
Subject: How to ignore NaNs in the data array with function cgPercentile.pro or Percentile.pro?

Posted by [atmospheric physics](#) on Mon, 18 May 2015 13:18:50 GMT

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Hello,

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?

Thanks in advance,

Regards,

Madhavan
