forecast create — Create a new forecast model

Description

forecast create creates a new forecast model in Stata.

Quick start

Start a forecast model called myforecast

    forecast create myforecast

As above, but clear the existing model myforecast from memory if it exists

    forecast create myforecast, replace

Syntax

    forecast create [name] [ , replace ]

name is an optional name that can be given to the model. name must follow the naming conventions described in [U] 11.3 Naming conventions.

Option

replace causes Stata to clear the existing model from memory before creating name. You may have only one model in memory at a time. By default, forecast create issues an error message if another model is already in memory.

Remarks and examples

For an overview of the forecast commands, see [TS] forecast. This manual entry assumes you have already read that manual entry. The forecast create command creates a new forecast model in Stata. You must create a model before you can add equations or solve it. You can have only one model in memory at a time.

You may optionally specify a name for your model. That name will appear in the output produced by the various forecast subcommands.
Example 1

Here we create a model named salesfcast:

```
. forecast create salesfcast
Forecast model salesfcast started.
```

Technical note

Warning: Do not type `clear all`, `clear mata`, or `clear results` after creating a forecast model with `forecast create` unless you intend to remove your forecast model. Typing `clear all` or `clear mata` eliminates the internal structures used to store your forecast model. Typing `clear results` clears all estimation results from memory. If your forecast model includes estimation results that rely on the ability to call `predict`, you will not be able to solve your model.

Also see

- `[TS] forecast` — Econometric model forecasting
- `[TS] forecast clear` — Clear current model from memory