

Re: a principal component analysis question

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- *From:* "Ray Koopman" <koopman@xxxxxx>
 - *Date:* 30 May 2005 17:22:37 -0700
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Yiyu wrote:

- > No, the 2 groups can not be identified before the PCA was run.
- > Actually I hope to identify the 2 groups using the information
- > from the PCA. What's more, even the number of groups can't be known
- > before hand. (K can > 1000 and number of meaningful principal
- > component can be > 5).

Any collection of individuals (people?) whose scores on a component are approximately the same will appear to be a "group" in which that component explains little variation. There are likely to be many such "groups".

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• *References:*

- ◆ [*a principal component analysis question*](#)
◇ *From:* Yiyu
- ◆ [*Re: a principal component analysis question*](#)
◇ *From:* Richard Wright
- ◆ [*Re: a principal component analysis question*](#)
◇ *From:* Yiyu

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