Subject: IDL Stat analysis- ANOVA licening
Posted by smnadoum on Tue, 28 Feb 2017 00:10:19 GMT

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I have just realized that the build-in stat functions need separate licensing. It's very disappointing to learn that IDL is not stat friendly.

I am trying to do some simple stat analysis like R2, RMSE, DF, P, and variance using IDL. I was wondering if you guys know an open source where I can maybe find the equations for the above.. I have no idea how to calculate those in IDL.

I would appreciate help of any sort. Thanks.

Subject: Re: IDL Stat analysis- ANOVA licening
Posted by wlandsman on Tue, 28 Feb 2017 19:11:27 GMT

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It is true that use the Advanced Math & Stats library requires a separate license.   This lets one run programs from the IMSL (https://en.wikipedia.org/wiki/IMSL_Numerical_Libraries) numerical libraries.   (I suppose since there is a Python interface to the IMSL library that one could use the IDL-Python bridge to access it without a license.)

However, most basic stat functions are already available in IDL, without need of the IMSL libary. See
 http://www.harrisgeospatial.com/docs/mathematics_funt_list.h tml

--Wayne

On Monday, February 27, 2017 at 7:10:22 PM UTC-5, Cheryl wrote:
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