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Subject: Re: Distance between two sets of datapoints  
Posted by [Kenneth P. Bowman](#) on Fri, 26 Mar 2010 13:11:05 GMT  
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In article

<eb0d2a64-900b-4c9e-9599-699dcd3da17b@k4g2000prh.googlegroups.com>, Maxwell Peck <maxjpeck@gmail.com> wrote:

```
> Thanks Ken, I'll give it a shot. I had tried a similar loop (I
> thought) but it seemed to be very slow that is why i was looking at
> vectorising it similar to distance_measure.
>>
>> FOR i = 0, nb-1 DO dist[0,i] = SQRT((xb[i] - xa)^2 + (yb[i] - ya)^2)
```

This should vectorize reasonably well if na is large and nb is not too large.

Ken

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