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Subject: Clsuter analysis wiht IDL

Posted by [dw](#) on Fri, 23 Feb 2001 15:09:30 GMT

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I am trying to use the cluster analysis utility in IDL, and I can't work it out. Perhaps due to my lack of knowledge in the statistical field.....

I have a 2D-image (658x658) with a single band of info (CT x-ray intentities) that I want to classify (into three classes) using cluster analysis. I assume I have to use the CLUST\_WTS function first and then the CLUSTER function, but I can't work it out.

The on-line help isn't very helpful on this topic....

If I use

`weights = clust_wts(image, n_clusters=3)`, with `image= intarr(658x658)` I get alot of floating errors.

Do I need to reform the image to (658x658,1) before using the `clust_wts` function? Doesn't seem to work either, though. Also how do I get the cluster numbers back as an overlay of my image? so that I can actually see the result of the classification.

Has anybody worked on cluster analysis using IDL?

Thanks for any help!

Dorthe

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Posted from mail.isva.dtu.dk [192.38.88.3]

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