
Subject: Re: Medical Imaging Question
Posted by [davidf](#) on Fri, 06 Aug 1999 07:00:00 GMT
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Larry Busse (ljb@ljbdev.com) writes:

> In MR and CT, images are usually displayed with a gray map that is
> appropriate for the particular area being imaged or diagnostic
> procedure. The look-up tables are sometimes referred to as
> "lung-window", or "bone-window", or "soft-tissue-window". These
> correspond to different window/level settings where
> window = (WhiteValue - BlackValue) and
> level = (WhiteValue + BlackValue)/2.

Let me see if I understand this correctly. Are you saying that I might have sliders that would select a "window" of data. Say between the values of 1000 and 3500, and that what I would see on my display would be something like this:

TV, `BytScl(image, Max=3500, Min=100, Top=!D.Table_Size-1)`

In other words, the gray scale values could be a portion or window onto the entire data universe. If this is so, how do you usually implement such a sliding window into your data?

Many thanks to all (including bashful e-mail senders) for their comments. :-)

Cheers,

David

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David Fanning, Ph.D.
Fanning Software Consulting
Phone: 970-221-0438 E-Mail: davidf@dfanning.com
Coyote's Guide to IDL Programming: <http://www.dfanning.com/>
Toll-Free IDL Book Orders: 1-888-461-0155
