
Subject: Re: Problem with histogram calculation - please need help

Posted by [David Fanning](#) on Mon, 21 Apr 2008 15:30:14 GMT

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moxament@gmail.com writes:

> Thank you very much for your response. I did what you said and I did
> not get the error message. But the resulted histogram is incorrect. I
> can see the histogram of the image (array) in ENVI correctly but what
> I want is to calculate the histogram in my algorithm code using the
> HISTOGRAM function. I can not understand what I can do and why I have
> so much troubles with this function. It is critical for me to
> calculate the histogram of the image (array) using the HISTOGRAM
> function. Please, do you know why the resulted histogram from this
> function is wrong and what I can to in order to calculate the same
> histogram that the ENVI shows.

I seriously doubt that the histogram is "wrong". You may not be using the same bin size (or number of bins) that ENVI uses with this data. You will have to investigate what those numbers are and plug those into your HISTOGRAM command. Then I am sure the output will look the same. :-)

Cheers,

David

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Coyote's Guide to IDL Programming (www.dfanning.com)

Sepore ma de ni thui. ("Perhaps thou speakest truth.")
