linewidthstyle — Choices for thickness of lines

Syntax

```
linewidthstyle        Description

none                  line has zero width; it vanishes
vvthin                thinnest
vthin                 thin
medthin               medium
medthick              thick
vthick                vthick
vvvthick              thickest
relativesize          any size you want
```


Other `linewidthstyles` may be available; type
  
  . graph query linewidthstyle

  to obtain the full list installed on your computer.

Description

A line’s look is determined by its pattern, thickness, and color; see [G-4] concept: lines. `linewidthstyle` specifies the line’s thickness.

`linewidthstyle` is specified via options named

```
⟨object⟩⟨l or li or line⟩width()
```

or, just

```
⟨l or li or line⟩width()
```

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

```
. twoway function ..., lwidth(linewidthstyle) ...
```

Sometimes you will see that a `linewidthstylelist` is allowed:

```
. twoway line ..., lwidth(linewidthstylelist) ...
```
A *linewidthstyle*list is a sequence of *linewidths* separated by spaces. Shorthands are allowed to make specifying the list easier; see [G-4] *stylelists*.

**Remarks and examples**

The graph below displays the different choices for the thickness of lines:

If you specify the line width as `none`, the line will vanish.

**Also see**

[G-4] *concept: lines* — Using lines

[G-4] *colorstyle* — Choices for color

[G-4] *connectstyle* — Choices for how points are connected

[G-4] *linepatternstyle* — Choices for whether lines are solid, dashed, etc.

[G-4] *linestyle* — Choices for overall look of lines