
Subject: Re: Comparing two float arrays upto 0.0001 precision
Posted by [Markus Schmassmann](#) on Mon, 05 Dec 2016 10:38:29 GMT
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On 12/05/2016 07:58 AM, priyamalik484@gmail.com wrote:

- > I am trying to compare two very long float arrays upto precision 0.0001
- > without using for loop as it is taking alot time in processing. Can any one
- > guide me how to compare two long arrays in float????

```
A=randomu(seed,100000)
B=randomu(seed,100000)
similar=abs(A-B) le 0.0001
```

Similar is then a byte array that is 1 where A approx B, 0 elsewhere.
If you want instead a list of indices, where A approx B, use

```
w=where(abs(A-B) le 0.0001,/null)
```

By the way, avoid using long for anything else than long integers
(32-bit), otherwise you cause confusion.

I hope this helps, Markus
