
Subject: Re: isodensity contours
Posted by [Gray](#) on Thu, 24 Feb 2011 01:30:41 GMT
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On Feb 23, 1:39 pm, David Fanning <n...@idlcoyote.com> wrote:

> Gray writes:
>> I have a scatterplot with a bunch of points on it. I'd like to plot
>> isodensity contours to include 99%, 90%, 75%, and 50% of my points.
>> How do I set up my data to give to cgContour? Thanks!
>
> The simple answer is, you set up your data the way
> you **always** set up your data!
>
> Don't you really want to know, how do I choose
> some percentage of my points? And, that question
> we can't answer, because you haven't indicated
> what the criteria are going to be. I guess
> you will have to decide. Randomly, distance
> from the centroid, based on height above surface,
> etc. Lot's of possibilities here.
>
> 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.")

David -

When I actually try to plot the contour, it doesn't work. My x and y
inputs to cgContour are xb and yb:

```
IDL> print, minmax(xb), minmax(yb)
```

```
5.92672    20.6767
```

```
-9.38564    7.11436
```

Why does the contour plot out in space? <http://tinypic.com/r/2vii07l/7>
