

**forecast create** — Create a new forecast model

[Description](#)

[Remarks and examples](#)

[Quick start](#)

[Also see](#)

[Menu](#)

[Syntax](#)

[Option](#)

## Description

`forecast create` creates a new forecast model in Stata.

## Quick start

Start a forecast model called `myforecast`

```
forecast create myforecast
```

Same as above, but clear the existing model `myforecast` from memory if it exists

```
forecast create myforecast, replace
```

## Menu

Statistics > Time series > Forecasting

## 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

[stata.com](#)

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 `salesfcst`:

```
. forecast create salesfcst
Forecast model salesfcst 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

Stata, Stata Press, and Mata are registered trademarks of StataCorp LLC. Stata and Stata Press are registered trademarks with the World Intellectual Property Organization of the United Nations. StataNow and NetCourseNow are trademarks of StataCorp LLC. Other brand and product names are registered trademarks or trademarks of their respective companies. Copyright © 1985–2023 StataCorp LLC, College Station, TX, USA. All rights reserved.



For suggested citations, see the FAQ on [citing Stata documentation](#).