Subject: Re: problem with IDL statistics
Posted by Vince Hradil on Wed, 28 Jun 2000 07:00:00 GMT
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I repeated it on my sparcstation - it works, but yields:

IDL> result = randomu(seed, binomial=[3.8e7,.72])
% Program caused arithmetic error: Floating underflow
IDL> print, result
  2.73603e+07
IDL> print, !version
{ sparc sunos unix 5.1 Apr 13 1998}

"Vince Hradil" <hradilv@yahoo.com> wrote in message
news:8jd7ho$m4g$1@fizban.fizban.pprd.abbott.com...
> I just got the same results - but don't know why.
>
> IDL> print, !version
> { x86 Win32 Windows 5.3 Nov 11 1999}
>
> <ectucker@aol.com> wrote in message news:8jbauq$3og$1@nnrp1.deja.com...
>> In my code I have the line:
>> result=randomu(seed, binomial=[3.8e7, .72])
>> this freezes up the code (acts as if it is in an infinite loop) at the
>> statement above.
>> If i change the 3.8e7 to 3.9e7, it works fine.
>> It seems that certain ranges of values work and others don't.
>> It doesn't matter if I use integers, long integers, double
>> precision,etc.
>> I get the exact same problem when I use other similar statements, such
>> as:
>> result=randomn(seed, 256,256,poisson=3.8e7)
>> again it freezes up for 3.8e7 but not 3.9e7
>> Very strange!
>> Any comments?
>> Thanks,
>> Eric
>>
>>
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