
Subject: matrix multiplication

Posted by [siumtesfai](#) on Sun, 30 Aug 2015 18:04:02 GMT

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Hi all

I have two dimensional data (2Ddata) with missing value (NAN).

```
sz=size(2Ddata)
```

How can I calculate matrix multiplication by excluding the missing data

```
matrix = (1/ntime-1) * (Double(2Ddata) ## Transpose(2Ddata))
```

Best regards

Subject: Re: matrix multiplication

Posted by [Jeremy Bailin](#) on Thu, 03 Sep 2015 17:02:28 GMT

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On Sunday, August 30, 2015 at 1:04:04 PM UTC-5, siumt...@gmail.com wrote:

> Hi all

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>

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>

> Best regards

What are you expecting to happen where the missing data are? It's not well-defined what a missing value times a non-missing value is -- IDL will give you NaN there, which is the only sensible answer I can see. If you're expecting something else, what fundamentally do you expect there?

-Jeremy.
