
Subject: Re: 2D histogram color plot

Posted by [Craig Markwardt](#) on Mon, 25 Oct 2004 17:34:12 GMT

[View Forum Message](#) <> [Reply to Message](#)

cwodell@gmail.com (Chris O'Dell) writes:

> Hi everyone,

>

> I need to make a scatter plot between 2 variables, x and y. Problem

> is that the number of (x,y) pairs is VERY large, so you can't really

> see what's going on in the scatter plot. I therefore would like to

> make color scatter plot, where the color in a certain x,y bin is

> related to the density of points in that bin. I see that hist_2d can

> create the physical array that I need, but then you need tv or tvscl

> or something to plot it. Does anyone have a program that will do all

> of this in one go? I.e., call hist_2d, and then make a nice plot?

Hi Chris--

You probably want something like PLOTIMAGE (by me) or IMDISP (by Liam Gumley). Of course, this assumes you have already made a histogram with hist_2d.

Happy plotting,
Craig

--

Craig B. Markwardt, Ph.D. EMAIL: craigmnet@REMOVEcow.physics.wisc.edu
Astrophysics, IDL, Finance, Derivatives | Remove "net" for better response
