
Subject: Re: geometric mean?

Posted by [Martin Schultz](#) on Fri, 08 Sep 2000 09:37:09 GMT

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Andrew wrote:

```
>
> I have no response so I assume the answer is to
> roll your own.
>
> I did:
>
> FUNCTION GEOMEAN, arr
>   RETURN, EXP(TOTAL(ALOG(arr))/N_ELEMENTS(arr))
> END
>
> - Andrew
>
> Sent via Deja.com http://www.deja.com/
> Before you buy.
```

Hi Andrew,

I couldn't find such a routine either so I decided to hack it together using the algorithm you suggest but including some error checking and more caution with range limits or negative values. You can find geomean.pro on my web pages:
http://www.mpimet.mpg.de/~schultz.martin/idl/html/libmartin_schultz.html

Cheers,
Martin

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[[ Dr. Martin Schultz  Max-Planck-Institut fuer Meteorologie  [[
[[      Bundesstr. 55, 20146 Hamburg      [[
[[      phone: +49 40 41173-308      [[
[[      fax: +49 40 41173-298      [[
[[ martin.schultz@dkrz.de      [[
[[      [[
```