connectstyle — Choices for how points are connected

Description Syntax Remarks and examples Also see

Description

connectstyle specifies if and how points in a scatter are to be connected, for example, via straight lines or stairsteps.

connectstyle is specified inside the `connect()` option which is allowed, for instance, with `scatter`:

```
. scatter ..., connect(connectstylelist) ...
```

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

Syntax

connectstyle	Synonym	Description
`none`	`i`	do not connect
`direct`	`l`	connect with straight lines
`ascending`	`L`	`direct`, but only if $x_{j+1} \geq x_j$
`stairstep`	`J`	flat, then vertical
`stepstair`		vertical, then flat

Other *connectstyles* may be available; type

```
. graph query connectstyle
```

to obtain the full list installed on your computer.

Remarks and examples

Points are connected in the order of the data, so be sure that data are in the desired order (which is usually ascending value of x) before specifying the `connect(`*connectstyle*`)` option. Commands that provide `connect()` also provide a `sort` option, which will sort by the x variable for you.

`connect(l)` is the most common choice.

`connect(J)` is an appropriate way to connect the points of empirical cumulative distribution functions (CDFs).

Also see

[G-3] ***connect_options*** — Options for connecting points with lines