

irf rename — Rename an IRF result in an IRF file

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Description

`irf rename` changes the name of a set of IRF results saved in the active IRF file.

Quick start

Rename impulse–response function `oldirf` in the current file to `newirf`

```
irf rename oldirf newirf
```

Same as above, but for IRF file `myirfs.irf`

```
irf rename oldirf newirf, set(myirfs)
```

Note: `irf` commands can be used after `var`, `svar`, `ivsvar`, `vec`, `arma`, `arfima`, `lpirf`, `dsge`, or `dsgenl`; see [\[TS\] var](#), [\[TS\] var svar](#), [\[TS\] var ivsvar](#), [\[TS\] vec](#), [\[TS\] arma](#), [\[TS\] arfima](#), [\[TS\] lpirf](#), [\[DSGE\] dsge](#), or [\[DSGE\] dsgenl](#).

Menu

Statistics > Postestimation

Syntax

```
irf rename oldname newname [ , set(filename) ]
```

`collect` is allowed; see [\[U\] 11.1.10 Prefix commands](#).

Option

`set(filename)` specifies the file to be made active; see [\[TS\] irf set](#). If `set()` is not specified, the active file is used.

Remarks and examples

[stata.com](#)

If you have not read [\[TS\] irf](#), please do so.

▷ Example 1

```
. use https://www.stata-press.com/data/r18/lutkepohl2
(Quarterly SA West German macro data, Bil DM, from Lutkepohl 1993 Table E.1)
. var dln_inv dln_inc dln_consump if qtr<=tq(1978q4), lags(1/2) dfk
(output omitted)
```

We create three sets of IRF results:

```
. irf create original, set(myirfs, replace)
(file myirfs.irf created)
(file myirfs.irf now active)
(file myirfs.irf updated)
. irf create order2, order(dln_inc dln_inv dln_consump)
(file myirfs.irf updated)
. irf create order3, order(dln_inc dln_consump dln_inv)
(file myirfs.irf updated)
. irf describe
Contains irf results from myirfs.irf (dated 24 Mar 2023 22:39)
```

irfname	model	endogenous variables and order (*)
original	var	dln_inv dln_inc dln_consump
order2	var	dln_inc dln_inv dln_consump
order3	var	dln_inc dln_consump dln_inv

(*) order is relevant only when model is var

Now let's rename IRF result original to order1.

```
. irf rename original order1
(81 real changes made)
original renamed to order1
. irf describe
Contains irf results from myirfs.irf (dated 24 Mar 2023 22:39)
```

irfname	model	endogenous variables and order (*)
order1	var	dln_inv dln_inc dln_consump
order2	var	dln_inc dln_inv dln_consump
order3	var	dln_inc dln_consump dln_inv

(*) order is relevant only when model is var

original has been renamed to order1.



Stored results

irf rename stores the following in r():

```
Macros
  r(irfnames)   irfnames after rename
  r(oldnew)     oldname newname
```

Also see

[TS] [irf](#) — Create and analyze IRFs, dynamic-multiplier functions, and FEVDs

[TS] [var intro](#) — Introduction to vector autoregressive models

[TS] [vec intro](#) — Introduction to vector error-correction models

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