GGally diagonal axis: changing font size

Classic   List   Threaded   3 messages   ⚙ Options ⌄

adigs   Threaded | More ⌄   ⚑

▶Sep 24, 2012; 11:56am   **GGally diagonal axis: changing font size**

15 posts

ggpairs() from GGally is fantastic, but I'm stuck trying to change the diagonal labels and increase the size of the font in the diagonal axis plots.

I thought using ggally_diagAxis(... labelSize) would work, but it doesn't appear to. I've tried the following three approaches, all of which don't work (GGally 0.4.1, ggplot 0.9.2.1).

Any suggestions on what I'm doing wrong would be gratefully received.

Thanks,

Andrew

To change font size and label text in diagonal axis of ggpairs plot:

1) Using labelSize and gridLabelSize from ggally_diagAxis in params():

ggpairs(iris, colour="Species", params=c(labelSize=14, gridLabelSize=14))   # no effect

In fact, I can't get labelSize/gridLabelSize in ggally_diagAxis to work at all - changing the '14' for something else doesn't do anything:

ggally_diagAxis(iris,aes(x=Sepal.Length),labelSize=14, gridLabelSize=14)
ggally_diagAxis(iris,aes(x=Sepal.Length),labelSize=18, gridLabelSize=18)   # no change

And how to change the axis text (eg. to 'Sepal \nLength') in ggally_diagAxis?

2) Using ggally_diagAxis or ggally_text:

giris <- ggpairs(iris, colour="Species")
g11<-ggally_diagAxis(iris,aes(x=Sepal.Length),labelSize=14, gridLabelSize=14)   # font size unchanged
g22<-ggally_text("Sepal\nLength", size=16)   # but how to get the axis labels?
giris<-putPlot(giris, g11, 1, 1)
giris<-putPlot(giris, g22, 2, 2)

3) Using theme (as suggested here: https://github.com/ggobi/ggally/issues/6)

theme_set(theme_grey(base_size=14))
ggpairs(iris, colour="Species", params=c(labelSize=14, gridLabelSize=14))   # font size unchanged

_____
[hidden email] mailing list
https://stat.ethz.ch/mailman/listinfo/r-help
PLEASE do read the posting guide http://www.R-project.org/posting-guide.html
and provide commented, minimal, self-contained, reproducible code.

sloria   Threaded | More ⌄   ⚑

Jan 11, 2013; 12:46am   **Re: GGally diagonal axis: changing font size**

This post has NOT been accepted by the mailing list yet.

1 post

I'm having this same problem, and can't find a solution anywhere. I would like to make the font size of the axis labels smaller, so that the labels don't overlap with each other. Adding a theme layer (+ theme_bw(base_size=5) doesn't seem to work.

tnat1031   Threaded | More ⌄   ⚑

Aug 29, 2013; 9:04pm   **Re: GGally diagonal axis: changing font size**
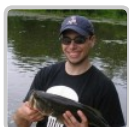
This post has NOT been accepted by the mailing list yet.

I think the issue might be that you need to specify your params as a list instead of a vector. Try this:

1 post

params=list(labelSize=14)

instead of:

params=c(labelSize=14)

Hope that helps.

« Return to R help | 1728 views

Free forum by Nabble