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Subject: t-testing in IDL

Posted by [mariamalene](#) on Wed, 23 Jan 2008 15:52:51 GMT

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I have two sample data sets with 20 years of 12 months simulations in a lon/lat grid of 128 x 64. , i.e. 2x(20,12,128,64). I would like to find the difference between the two simulations and find out which differences that are significant at a 95% level. I have calculated the annual average of my 20-year simulation, and also the standard-deviation, but how do I perform the t-test? I have looked at the `tm_test` but haven't figured out how to apply it on my 4-D approach..  
Thanks

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