
Subject: Re: Finding the Top Two Most Common Coordinates in a Multi-Dimensional Array

Posted by [Jeremy Bailin](#) on Tue, 29 Jul 2008 15:50:02 GMT

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On Jul 29, 2:32 am, Brian Larsen <balars...@gmail.com> wrote:

> We do need some more information but this is just screaming for
> histogram. Have a read through http://www.dfanning.com/tips/histogram_tutorial.html
> . Using histogram to see which x's are common you can step through
> the reverse_indices and see which y's are then common. There is
> probably a more graceful way however.

>

> Cheers,

>

> Brian

>

> -----

> Brian Larsen

> Boston University

> Center for Space Physics <http://people.bu.edu/balarsen/Home/IDL>

In particular, if you're dealing with integers that don't span too big a range, use HIST_2D and find the maximum element. If you've got floats or a wide range, use UNIQ to turn each into an integer on a small range first.

-Jeremy.
