
Subject: Re: Another "Array subscript for VECTOR must have same size as source expression." problem

Posted by [wlandsman](#) on Tue, 29 Apr 2014 19:17:29 GMT

[View Forum Message](#) <> [Reply to Message](#)

On Tuesday, April 29, 2014 2:27:58 PM UTC-4, laura...@gmail.com wrote:

```
> plotstats = fltarr(5,nsites)
```

The BOXPLOT documentation says that the VALUES parameter should be dimensioned M x 5 -- it looks like you have the transpose

What make the problem hard to diagnose is that the BOXPLOT() function does not play nice with the input parameters

```
IDL> plotstats = findgen(5,12)
IDL> help,plotstats
PLOTSTATS    FLOAT    = Array[5, 12]
IDL> saa = boxplot(indgen(12),plotstats)
IDL> help,plotstats
PLOTSTATS    FLOAT    = Array[12, 5]
```

So it looks like BOXPLOT has transposed the input data, so the second time through the plotstats variable is dimensioned [12,5] whereas you are assuming that is dimensioned [5,12], giving the array subscript error. --Wayne
