
Subject: Re: Compare two variables

Posted by [Joost Aan de Brugh](#) on Mon, 14 Jul 2008 08:09:37 GMT

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Hello Dave,

> hi Joost
> but i work with float data. as you said this metheod works for
> integer. could we modify it to work for non integer data?
> Cheers
> Dave

That is a pity. But isn't that dangerous in any case. If A and B are floats then the expression `A eq B` is not reliable because of continuous rounding. It may still be reliable if absolutely no arithmetic is involved.

The compression trick does not work for floats, because of the degree of infinity.

Maybe a two-step filtering is aproprate

```
idx1 = Where(B[2,*] = A[0,j]) ; in for-loop or with the matrix-trick I  
did with DA and DB.  
inbetweenresult = B[:,idx1]
```

```
idx2 = Where(inbetweenresult[3,*] = A[1,j]) ; in for-loop or with the  
matrix-trick I did with DA and DB.  
result = inbetweenresult[:,idx2]
```

Cheers,
Joost
