



AHELP for CIAO 3.4

get_ftest

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Synopsis

Module function that returns the statistical significance computed with the F test

Syntax

```
Double_Type get_ftest(Integer_Type, Double_Type, Integer_Type,
Double_Type)
```

Error Return Value: NULL

Arguments:

- (1) number of degrees of freedom d_1
- (2) observed statistic value chi_1^2
- (3) number of degrees of freedom d_2
- (4) observed statistic value chi_2^2

Description

This function returns the tail integral of the F distribution, alpha_F.

See the related Sherpa command FTEST 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 metadata](#), [get photon axes](#), [get photon energy axes](#), [get photon wave axes](#), [get qvalue](#), [get raw axes](#), [get record](#), [get source](#), [get statistic](#), [get stats](#), [get syserrors](#), [get wave axes](#), [get weights](#), [record](#), [save](#), [write](#)

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