Subject: variable value
Posted by Chrisss on Tue, 31 Dec 2013 17:17:08 GMT
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Hi guys,
please help me.
When I range a number in gaussian distributions I use: Fo=abs(f+10*(randomn(seed,60))).
But now I would to range Fo value between 0.5 and 1, but not as gaussian distribution. How can I do?
Cheers, Christina
ps. Happy New Year!!!!

Subject: Re: variable value
Posted by David Fanning on Tue, 31 Dec 2013 17:24:16 GMT
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Khris writes:

>
> Hi guys,
> please help me.
> When I range a number in gaussian distributions I use: Fo=abs(f+10*(randomn(seed,60))).
> But now I would to range Fo value between 0.5 and 1, but not as gaussian distribution. How can I do?

f0 = cgScaleVector(RandomU(seed, 60), 0.5, 1.0)

Cheers,

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

Subject: Re: variable value
Posted by David Fanning on Tue, 31 Dec 2013 17:43:34 GMT
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David Fanning writes:

>> When I range a number in gaussian distributions I use: Fo=abs(f+10*(randomn(seed,60))).
>> But now I would to range Fo value between 0.5 and 1, but not as gaussian distribution. How can I do?

>
> f0 = cgScaleVector(RandomU(seed, 60), 0.5, 1.0)

Or, maybe this, depending on what you are looking for:

  f0 = RandomU(seed, 60)* 0.5 + 0.5

Cheers,

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

Subject: Re: variable value
Posted by Chrisss on Tue, 31 Dec 2013 18:44:48 GMT
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Il giorno martedì 31 dicembre 2013 18:43:34 UTC+1, David Fanning ha scritto:
> David Fanning writes:
>
>
>
>>> When I range a number in gaussian distributions I use: Fo=abs(f+10*(randomn(seed,60))).
>
>>> But now I would to range Fo value between 0.5 and 1, but not as gaussian distribution. How can I do?
>
>>
>
>> f0 = cgScaleVector(RandomU(seed, 60), 0.5, 1.0)
>
>
>
> Or, maybe this, depending on what you are looking for:
>
>
>
>   f0 = RandomU(seed, 60)* 0.5 + 0.5
>
>
>
> Cheers,
>
>

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

Thank you, Mr Fanning!
I think the last solution is the best for my work. In this way I'm sure that f0 range between the min value 0.5 and the max 1 (not with a gaussian distribution), isn't it?
Cheers,
Christina

Subject: Re: variable value
Posted by David Fanning on Tue, 31 Dec 2013 18:51:36 GMT
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Khris writes:

> I think the last solution is the best for my work. In this way I'm sure that f0 range between the min value 0.5 and the max 1 (not with a gaussian distribution), isn't it?

Do you know how to use the Print or Plot command to test it?

Cheers,

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

Subject: Re: variable value
Posted by Chrisss on Thu, 02 Jan 2014 08:44:54 GMT
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Il giorno martedì 31 dicembre 2013 19:51:36 UTC+1, David Fanning ha scritto:
> Khris writes:

>
>
>
>> I think the last solution is the best for my work. In this way I'm sure that f0 range between the min value 0.5 and the max 1 (not with a gaussian distribution), isn't it?
>
>
>
> Do you know how to use the Print or Plot command to test it?
>
>
>
> Cheers,
>
>
>
> David
>
> --
>
> David Fanning, Ph.D.
>
> Fanning Software Consulting, Inc.
>
> Coyote's Guide to IDL Programming: http://www.idlcoyote.com/
>
> Sepore ma de ni thue. ("Perhaps thou speakest truth.")

I did it. It works
thank you so much
Cheers,
Christina
