Subject: Re: frequency distribution and bytscl Posted by mchinand on Wed, 10 Jul 2002 15:44:58 GMT View Forum Message <> Reply to Message In article <aghiu4\$kcb\$1@newsreader.wustl.edu>, Sean Raffuse <sean@me.wustl.edu> wrote: > Hello. > > I want to stretch an image based on it's frequency distribution: > stretched_image = bytscl(image, min=low, max=high) > where low is the bottom 5th percentile and high is the upper 5th percentile. > How can I get the values of the x percentile of a given array? > thanks in advance, > > Sean I think the PERCENT option of HIST_EQUAL function will do what you want. It uses histogram and then TOTAL(histo,/CUMULATIVE) to find the cutoff points.

Hope that helps,

--Mike

Michael Chinander University of Chicago m-chinander@uchicago.edu (773)834-5101 (Voice) (773)702-0371 (Fax)