Subject: TRIQL: Too many iterations in tqli. Error calculating PCA with pcomp function
Posted by on Tue, 22 Mar 2005 17:15:03 GMT
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<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.0 Transitional//EN">
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<BODY bgColor=#ffffff background="">
<DIV><FONT size=2><FONT face=Arial> Hi all,

      since a long time ago I'm trying to do this analysis (Principal Components) but I always find this error with pcomp function:

TRIQL: Too many iterations in tqli.
% Error occurred at: EIGENQL 122 H:\RSI\IDL60\lib\eigenql.pro
% PCOMP 119 H:\RSI\IDL60\lib\pcomp.pro

the matrix I'm using has 247 columns(variables) and 560 rows (examples), and the kind of data is like this:
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<DIV>I dont have problems with something like this:</DIV>
<DIV><FONT face=Arial size=2>seed = 12345L
data =
randomn(seed,247,560)</FONT></DIV>
<DIV><FONT face=Arial size=2>result =
pcomp(data,coefficients=coef,eigenvalues=eigen)</FONT></DIV >
<DIV><FONT face=Arial size=2></FONT> </DIV>
<DIV><FONT face=Arial size=2>but there should be something in data that forces
the algorithm to not convergence, do you know why? </FONT></DIV>
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Thanks a lot. </FONT></DIV>
<DIV><FONT face=Arial
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Esteban.</FONT></DIV>
<DIV><FONT face=Arial size=2></FONT> </DIV></BODY></HTML>