**mata clear — Clear Mata’s memory**

**Description**

mata clear clears Mata’s memory, in effect resetting Mata. All functions, matrices, etc., are freed.

**Syntax**

```
mata clear
```

This command is for use in Mata mode following Mata’s colon prompt. To use this command from Stata’s dot prompt, type

```
.mata: mata clear
```

**Remarks and examples**

Stata can call Mata which can call Stata, which can call Mata, etc. In such cases, mata clear releases only resources that are not in use by prior invocations of Mata.

Stata’s clear all command (see [D] clear) performs a mata clear, among other things.

See [M-3] mata drop for clearing individual matrices or functions.

**Also see**

[M-3] mata drop — Drop matrix or function

[M-3] Intro — Commands for controlling Mata