# Title

> *linepatternstyle* — Choices for whether lines are solid, dashed, etc.

<p align="center">Description    Syntax    Remarks and examples    Also see</p>

## Description

A line's look is determined by its pattern, thickness, alignment, and color; see [G-4] **Concept: lines**. *linepatternstyle* specifies the pattern.

*linepatternstyle* is specified via options named

⟨*object*⟩⟨l or li or line⟩pattern()

or, just

⟨l or li or line⟩pattern()

For instance, for connecting lines (the lines used to connect points in a plot) used by graph twoway function, the option is named lpattern():

    . twoway function ..., lpattern(*linepatternstyle*) ...

Sometimes you will see that a *linepatternstylelist* is allowed:

    . twoway line ..., lpattern(*linepatternstylelist*) ...

A *linepatternstylelist* is a sequence of *linepatterns* separated by spaces. Shorthands are allowed to make specifying the list easier; see [G-4] *stylelists*.

## Syntax

| *linepatternstyle* | Description |
|---|---|
| solid | solid line |
| dash | dashed line |
| dot | dotted line |
| dash_dot | |
| shortdash | |
| shortdash_dot | |
| longdash | |
| longdash_dot | |
| blank | invisible line |
| "*formula*" | e.g., "-." or "--.." etc. |

A *formula* is composed of any combination of

| | |
|---|---|
| l | solid line |
| _ | (underscore) a long dash |
| - | (hyphen) a medium dash |
| . | short dash (almost a dot) |
| # | small amount of blank space |

<div align="center">1</div>

For a palette displaying each of the above named line styles, type

  palette linepalette [ , <u>sch</u>eme(*schemename*) ]

Other *linepatternstyles* may be available; type

    . graph query linepatternstyle

to obtain the complete list of *linepatternstyles* installed on your computer.
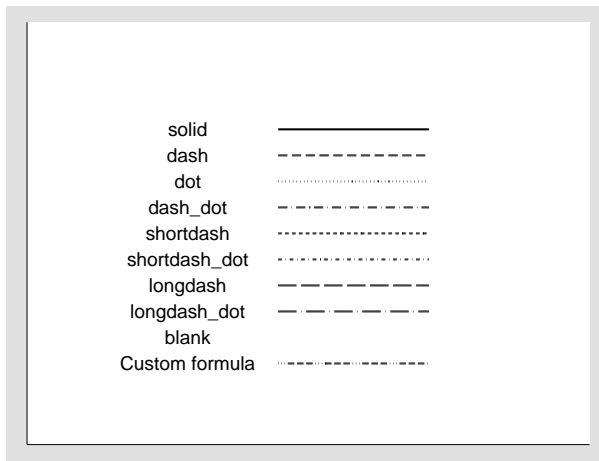
## Remarks and examples                                                            [stata.com](stata.com)

   Although you may choose a prerecorded pattern (for example, solid or dash), you can build any pattern you wish by specifying a line-pattern formula. For example,

| Formula | Description |
|---------|-------------|
| "l" | solid line, same as solid |
| "_" | a long dash |
| "_-" | a long dash followed by a short dash |
| "_--" | a long dash followed by two short dashes |
| "_--_#" | a long dash, two short dashes, a long dash, and a bit of space |
| etc. | |

   When you specify a formula, you must enclose it in double quotes.

   The graph below displays the different line choices:

# Also see

For suggested citations, see the FAQ on citing Stata documentation.