Subject: Re: Continuous colorbar
Posted by penteado on Mon, 28 Jun 2010 15:19:06 GMT

On Jun 28, 11:35 am, zhangyehui <zhangye...@gmail.com> wrote:
> I want to draw a contour map of correlation coefficients with
> continuous color. As R varies between [-1, 1], I'd like those are
> close to 0 shown in white color and those are close to 1(-1) with
> darker colors. I usually use loadct colorbars. There are 41 colorbars.
> But I can't find a colorbar with a white color in the middle. So I
> just wondered if there is anyway I can do that. Thanks in advance.

Some of the Brewer tables have white in the middle, going to saturated
colors on different hues on each side. See

 http://michaelgalloy.com/2008/08/21/another-update-to-the-br ewer-color-table-file.html

You can always make your own table, it is just an array with the RGB,
HLS or HSV values for each index. The tricky part is deciding on how
to vary the colors along the table, which has an important effect on
how the resulting visualization is perceived.