
Subject: rs_test.pro

Posted by [Steve Morris](#) on Wed, 12 Mar 2003 15:54:54 GMT

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Hi everybody!

I am using the routine rs_test.pro (idl library). I have two data set, the first one is a 105 elements array (x), while the second one is a 103 elements array(y).

I read the data, but when I use rs_test.pro the routine returns

```
%Unable to concatenate variables because the dimensions do not agree:
```

```
Y
```

```
% Error occurred at: RS_TEST          96
```

```
%          $MAIN$
```

```
% Execution halted at: $MAIN$
```

Why? Where is the problem and it is possible to solve it?

Thank a lot!

Cheers

Steve

Subject: Re: rs_test.pro

Posted by [Ben Tupper](#) on Mon, 09 Jun 2003 15:01:09 GMT

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Tobi Hansel wrote:

- > A while ago I read a message about this test.
- > Now, I am experiencing the same problem. I am using two array of
- > different lenghts (as Online Help state possible) but I am unable to
- > run rs_test.pro properly. This routine return me error!
- > By the way, I am sure the array are
- > x=[1,47]
- > y=[1, 33]
- > Where do I fail?
- > Does the routine work right?
- > Cheers,
- > Tobi

Hello,

For RS_TEST the X and Y arguments must be **vectors**. Since your X and Y have two dimensions the don't qualify. It's a subtle problem and it drives some programmers crazy - while other's delight in it. You can fix the problem by using REFORM do removed the 'degenerate' dimension.

```
vecX = REFORM(x)
```

```
vecY = REFORM(y)
```

```
result = RS_TEST(vecX, vecY, ...)
```

Ben

Subject: Re: rs_test.pro

Posted by [tobi_hansel](#) on Tue, 10 Jun 2003 08:54:21 GMT

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Thanks a lot, Ben!

Cheers
