
Subject: Re: Triangulate-reg
Posted by [penteado](#) on Fri, 16 Dec 2011 10:07:02 GMT
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On Dec 16, 5:00 am, shambhu <shambhu.mc...@gmail.com> wrote:

> Hi all,
>
> Please look at the below error and help me to solve this.
> Original size of lon is 144 and lat is 73.
>
> triangulate,lon[0:70],lat[0:70],tr
> % TRIANGULATE: Points are co-linear, no solution.
>
> Thank u

The error message seems pretty clear: your points all fall into a line, so they cannot be triangulated. Do you have any reason to believe they are not colinear?

It does seem odd to have more longitudes than latitudes.

Subject: Re: Triangulate-reg
Posted by [Fabzou](#) on Fri, 16 Dec 2011 11:19:19 GMT
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> Please look at the below error and help me to solve this.
> Original size of lon is 144 and lat is 73.

Maybe your lons and lats refer to the axis values. If this is the case, you could try this:

```
nx = n_elements(lon)
ny = n_elements(lat)
_lon = (LONARR(nx) + 1) # lon
_lat = lat # (LONARR(ny) + 1)
triangulate,_lon,_lat,tr
```

Fabz
