<div style="border:1px solid black; padding:10px">

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

</div>

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

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

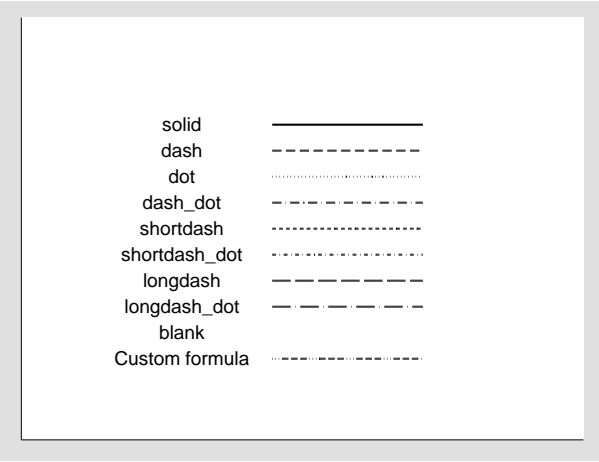to obtain the complete list of *linepatternstyles* installed on your computer.

Remarks and examples

    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