

irf set — Set the active IRF file

Syntax	Menu	Description	Options
Remarks and examples	Stored results	Also see	

Syntax

Report identity of active file

```
irf set
```

Set, and if necessary create, active file

```
irf set irf_filename
```

Create, and if necessary replace, active file

```
irf set irf_filename, replace
```

Clear any active IRF file

```
irf set, clear
```

Menu

Statistics > Multivariate time series > Manage IRF results and files > Set active IRF file

Description

In the first syntax, `irf set` reports the identity of the active file, if there is one. Also see [\[TS\] irf describe](#) for obtaining reports on the contents of an IRF file.

In the second syntax, `irf set irf_filename` specifies that the file be set as the active file and, if the file does not exist, that it be created as well.

In the third syntax, `irf set irf_filename, replace` specifies that even if file *irf_filename* exists, a new, empty file is to be created and set.

In the rarely used fourth syntax, `irf set, clear` specifies that, if any IRF file is set, it be unset and that there be no active IRF file.

IRF files are just files: they can be erased by `erase`, listed by `dir`, and copied by `copy`; see [\[D\] erase](#), [\[D\] dir](#), and [\[D\] copy](#).

If *irf_filename* is specified without an extension, `.irf` is assumed.

Options

`replace` specifies that if *irf_filename* already exists, the file is to be erased and a new, empty IRF file is to be created in its place. If it does not already exist, a new, empty file is created.

`clear` unsets the active IRF file.

Remarks and examples

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

If you have not read [TS] **irf**, please do so.

`irf set` reports the identity of the active IRF file:

```
. irf set
no irf file active
```

`irf set irf_filename` creates and sets an IRF file:

```
. irf set results1
(file results1.irf now active)
```

We specified the name `results1`, and `results1.irf` became the active file. The suffix `.irf` was added for us.

`irf set irf_filename` can also be used to create a new file:

```
. use http://www.stata-press.com/data/r13/lutkepohl2
(Quarterly SA West German macro data, Bil DM, from Lutkepohl 1993 Table E.1)
. var dln_inc dln_consump, exog(1.dln_inv)
(output omitted)
. irf set results2
(file results2.irf created)
(file results2.irf now active)
. irf create order1
(file results2.irf updated)
```

Stored results

`irf set` stores the following in `r()`:

```
Macros
    r(Orville)      name of active IRF file, if there is an active IRF
```

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