

*connectstyle* — Choices for how points are connected

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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
<code>none</code>	<code>i</code>	do not connect
<code>direct</code>	<code>l</code>	connect with straight lines
<code>ascending</code>	<code>L</code>	<code>direct</code> , but only if $x_{j+1} > x_j$
<code>stairstep</code>	<code>J</code>	flat, then vertical
<code>stepstair</code>		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(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