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Subject: Re: Principle Componets Analysis  
Posted by [Jeff N.](#) on Thu, 23 Aug 2007 21:32:10 GMT  
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On Aug 23, 3:49 pm, David Fanning <da...@dfanning.com> wrote:

> Jeff N. writes:  
>> You can easily combine different images into a single cube in ENVI.  
>> Just go to File -> Save File As -> Envi Standard. Note that this  
>> "File" menu is in the main ENVI menu, not the file menu for a display  
>> window. You can do it for any number of bands, even different  
>> combinations of bands in different images, and once you combine them  
>> the PCA should work just fine.  
>  
> Ah, fabulous. Piece of cake!  
>  
> In case anyone is interested, here is a reference to a  
> FABULOUS explanation of priciple components analysis.  
> After reading it, I was convinced I could do PCA in IDL  
> if I couldn't get the darn ENVI stuff to work. But, in  
> the end, it was easier to let ENVI do the heavy lifting.  
>  
> <http://tinyurl.com/3aaeb6>  
>  
> Cheers,  
>  
> David  
>  
> --  
> David Fanning, Ph.D.  
> Fanning Software Consulting, Inc.  
> Coyote's Guide to IDL Programming:<http://www.dfanning.com/>

Now that I think about it, I remember trying a while back going through that tutorial and trying to get the same answer using PCOMP....but never could. Has anyone else tried this? Did you get good agreement?

Jeff

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