
Subject: PCA with Varimax Rotation
Posted by [mal3p](#) on Wed, 01 Feb 1995 13:11:14 GMT
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I am looking for a PCA routine that implements the Varimax rotation. The idlastro directory includes a PCA routine, but it does not seem to support any rotation of the data- Does anyone have one out there? Does the current version of idl or pwwave supprt such a function?

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Subject: Re: PCA
Posted by [afl](#) on Wed, 19 Apr 1995 07:00:00 GMT
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In article <[3n22hm\\$2ap5@yuma.ACNS.ColoState.EDU](mailto:3n22hm$2ap5@yuma.ACNS.ColoState.EDU)>, dean@phobos.cira.colostate.edu writes:

|>
|> Has anyone done any Principle Component Analysis (PCA) techniques within
|> IDL? Or does IDL already provide this, but under another name? I have been
|> working with IMAGINE which has this feature. I would like to try PCA on
|> GOES-8 data within IDL. Before I go and code it up, I was wondering if
|> anyone has done this already.
|>
|> Kelly

Kelly,

The newest version of IDL (version 4.0, due out soon) has functions for computing eigenvalues and eigenvectors. Would this help you? "NO" is the expected response since you don't have a copy of version 4.0, but if you did, are these the kind of functions you need?

Do you have any good PCA references that you could pass along, I am always interested in obtaining better references on this subject.

Andy

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