Subject: Re: How to ignore NaNs in the data array with function cgPercentile.pro or Percentile.pro?
Posted by David Fanning on Mon, 18 May 2015 13:28:26 GMT

Madhavan Bomidi writes:

> I have two data arrays one with some missing data and the other
without missing data as below:
>
> data = [Randomu(3L, 100) * 100, !Values.F_NAN, !Values.F_NaN]
>
> data1 = [Randomu(3L, 100) * 100]
>
> When I use the cgPercentiles, I don't want missing data to be included.
>
> Print, cgPercentiles(data, Percentiles=[0.25, 0.5, 0.75])
> 21.8058   52.4532   77.3341
>
> Print, cgPercentiles(data1, Percentiles=[0.25, 0.5, 0.75])
> 21.8058   51.3569   76.6930
>
> Does this make sense to ignore missing data from the data array while obtaining the
percentiles?

I don't see that you have a choice. You can't do math with cow pies (or
anything else that's not a number).

Cheers,

David
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Coyote's Guide to IDL Programming: http://www.idlcoyote.com/
Sepore ma de ni thue. ("Perhaps thou speakest truth.")