bystyle — Choices for look of by-graphs

Description Syntax Remarks and examples Also see

Description

bystyles specify the overall look of by-graphs.

Syntax

bystyle	Description
`default`	determined by scheme
`compact`	a more compact version of `default`
`stata7`	like that provided by Stata 7
`altleg`	place the legend at the 6 o'clock position and use two columns

Other *bystyles* may be available; type

```
. graph query bystyle
```

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

Remarks and examples

Remarks are presented under the following headings:

What is a by-graph?
What is a bystyle?

What is a by-graph?

A by-graph is one graph (image, really) containing an array of separate graphs, each of the same type, and each reflecting a different subset of the data. For instance, a by-graph might contain graphs of miles per gallon versus weight, one for domestic cars and the other for foreign.

By-graphs are produced when you specify the `by()` option; see [G-3] ***by_option***.

What is a bystyle?

A *bystyle* determines the overall look of the combined graphs, including

1. whether the individual graphs have their own axes and labels or if instead the axes and labels are shared across graphs arrayed in the same row and/or in the same column;
2. whether the scales of axes are in common or allowed to be different for each graph; and
3. how close the graphs are placed to each other.

There are options that let you control each of the above attributes—see [G-3] ***by_option***—but the *bystyle* specifies the starting point.

You need not specify a *bystyle* just because there is something you want to change. You specify a *bystyle* when another style exists that is exactly what you desire or when another style would allow you to specify fewer changes to obtain what you want.

Also see

[G-3] ***by_option*** — Option for repeating graph command

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