mi")` corresponds to the nhanes1 definition. These options allow setting different prefixes and suffixes.

Remarks and examples

`mi export nhanes1` is the inverse of `mi import nhanes1`; see [MI] **mi import nhanes1** for a description of the nhanes1 format.

Below we use `mi export nhanes1` to convert `miproto.dta` to nhanes1 format. `miproto.dta` happens to be in wide form, but that is irrelevant.

```
. use https://www.stata-press.com/data/r19/miproto
(mi prototype)
. mi describe
Style: wide
       last mi update 04feb2025 12:58:57, 10 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 nhanes1 mynh, passiveok replace
files mynh.dta mynh1.dta mynh2.dta created
```

```
. use mynh
(mi prototype)
. list
```

	seqn	a	bif	cif
1.	1	1	1	1
2.	2	4	2	2

```
. use mynh1
(mi prototype)
. list
```

	seqn	a	bmi	cmi
1.	1	1	2	3
2.	2	4	4.5	8.5

```
. use mynh2
(mi prototype)
. list
```

	seqn	a	bmi	cmi
1.	1	1	2	3
2.	2	4	5.5	9.5

Also see

[MI] **Intro** — Introduction to mi

[MI] **mi export** — Export mi data

[MI] **mi import nhanes1** — Import NHANES-format data into mi

Stata, Stata Press, Mata, NetCourse, and NetCourseNow are registered trademarks of StataCorp LLC. Stata and Stata Press are registered trademarks with the World Intellectual Property Organization of the United Nations. StataNow is a trademark of StataCorp LLC. Other brand and product names are registered trademarks or trademarks of their respective companies. Copyright © 1985–2025 StataCorp LLC, College Station, TX, USA. All rights reserved.

For suggested citations, see the FAQ on citing Stata documentation.