
Subject: Re: Help needed!!

Posted by [bala murugan](#) on Fri, 16 Apr 2010 19:11:08 GMT

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On Apr 16, 12:59 pm, "R.G. Stockwell" <noem...@please.com> wrote:

> "bala murugan" <bala2...@gmail.com> wrote in message
>
> news:63998232-09c5-4bf3-a795-b85c5c03b954@r27g2000yqn.google groups.com...
> ...
> CODE:
>
> FUNCTION poissondist,fLambda,N
> FOR i=1,N,1 DO BEGIN
> a = FLTARR(N)
> r = RANDOMU(SEED,1)
> FOR j=1,N,1 DO BEGIN
> x=poisson(j,fLambda)
> if abs(x-r) lt 0.0001 THEN a[i]=j
> ENDFOR
> ENDFOR
> RETURN,a
> END
> *****
>
> when i becomes equal to N you will get an error
> trying to access a[i].
> Also, your a[0] is equal to zero.
>
> And, your function is
> FUNCTION poissondist, fLambda, N
> and you call it like:
> x=poisson(j,fLambda)
>
> Note that flambda is in the wrong position.

FIRST:

This function "x=poisson(j,fLambda)" is different from the poissondist.

Say I use "x = (fLambda^j)/(exp(fLambda)*factorial(j))" instead of the function poisson.

So this problem is now solved.

SECOND:

```
FUNCTION poissondist,fLambda,N
FOR i=0,N-1,1 DO BEGIN
a = FLTARR(N)
```

```
r = RANDOMU(SEED,1)
FOR j=0,N-1,1 DO BEGIN
  x = (fLambda^j)/(exp(fLambda)*factorial(j))
  if abs(x-r) lt 0.0001 THEN a[i]=j
ENDFOR
ENDFOR
RETURN,a
END
```

Hope its fine now....
