

*fcline\_options* — Options for determining the look of fitted connecting lines

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## Description

The *fcline\_options* determine the look of a fitted connecting line in most contexts.

## Syntax

<i>fcline_options</i>	Description
<code>clpattern(<i>linepatternstyle</i>)</code>	whether line solid, dashed, etc.
<code>clwidth(<i>linewidthstyle</i>)</code>	thickness of line
<code>clcolor(<i>colorstyle</i>)</code>	color and opacity of line
<code>clstyle(<i>linestyle</i>)</code>	overall style of line
<code>pstyle(<i>pstyle</i>)</code>	overall plot style, including linestyle

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

## Options

`clpattern(linepatternstyle)` specifies whether the line is solid, dashed, etc. See [G-4] *linepatternstyle* for a list of available patterns.

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

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

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

You need not specify `clstyle()` just because there is something you want to change about the look of the line. The other *fcline\_options* will allow you to make changes. You specify `clstyle()` 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 almost all of those contexts, the above options are used to determine the look of the fitted connecting line. For instance, the `clcolor()` option in

```
. twoway lfitci y x, clcolor(red)
```

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

The same option in

```
. twoway lfitci y x, title("My line", box clcolor(red))
```

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

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