
Subject: Re: Wavelet Coherency program
Posted by [news.qwest.net](#) on Thu, 31 May 2007 21:20:26 GMT
[View Forum Message](#) <> [Reply to Message](#)

"tracy.moffat" <tracy.moffat@talk21.com> wrote in message
news:1180628991.572883.192550@o5g2000hsb.googlegroups.com...
> Hi,
>
> I'm using the wavelet coherency idl program provided by Torrence and
> Compo and it takes forever to run. I'm using quite small timeseries
> (14400 data points which can take up to 30minutes)

Have you calculated the number of points in the result? You might
be running out of memory, and swapping to virtual memory.
Perhaps you could try breaking the data into 14 time series of ~1024
points each.

Cheers,
bob

Subject: Re: Wavelet Coherency program
Posted by [tmgriff0206](#) on Fri, 01 Jun 2007 10:13:13 GMT
[View Forum Message](#) <> [Reply to Message](#)

On 31 May, 22:20, "R.G. Stockwell" <n...@email.please> wrote:

> Have you calculated the number of points in the result? You might
> be running out of memory, and swapping to virtual memory.
> Perhaps you could try breaking the data into 14 time series of ~1024
> points each.
>
> Cheers,
> bob

Hi Bob,

Thanks for your reply, the number of points in the result is quite
large given it has the dimensions of number of points and scale (103
in this case) so that could be part of it. If I break the dataset
down into smaller chunks or reduce the time resolution so the runtime
is quicker then I loose information on the scales/periods that I'm
interested in so that's not really an option alas.

Thanks for your thoughts though,
T
