Subject: Re: sample/empirical variogram calculation
Posted by mccreigh on Thu, 20 Nov 2008 00:56:34 GMT
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Not surprisingly, i found some bugs. I also made some major
improvements so that it's doing an "upper triangular" thing, instead
of the full "matrix". (it's actually looping through said matrix, so
it's not really a matrix.) Should be substantially faster. I'm
currently verifying it against some collaborator's results, things
look good running on random subsamples.

anyway, if you would like an updated version, let me know. I hope to
soon have web space and provide a link here. I mostly wanted to reply
right now because i found bugs.

On Nov 9, 9:33am, james-a-roo <james.mccrei...@gmail.com> wrote:
> Yes and yes.
>
> A few weeks ago, I sat through a presentation on working with sparse
> matrices and large arrays in R to find out, at the end of the talk,
> that R is pass by value. I laughed.
>
> I wouldnt have written this code if I thought i would have been more
> efficient over the short term to try to link to the GSLIB fortran.
> However, this is something I would be interested in exploring at some
> later point. I'm going to be doing some such linking in the next 6
> months, will attempt this for some GSLIB routines.
>
> On Nov 6, 11:59 pm, matsu770...@gmail.com wrote:
>
>> Maybe Gslib library is a possible choise that can be linked to IDL to
>> perform some kind of geo-statistics calculation. However, it's fortran
>> code library so i have no idea how to do the link task. So complicated
>> to me. hope someone could do this to utilize the fortran code.
>
>