Subject: Re: Removing unwanted data from a structure
Posted by cab581 on Wed, 08 May 2013 18:49:21 GMT

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On Wednesday, May 8, 2013 2:47:20 PM UTC-4, cab581 wrote:
> I'm back for more!
>
>
>
> I'm trying to sift through my data to remove unwanted values. Previously I was removing data as it read out of a file, so the code worked fine. Now It's a bit more complex.
>
>
>
> FOR I = 0, 17 DO BEGIN
>
> FOR J = 0, 99 DO BEGIN
>
> ind = where(STRUCT.(6)[J] GT MED[i,j], count)
>
> IF count NE 0 THEN STRUCT.(6)[ind] = !values.F_Nan
>
> MEAN[I,J]   = MEAN(STRUCT.(6)[J], /double, /NAN)
>
> ENDFOR
>
> ENDFOR
>
>
>
> I have lots of data. I have two dimensions (altitude, J and 10 degree latitude bins, I) within each data set. I have calculated the median (MED) for each I,J section in the structure. I want run through every single point in all of my files and remove those that are greater than that median. The problem with what I have written is that (I think!) it's looking for where every value across the whole of STRUCT.(6) are greater than the median, not the individual values within STRUCT.(6)
>
>
>
> Thanks in anticipation

I should add that the 'files' that I want to compare to the median are in a structure, the same dimensions as that of the median.