fitarea_options — Options for specifying the look of confidence interval areas

Description


Syntax

fitarea_options Description

acolor(colorstyle) outline and fill color and opacity
fcolor(colorstyle) fill color and opacity
fintensity(intensitystyle) fill intensity
alcolor(colorstyle) outline color and opacity
alwidth(linewidthstyle) thickness of outline
alpattern(linepatternstyle) outline pattern (solid, dashed, etc.)
alalign(linealignmentstyle) outline alignment (inside, outside, center)
alstyle(linestyle) overall look of outline
astyle(areastyle) overall look of area, all settings above
pstyle(pstyle) overall plot style, including areastyle

All options are merged-implicit; see [G-4] Concept: repeated options.

Options

acolor(colorstyle) specifies one color and opacity to be used both to outline the shape of the area and to fill its interior. See [G-4] colorstyle for a list of color choices.

fcolor(colorstyle) specifies the color and opacity to be used to fill the interior of the area. See [G-4] colorstyle for a list of color choices.

fintensity(intensitystyle) specifies the intensity of the color used to fill the interior of the area. See [G-4] intensitystyle for a list of intensity choices.

alcolor(colorstyle) specifies the color and opacity to be used to outline the area. See [G-4] colorstyle for a list of color choices.

alwidth(linewidthstyle) specifies the thickness of the line to be used to outline the area. See [G-4] linewidthstyle for a list of choices.

alpattern(linepatternstyle) specifies whether the line used to outline the area is solid, dashed, etc. See [G-4] linepatternstyle for a list of pattern choices.

alalign(linealignmentstyle) specifies whether the line used to outline the area is inside, outside, or centered. See [G-4] linealignmentstyle for a list of alignment choices.
alstyle(linestyle) specifies the overall style of the line used to outline the area, including its pattern (solid, dashed, etc.), thickness, color, and alignment. The four options listed above allow you to change the line’s attributes, but lstyle() is the starting point. See [G-4] linestyle for a list of choices.

astyle(areastyle) specifies the overall look of the area. The options listed above allow you to change each attribute, but astyle() provides a starting point.

You need not specify astyle() just because there is something you want to change. You specify astyle() 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.

See [G-4] areastyle for a list of available area styles.

pstyle(pstyle) specifies the overall style of the plot, including not only the areastyle but also all other settings for the look of the plot. Only the areastyle affects the look of areas. See [G-4] pstyle for a list of available plot styles.

Remarks and examples

fitarea_options are allowed as options with any graph twoway plottype that creates shaded confidence interval areas, for example, graph twoway lfitci, as in

  . graph twoway lfitci yvar xvar, acolor(blue)

The above would set the area enclosed by yvar and the x axis to be blue; see [G-2] graph twoway area and [G-2] graph twoway rarea.