URL: http://cxc.harvard.edu/ciao3.4/get_qvalue.html
Last modified: December 2006

AHELP for CIAO 3.4

get_qvalue

Context: sherpa

Jump to: Description Bugs See Also

Synopsis

Module function that returns the statistical significance computed as a q−value.

Syntax

```
Double_Type get_qvalue(Integer_Type, Double_Type)

Error Return Value: NULL

Arguments:

(1) number of degrees of freedom d

(2) observed statistic value chi_o^2
```

Description

This function returns the tail integral of the chi^2 distribution for the given number of degrees of freedom.

See the related Sherpa command MLR for more information.

Bugs

See the Sherpa bug pages online for an up−to−date listing of known bugs.

See Also

chandra

guide

sherpa

get_analysis, get_arf_axes, get_axes, get_coord, get_data, get_energy_axes, get_errors, get_filter, get_filter_expr, get_fit, get_fluxed_spectrum, get_ftest, get_metadata, get_photon_axes, get_photon_energy_axes, get_photon_wave_axes, get_raw_axes, get_record, get_source, get_statistic, get_stats, get_syserrors, get_wave_axes, get_weights, record, save, write

The Chandra X−Ray Center (CXC) is operated for NASA by the Smithsonian Astrophysical Observatory.
60 Garden Street, Cambridge, MA 02138 USA.
Smithsonian Institution, Copyright © 1998−2006. All rights reserved.

URL: http://cxc.harvard.edu/ciao3.4/get_qvalue.html
Last modified: December 2006