
Subject: ENVI stats report very, very slow
Posted by [Robert Estes](#) on Mon, 16 Nov 1998 08:00:00 GMT
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I'm just starting with ENVI and am finding that some operations are very very slow. I generated a stats file (covariance, histograms, etc.) for a 256 x 256 x 224 x 16 bit set of image data (subset of Moffat Field AVIRIS data). The process of generating a report from the *.sta file takes three hours ... with no significant disk activity. I'm running on a Pentium Pro 200 machine with 96M of memory and the idl process is currently using about 20M. I don't understand why it is so slow. All it should be doing is reading the values in the stats file and converting them to an ASCII representation. The covariance matrices and eigenvalue matrices should only be 224 x 224 and the histograms are 16K entries each (224 of them - I know there are 16K entries each from an earlier run where it used a quantization step size of 4) --- not that much data.

This is the second time I've run this and the first time the report truncated all large values, displaying a sequence of *****'s instead. This is of little use. Another option is to parse this file myself, but I don't know the file format, and can't seem to find that information.

Am I missing something? Is there a way to speed this up? Any suggestions?

Thanks!

-R

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