

connectstyle — Choices for how points are connected

Description

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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

<i>connectstyle</i>	Synonym	Description
none	i	do not connect
direct	l	connect with straight lines
ascending	L	direct , but only if $x_{j+1} > x_j$
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

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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(1)` 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