Title

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line_options — Options for determining the look of lines

Syntax Description Options Remarks and examples Also see

Syntax

line_options	Description
`lpattern(`*linepatternstyle*`)`	whether line solid, dashed, etc.
`lwidth(`*linewidthstyle*`)`	thickness of line
`lcolor(`*colorstyle*`)`	color of line
`lstyle(`*linestyle*`)`	overall style of line
`pstyle(`*pstyle*`)`	overall plot style, including linestyle

See [G-4] ***linepatternstyle***, [G-4] ***linewidthstyle***, [G-4] ***colorstyle***, [G-4] ***linestyle***, and [G-4] ***pstyle***.

All options are *rightmost*; see [G-4] **concept: repeated options**.

Description

The *line_options* determine the look of a line in some contexts.

Options

`lpattern(`*linepatternstyle*`)` specifies whether the line is solid, dashed, etc. See [G-4] ***linepatternstyle*** for a list of available patterns. `lpattern()` is not allowed with `graph pie`; see [G-2] **graph pie**.

`lwidth(`*linewidthstyle*`)` specifies the thickness of the line. See [G-4] ***linewidthstyle*** for a list of available thicknesses.

`lcolor(`*colorstyle*`)` specifies the color of the line. See [G-4] ***colorstyle*** for a list of available colors.

`lstyle(`*linestyle*`)` specifies the overall style of the line: its pattern, thickness, and color.

You need not specify `lstyle()` just because there is something you want to change about the look of the line. The other *line_options* will allow you to make changes. You specify `lstyle()` when another style exists that is exactly what you desire or when another style would allow you to specify fewer changes.

See [G-4] ***linestyle*** for a list of available line styles.

`pstyle(`*pstyle*`)` specifies the overall style of the plot, including not only the *linestyle*, but also all other settings for the look of the plot. Only the *linestyle* affects the look of lines. See [G-4] ***pstyle*** for a list of available plot styles.

Remarks and examples

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Lines occur in many contexts and, in some of those contexts, the above options are used to determine the look of the line. For instance, the `lcolor()` option in

```
. graph line y x, lcolor(red)
```

causes the line through the (`y`, `x`) point to be drawn in red.

The same option in the following

```
. graph line y x, title("My line", box lcolor(red))
```

causes the outline drawn around the title's box to be drawn in red. In the second command, the option `lcolor(red)` was a suboption to the `title()` option.

Also see

[G-4] **concept: lines** — Using lines

[G-2] **graph dot** — Dot charts (summary statistics)