

irf add — Add results from an IRF file to the active IRF file

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## Description

`irf add` copies results from an existing IRF file on disk to the active IRF file, set by `irf set`; see [\[TS\] irf set](#).

## Quick start

Copy the IRF results `myirf1` from `myirfs.irf` to `newirf` in the active IRF file

```
irf add newirf = myirf1, using(myirfs)
```

Same as above, but copy all IRF results from `myirfs.irf` to the active file

```
irf add _all, using(myirfs)
```

Note: `irf` commands can be used after `var`, `svar`, `vec`, `arma`, `arfima`, `dsge`, or `dsge1`; see [\[TS\] var](#), [\[TS\] var svar](#), [\[TS\] vec](#), [\[TS\] arma](#), [\[TS\] arfima](#), [\[DSGE\] dsge](#), or [\[DSGE\] dsge1](#).

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## Syntax

```
irf add { _all | [newname=]oldname ... }, using(irf_filename)
```

## Option

`using(irf_filename)` specifies the file from which results are to be obtained and is required. If `irf_filename` is specified without an extension, `.irf` is assumed.

## Remarks and examples

[stata.com](https://www.stata.com)

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

### ► Example 1

After fitting a VAR model, we create two separate IRF files:

```
. 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)
. irf create original, set(irf1, replace)
(file irf1.irf created)
(file irf1.irf now active)
(file irf1.irf updated)
. irf create order2, order(dln_inc dln_inv dln_consump) set(irf2, replace)
(file irf2.irf created)
(file irf2.irf now active)
(file irf2.irf updated)
```

We copy IRF results `original` to the active file giving them the name `order1`.

```
. irf add order1 = original, using(irf1)
(file irf2.irf updated)
```

Here we create new IRF results and save them in the new file `irf3`.

```
. irf create order3, order(dln_inc dln_consump dln_inv) set(irf3, replace)
(file irf3.irf created)
(file irf3.irf now active)
(file irf3.irf updated)
```

Now we copy all the IRF results in file `irf2` into the active file.

```
. irf add _all, using(irf2)
(file irf3.irf updated)
```

◀

## 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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