

Re: P-value from chi-square value: source code

Source: <http://sci.tech-archive.net/Archive/sci.stat.math/2005-04/msg00113.html>

- *From:* iandjmsmith@xxxxxxx (Ian Smith)
 - *Date:* 6 Apr 2005 05:18:42 -0700
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"Dhruv" <bhaveshrb@xxxxxxxxx> wrote in message
news:<1112757036.767719.202850@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>...
> Hello,
>
> Could anyone send me a link to the source code in C++ for calculating
> the P-value from a chi-square value.
>
> Thanks n Wishes,
> Dhruv

You are looking for code to evaluate the upper tail probability of a
chi-squared distribution.

<http://odin.mdacc.tmc.edu/anonftp/#DCDFLIB>

and

http://cvs.gnome.org/viewcvs/*checkout*/gnumeric/src/mathfunc.c

both have C code which will do it and there is nothing better out
there that I know of. I do not know the licencing arrangements. That
will probably depend on how you want to use it. If there are any
licencing problems then I have code which can be translated to C++
without too much effort.

Ian Smith
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◇ *From:* Dhruv
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