
Subject: Re: Gridding Wizard preview

Posted by [penteado](#) on Mon, 28 Jun 2010 19:56:24 GMT

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On Jun 28, 4:19 pm, Ally <ally.desh...@gmail.com> wrote:

> I want it to look exactly like the preview. My points are pretty
> densely distributed so there's a clump but when I plot in iplot it
> is just a line and when I plot it in iconour it looks nothing like
> the preview. And neither iplot no iconour plot it in color. How do
> I fix this?

If they are dense enough, an iimage will look about the same. To make the iplot with the colors given by the value at each point, use something like

```
iplot,x,y,vert_colors=bytscl(z),/  
scatter,sym_index=6,sym_thick=2.,rgb_table=rgb_table
```

where rgb_table is either the colortable number (if one of the default tables), or the table itself (a [3,256] or a [256,3] byte array). The one used in the gridding wizard is the rainbow table (13), not a good one.

Colors for contours are specified in a similar way:

```
zmin=min(z,max=zmax)  
nl=10  
values=zmin+(zmax-zmin)*dindgen(nl)/(nl-1d0)  
colors=dindgen(nl)*255/(nl-1d0)  
iconour,n_levels=nl,c_value=values,rgb_indices=colors,rgb_t able=rgb_table
```
