
Subject: Re: Pixelwise temporal trend, problem with REFORM

Posted by [Gray](#) on Wed, 23 Feb 2011 12:54:56 GMT

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On Feb 23, 7:04 am, Aga <u...@compgroups.net/> wrote:

> Hi All, I am trying to perform multi-temporal pixelwise linear regression on stack images using LINFIT(X,Y). For that both X and Y should have the same dimension. My stack image = Y and has 3 Dims

>

> my_stack=INDGEN(n_elements(all_files),xsize, ysize)

>

> Whereas X refers to the time and is defined as

>

> x=INDGEN(n_elements(all_files))

> X INT=Array[4]

> IDL> print, x

> 0 1 2 3

> I am trying to use REFORM to rescale X to the size of Y but unsuccessfully

> Error message: REFORM: New subscripts must not change the number elements in X.

> I also tried to do a combination of reform and rebin but rebin allows to multiply by the factor of the X Dim.

>

> Any suggestion would be much appreciated

> Thanks, Aga

you need rebin(x,n_elements(all_files),xsize,ysize,/sample)

Subject: Re: Pixelwise temporal trend, problem with REFORM

Posted by [Giuseppe Papa](#) on Wed, 23 Feb 2011 17:24:02 GMT

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It is working. Thank you very much!
