
Subject: Re: segment vector with missing data
Posted by [Brian Larsen](#) on Tue, 04 Nov 2008 21:47:42 GMT
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While David is on the right track this might not be quite what you want... This could be a label_regions problem if I understand correctly.

you have something like
[1,2,3,NaN,4,3,4,3,NaN,NaN,NaN,4]
and you want
[1,2,3]
[4,3,4,3]
Do I have this right?

If so one solution is:
IDL> NaN=!values.f_nan
IDL> a=[1,2,3,NaN,4,3,4,3,NaN,NaN,NaN,4]
IDL> mask=finite(a)
IDL> mask=[0,mask,0] ; stupid edges in label_region
IDL> roi=label_region(mask)
IDL> roi=roi[1:n_elements(roi)-2]
IDL> print, roi
1 1 1 0 2 2 2 2
0 0
0 3

then use histogram and reverse_indices to pull out the different bins.
IDL> hist=histogram(roi, reverse_indices=ri)

read http://www.dfanning.com/tips/histogram_tutorial.html to figure this out, I have to each time.

Brian

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