
Subject: Re: color value interpolation from colorbar
Posted by j.coenia@gmail.com on Thu, 04 Dec 2008 21:06:26 GMT
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Thanks for the fast replies.

I agree that the input is garbage, at least relative to the ideal of directly digitized lossless 30 fps video of 30 minute scanning sessions... Such data are not available here yet, not with our equipment, although the equipment is surely available elsewhere with new advances in frame grabbing and increases in storage capacity.

This garbage is still considered by many to be diagnostic-quality (or at least research-quality) garbage. The color even on the degraded recordings is not useless: the colorbars can and have for years been used to estimate color level in countless papers and for clinical diagnosis.

I am not asking for the best way to get data; I am asking for the best way to analyze degraded data.

Degraded data is not necessarily "useless" or "garbage" -- that's an exaggeration.

The challenge here is to extract something useful from it. Years of research says that useful information can be extracted by eye from these degraded recorded colors, although I am having problems doing it by computer, which is why I posted here in the first place. Or I could go back and tell the head of the research section to publish retractions for 15 years of publications... :)
