Subject: Re: CLUSTER of atmospheric trajectories
Posted by David Fanning on Fri, 18 Mar 2011 13:15:27 GMT
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Chicho writes:

> We are working with atmospheric trajectories at 500mm height. We have
> 1500 trajectories (Time, latitute and longitude) and we would like to
> use the cluster analysis to evaluate the centroides of that. We know
> the CLUST_WTS function but I don't understand what is the format of
> the input file. Could anyone help us?

I've never done cluster analysis, but it looks to
me like you have three variables and 1500 observations.
So, you would create a 3x1500 array as input:

```
  array = Transpose([[time], [lon], [lat]])
```

Cheers,

David

--
David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: http://www.idlcoyote.com/
Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: CLUSTER of atmospheric trajectories
Posted by Chicho on Tue, 22 Mar 2011 07:56:28 GMT
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On 18 mar, 14:15, David Fanning <n...@idlcoyote.com> wrote:
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> David
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> David Fanning, Ph.D.
> Fanning Software Consulting, Inc.
> Coyote's Guide to IDL Programming:http://www.idlcoyote.com/
> Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Thanks David, I have used this form and I only get three variables for every cluster. But I need three variables for each time and for each cluster. Do you have any other idea? Thanks in advance,

Regards,

Mar
