Subject: 5th & 95th Percentiles
Posted by chloesharrocks on Wed, 13 Feb 2008 15:58:14 GMT

View Forum Message <> Reply to Message

Hello

I have an array of data which is not in order and need to find the 5th
& 95th percentile of this data. Is there an easy way to do this? I
will eventually need it to be extended to a for loop that works
through multiple arrays each of which have a different number of data
contained within them.

Thanks
Chloé

PS. I'm very inexperienced with IDL so the simpler the better!

Subject: Re: 5th & 95th Percentiles
Posted by atmospheric physics on Tue, 07 Apr 2015 13:54:52 GMT

View Forum Message <> Reply to Message

If 'a' is your data array, then you can compute the 5th and 95th percentile of the data array 'a' as
given below:

IDL> a = 0.01*FINDGEN(101)
IDL> print, cgPercentiles(a, Percentiles=[0.05,0.95])

Hope this helps,
Best wishes,
Madhavan