
Subject: function NORMALITY

Posted by [yxw45](#) on Wed, 26 May 2004 18:17:33 GMT

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I am using function NORMALITY for normal distribution test. if I type

```
pm, normality(random(2000,/normal))
```

the answer is ok. But if I increase the length of the random series

only by 1, i.e.,

```
pm, normality(random(2001,/normal))
```

The following error is returned.

```
% NORMALITY: Terminal error: STAT_INEQUALITY_VIOLATION_2
```

```
  Error code 602.
```

```
%
```

```
% Execution halted at NORMALITY <normality.pro( 78)> (MATHSTAT_170).
```

```
% Called from $MAIN$ .
```

This is so weird. And also it seems that several input keywords can't be used properly, such as 'Lilliefors'. Does anyone have experience about this function?

Thanks
