

To change any of the following settings, type `plot_settings.FIELDNAME = YOURSETTINGS`; replacing **FIELDNAME** with the name of the field you would like to change and replacing **YOURSETTINGS** with your desired setting before calling a plotting function. Make sure to follow the class support.

Field Name	Description	Usage	Class Support
<b>Markers, Lines, and Fill Settings</b>			
<b>colors</b>	Colors in plot	Used to fill all of the colored fields	Cell with string or numeric indices
<b>Lines</b>			
<b>linecolor</b>	Color of line; DEFAULT: black	Standard deviation in bar plot, standard deviation in mean/stdev plot, median/mean in box plot	Cell with string or numeric indices
<b>linetype</b>	Type of line; DEFAULT: solid line	Standard deviation in bar plot, standard deviation in mean/stdev plot, median/mean in box plot	Cell with string indices
<b>linewidth</b>	Thickness of line; DEFAULT: 1	Standard deviation in bar plot, standard deviation in mean/stdev plot, median/mean in box plot	One number
<b>Markers</b>			
<b>marks</b>	Type of marker; DEFAULT: circle	Mean in mean/stdev plot, dots in dot plot	Cell with string indices
<b>markercoloredge</b>	Color of marker edge; DEFAULT: black	Mean in mean/stdev plot, dots in dot plot	Cell with string or numeric indices
<b>markercolorfill</b>	Color of marker fill; DEFAULT: black	Mean in mean/stdev plot, dots in dot plot	Cell with string or numeric indices
<b>markersize</b>	Size of marker; DEFAULT: 10	Mean in mean/stdev plot, dots in dot plot	Cell with numeric indices
<b>Fill</b>			
<b>colorfill</b>	Color fill of box; DEFAULT: black in box mean and bar, transparent in box median	Bar plot and box plots	Cell with string or numeric indices
<b>filltransparency</b>	Transparency of color fill box; DEFAULT: 0.3 for box, 1 for bar	Bar plot and box plots	One number
<b>bordercolor</b>	Color of border in bar plot; DEFAULT: black	Bar plot and box plots	Cell with string or numeric indices
<b>bodertype</b>	Type of border in bar plot; DEFAULT: solid in bar and box median, none in mean	Bar plot and box plots	Cell with string indices
<b>borderwidth</b>	Thickness of border in bar plot; DEFAULT: 1	Bar plot and box plots	One number
<b>Specific Plot Settings</b>			
<b>num_bins</b>	Number of bins to break data into	Dot plot	One Number

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Field Name	Description	Usage	Class Support
<b>sp</b>	Half width of standard deviation bars	Standard Deviation in mean/stddev plot and bar plot	One Number
<b>box_width</b>	Width of the boxes	Bar and Box Plot	One Number
<b>typeMean</b>	0: plot median and interquartile range, 1: plot mean and standard deviation	Box Plot	Logical
<b>Appearance Settings</b>			
<b>Fonts</b>			
<b>font_size</b>	Size of numbers in plot; Default 12	All plots	One Number
<b>titlesize</b>	Font size of title; Default 14	All plots	One Number
<b>xlabelsize</b>	Font size of x-axis label; Default 14	All plots	One Number
<b>ylabelsize</b>	Font size of y-axis label; Default 14	All plots	One Number
<b>xtickfontsize</b>	Font size of x ticks; Default 12	All plots	One Number
<b>ytickfontsize</b>	Font size of y ticks; Default 12	All plots	One Number
<b>Axis Labels / Title</b>			
<b>title</b>	Title	All plots	String
<b>xlabel</b>	X-axis label	All plots	String
<b>ylabel</b>	Y-axis label	All plots	String
<b>Axis Limits</b>			
<b>xmin</b>	Lower limit of x-axis	All plots	One Number
<b>xmax</b>	Upper limit of x-axis	All plots	One Number
<b>ymin</b>	Lower limit of y-axis	All plots	One Number
<b>ymax</b>	Upper limit of y-axis	All plots	One Number
<b>Ticks</b>			
<b>xtick</b>	Positions to place x ticks	All plots	Numerical Vector 1 x N
<b>xticklabel</b>	Labels of x ticks	All plots	Cell with strings
<b>ytick</b>	Positions to place y ticks	All plots	Numerical Vector 1 x N
<b>yticklabel</b>	Labels of y ticks	All plots	Cell with strings
<b>Returns - Logical description of settings</b>			

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Field Name	Description	Usage	Class Support
<b>isBox</b>	Logical determining if this is a box plot or not	All plots	Logical
<b>addTitle</b>	Logical to add title	All plots	Logical
<b>addXaxislabel</b>	Logical to add x-axis label	All plots	Logical
<b>addYaxislabel</b>	Logical to add y-axis label	All plots	Logical
<b>setXticks</b>	Logical statement to change location of x ticks	All plots	Logical
<b>setYticks</b>	Logical statement to change location of y ticks	All plots	Logical
<b>changeXtickfont</b>	Logical to change size of x-tick font	All plots	Logical
<b>changeYtickfont</b>	Logical to change size of y-tick font	All plots	Logical
<b>changeXticklabel</b>	Logical statement to change x tick labels	All plots	Logical
<b>changeYticklabel</b>	Logical statement to change y tick labels	All plots	Logical