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Subject: sample/empirical variogram calculation  
Posted by [james-a-roo](#) on Wed, 29 Oct 2008 20:01:30 GMT  
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Hi all-

I've decided that I want to be able to compute the empirical variogram in IDL. More specifically i want to compute the semivariance in 2D and be able to specify arbitrary bins in distance and and (even number of) arbitrary bins in direction.

There was an old post on this, but the code wasnt really satsifactory for my purposes. I've looked through several folks' libraries and havent turned up anything. I thought I'd ask here before getting to far into it (though i'm already part way there).

Any one have a routine for directional, empirical variograms in IDL?

Thanks

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