

Re: LCA: model failed to determine a valid solution...why?

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 - *Date:* 7 Nov 2005 14:48:36 -0800
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This seems unusual.

With a 1-class model (and no missing data) estimation really needs just one iteration, so convergence shouldn't be an issue there.

Suggestions:

1. Are data being read correctly? Is there a way to check—e.g., a report of N's and means for each variable?
2. Can you run any benchmark data and verify that you get the right results? That's a good way to make sure you've formatted data files correctly, are using the proper options, etc.
3. Have you experimented with changing the convergence criterion and/or maximum number of iterations?
4. If you're getting results (even though convergence isn't reached), do they look plausible?

(This is my third attempt over a several-hour period to reply to the post. If the reply ends up appearing multiple times, please excuse.)

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- *References:*
 - ◆ [*LCA: model failed to determine a valid solution...why?*](#)
 - ◇ *From:* Danielle
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