
Subject: Re: cgHistoplot over plot
Posted by [David Fanning](#) on Wed, 15 Aug 2012 13:57:51 GMT
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ece writes:

> I have a question about cgHistoplot.
>
> I have two different data, and I want to over plot the histograms. With this great
program,cgHistoplot, I have nice separate histograms but I couldn't figure out how to combine
them in a single histogram.
>
> I use :
> cgHistoplot, data1, BINSIZE=0.01,xrange=[0.0,0.36],MININPUT=0.0,backcolorname='w
hite',output='data1.eps',TITLE='data 1Distribution'
> cgHistoplot, data2, BINSIZE=0.01,xrange=[0.0,0.36], /FILL,POLYCOLOR='royal blue',
TITLE='Data2',MININPUT=0.0,output='data2.eps'
>
> I want to have data2 over plotted on data 1 with a different color, and save it as one eps file.
>
> Is this possible?

```
cgHistoplot, data1, BINSIZE=0.01,xrange=[0.0,0.36], $  
  MININPUT=0.0,backcolorname='white', $  
  TITLE='data 1Distribution', /Window  
cgHistoplot, data2, BINSIZE=0.01,xrange=[0.0,0.36], $  
  /FILL,POLYCOLOR='royal blue', TITLE='Data2',$  
  MININPUT=0.0, /OPLOT, /AddCmd  
cgControl, Output='myhistograms.eps'
```

Cheers,

David

--

David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>
Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: cgHistoplot over plot
Posted by [ece](#) on Wed, 15 Aug 2012 14:30:49 GMT
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Thanks!

Is it also possible to use xyouts to write " DATA 2" on top corner?

Subject: Re: cgHistoplot over plot
Posted by [David Fanning](#) on Wed, 15 Aug 2012 14:37:34 GMT
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ece writes:

> Is it also possible to use xyouts to write " DATA 2" on top corner?

It's possible, although I would use cgText. ;-)

```
cgText, 0.95, 0.95, Alignment=1.0, 'DATA 2', /Normal, /AddCmd
```

Cheers,

David

--

David Fanning, Ph.D.
Fanning Software Consulting, Inc.
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Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: cgHistoplot over plot
Posted by [ece](#) on Wed, 15 Aug 2012 15:04:54 GMT
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Thanks for your help!

Subject: Re: cgHistoplot over plot
Posted by [ann\[1\]](#) on Mon, 25 Apr 2016 13:08:50 GMT
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On Wednesday, 15 August 2012 16:37:34 UTC+2, David Fanning wrote:

> ece writes:

>

>> Is it also possible to use xyouts to write " DATA 2" on top corner?

>

> It's possible, although I would use cgText. ;-)

>

```
> cgText, 0.95, 0.95, Alignment=1.0, 'DATA 2', /Normal, /AddCmd
```

>

> Cheers,

>

> David

>

>
> --
> David Fanning, Ph.D.
> Fanning Software Consulting, Inc.
> Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>
> Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Hi David,

Is it possible to represent superscript in the title command without the ^ symbol? (like, cm²)

Thanks,
Anjali

Subject: Re: cgHistoplot over plot
Posted by [wlandsman](#) on Mon, 25 Apr 2016 18:04:19 GMT
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https://www.idlcoyote.com/cg_tips/embedsymbols.php

I think you are looking for \exp or \up. --Wayne

On Monday, April 25, 2016 at 9:08:55 AM UTC-4, anjal...@gmail.com wrote:

> Hi David,
>
> Is it possible to represent superscript in the title command without the ^ symbol? (like, cm²)
>
> Thanks,
> Anjali

Subject: Re: cgHistoplot over plot
Posted by [Phillip Bitzer](#) on Thu, 28 Apr 2016 14:22:10 GMT
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On Monday, April 25, 2016 at 1:04:22 PM UTC-5, wlandsman wrote:

> https://www.idlcoyote.com/cg_tips/embedsymbols.php
>
> I think you are looking for \exp or \up. --Wayne
>

Or use LaTeX:

cgplot, dist(10), xtitle='cm\$\tex^2\$'

https://www.idlcoyote.com/cg_tips/textoidl.php
