
Subject: fitting histogram distribution with double gaussian
Posted by [gunvicsin11](#) on Sat, 30 Nov 2013 05:34:24 GMT
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Hello everyone,

I have a histogram distribution of my data set.

Then I have fit the histogram distribution with gaussian using the cghistoplot.

But in my 12 data set 8 data set fits well with single gaussian, but other four seems to be like it has to be fit with a double gaussian. So please let me know how to fit the histogram distribution with a double gaussian.

Is there any routine to do this.

thanking you in advance

sid

Subject: Re: fitting histogram distribution with double gaussian
Posted by [Craig Markwardt](#) on Sat, 30 Nov 2013 23:38:46 GMT
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On Saturday, November 30, 2013 12:34:24 AM UTC-5, sid wrote:

> Hello everyone,

>

> I have a histogram distribution of my data set.

>

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>

> But in my 12 data set 8 data set fits well with single gaussian, but other four seems to be like it has to be fit with a double gaussian. So please let me know how to fit the histogram distribution with a double gaussian.

What are you using to fit a single gaussian?

The main problem with fitting multiple peaks is that you will need to spend more time setting the initial parameter values properly.

Craig

Subject: Re: fitting histogram distribution with double gaussian
Posted by [gunvicsin11](#) on Sun, 01 Dec 2013 06:08:39 GMT
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Respected sir,

I am using gaussfit for fitting single gaussian

thanking you

sid

On Sunday, December 1, 2013 5:08:46 AM UTC+5:30, Craig Markwardt wrote:

> On Saturday, November 30, 2013 12:34:24 AM UTC-5, sid wrote:

>

>> Hello everyone,

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> The main problem with fitting multiple peaks is that you will need to spend more time setting the initial parameter values properly.

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>

>

> Craig

Subject: Re: fitting histogram distribution with double gaussian

Posted by [lesliemoy](#) on Sat, 30 Jan 2016 18:00:32 GMT

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Were you able to find code to fit a double Gaussian? I need such code too.

Thanks, Leslie

Subject: Re: fitting histogram distribution with double gaussian

Posted by [lesliemoy](#) on Tue, 02 Feb 2016 09:11:59 GMT

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Were you able to find code to fit a double Gaussian? I need such code too.

Thanks, Leslie
