Description

textstyle specifies the overall look of single lines of text. *textstyle* is specified in options such as the marker-label option mltextstyle() (see [G-3] *marker_label_options*):

      . twoway scatter ..., mlabel(...) mltextstyle(*textstylelist*) ...

In the example above, a *textstylelist* is allowed. A *textstylelist* is a sequence of *textstyles* separated by spaces. Shorthands are allowed to make specifying the list easier; see [G-4] *stylelists*.

A *textstyle* is in fact a *textboxstyle*, but only a subset of the attributes of the textbox matter; see [G-4] *textboxstyle*.

Syntax

textstyle	Description
heading	large text suitable for headings; default used by title()
subheading	medium text suitable for subheadings; default used by subtitle()
body	medium-sized text; default used by caption()
small_body	small text; default used by note()
axis_title	default for axis titles
label	text suitable for labeling
key_label	default used to label keys in legends
small_label	default used to label points
tick_label	default used to label major ticks
minor_ticklabel	default used to label minor ticks

Other *textstyles* may be available; type

      . graph query textboxstyle   *(sic)*

to obtain the complete list of all *textstyles* installed on your computer. The *textstyle* list is the same as the *textboxstyle* list.

Remarks and examples

Remarks are presented under the following headings:

> *What is text?*
> *What is a textstyle?*
> *You do not need to specify a textstyle*
> *Relationship between textstyles and textboxstyles*

What is text?

Text is one line of text.

What is a textstyle?

How text appears is defined by these attributes:

1. Whether the text is vertical or horizontal; see [G-4] *orientationstyle*
2. The size of the text; see [G-4] *textsizestyle*
3. The color of the text; see [G-4] *colorstyle*
4. Whether the text is left-justified, centered, or right-justified; see [G-4] *justificationstyle*
5. How the text aligns with the baseline; see [G-4] *alignmentstyle*

You do not need to specify a textstyle

The *textstyle* is specified in options such as

mltextstyle(*textstyle*)

Correspondingly, you will find other options are available for setting each attribute above; see [G-3] *marker_label_options*.

You specify the *textstyle* when a style exists that is exactly what you desire or when another style would allow you to specify fewer changes to obtain what you want.

Relationship between textstyles and textboxstyles

textstyles are in fact a subset of the attributes of *textboxstyles*; see [G-4] *textboxstyle*. A textbox allows multiple lines, has an optional border around it, has a background color, and more. By comparison, text is just a line of text, and *textstyle* is the overall style of that single line.

Most textual graphical elements are textboxes, but there are a few simple graphical elements that are merely text, such as the marker labels mentioned above. The mltextstyle(*textstyle*) option really should be documented as mltextstyle(*textboxstyle*) because it is in fact a *textboxstyle* that mltextstyle() accepts. When mltextstyle() processes the *textboxstyle*, however, it looks only at the five attributes listed above and ignores the other attributes *textboxstyle* defines.

Also see

[G-3] *marker_label_options* — Options for specifying marker labels

[G-4] *text* — Text in graphs

[G-4] *textboxstyle* — Choices for the overall look of text including border