Title

> ***gridstyle*** — Choices for overall look of grid lines

Description   Syntax   Remarks and examples   Also see

Description

Grids are lines that extend from an axis across the plot region. *gridstyle* specifies the overall look of grids. See [G-3] ***axis_label_options***.

Syntax

gridstyle	Description
default	determined by scheme
major	determined by scheme; default or bolder
minor	determined by scheme; default or fainter
dot	dotted line

Other *gridstyles* may be available; type

```
. graph query gridstyle
```

to obtain the complete list of *gridstyles* installed on your computer.

Remarks and examples

Remarks are presented under the following headings:

> What is a grid?
> What is a gridstyle?
> You do not need to specify a gridstyle
> Turning off and on the grid

What is a grid?

Grids are lines that extend from an axis across the plot region.

What is a gridstyle?

Grids are defined by

1. whether the grid lines extend into the plot region's margin;

2. whether the grid lines close to the axes are to be drawn;

3. the line style of the grid, which includes the line's thickness, color, and whether they are solid, dashed, etc.; see [G-4] ***linestyle***.

The *gridstyle* specifies all three of these attributes.

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You do not need to specify a gridstyle

The *gridstyle* is specified in the options named

$\left\{\,\texttt{y}\,|\,\texttt{x}\,\right\}\,\left\{\,\texttt{label}\,|\,\texttt{tick}\,|\,\texttt{mlabel}\,|\,\texttt{mtick}\,\right\}$ (... gstyle(*gridstyle*) ...)

Correspondingly, other $\left\{\,\texttt{y}\,|\,\texttt{x}\,\right\}\left\{\,\texttt{label}\,|\,\texttt{tick}\,|\,\texttt{mlabel}\,|\,\texttt{mtick}\,\right\}$() suboptions allow you to specify the individual attributes; see [G-3] *axis_label_options*.

You specify the *gridstyle* when a style exists that is exactly what you desire or when another style would allow you to specify fewer changes to obtain what you want.

Turning off and on the grid

Whether grid lines are included by default is a function of the scheme; see [G-4] **Schemes intro**. Regardless of the default, whether grid lines are included is controlled not by the *gridstyle* but by the $\left\{\,\texttt{y}\,|\,\texttt{x}\,\right\}\left\{\,\texttt{label}\,|\,\texttt{tick}\,|\,\texttt{mlabel}\,|\,\texttt{mtick}\,\right\}$() suboptions grid and nogrid.

Grid lines are nearly always associated with the ylabel() and/or xlabel() options. Specify $\left\{\,\texttt{y}\,|\,\texttt{x}\,\right\}$label(,grid) or $\left\{\,\texttt{y}\,|\,\texttt{x}\,\right\}$label(,nogrid). See [G-3] *axis_label_options*.

Also see

[G-3] *axis_label_options* — Options for specifying axis labels