Subject: Re: multi scatter plots, layout issues
Posted by Phillip Bitzer on Wed, 15 Apr 2015 19:26:32 GMT

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On Wednesday, April 15, 2015 at 2:03:35 PM UTC-5, Matteo wrote:
>
> I know the CG routines are built to be device independent, so can anybody tell me what's the most straightforward way to obtain something as nice as the ?
> Should I give up CGLAYOUT and simply resort to P.MULTI? I would like the final result to look evenly distributed, say as in: http://www.idlcoyote.com/gallery/small_multiple_contour_plot .png or http://www.idlcoyote.com/gallery/histogram_plot.png.
>
> Thanks,
> matteo

I don't typically use cgWindow unless the plots are relatively simple. A small modification to your program gives what I think is what you're after.

Basically, I replace with cgWindow with cgPS_Open, comment out the /Add, and add a cgPS_Close at the end. I also prefer Encapsulated PS files, since the bounding box is included.

```
data_1 = cgDemoData(1)+ RandomU(seed, 101) * 10
data_2 = cgDemoData(1)+ RandomU(seed, 101) * 20 + 50

;cgWindow, WXSize=900, WYSize=1200
cgPS_Open, file='test.eps', xs=4.5, ys=6, /inches, /nomatch, /encap
positions = cgLayout([2,3], OXMargin=[0,0], OYMargin=[2,2], XGap=0, YGap=2, Aspect=1.0)

FOR j=0,5 DO BEGIN
  p=positions[*,j]
  cgScatter2D, data_1, data_2, position=p, XTitle='Study Time (minutes)', NoErase=j NE 0,
charsize=0.5, PSym=16, FThick=2;, /Add
ENDFOR

cgPS_Close

END
```