WithNumuDiagSysPearson_Chi

PDF

$+2\sigma$
$+1\sigma$
Median
-1σ
-2σ

H_0
H_1

$+2\sigma$
$1-\beta(0.977)$ $\alpha(0.298 \mid 0.5\sigma)$

$+1\sigma$
$1-\beta(0.841)$ $\alpha(0.050 \mid 1.6\sigma)$

Median
$1-\beta(0.500)$ $\alpha(0.003 \mid 2.8\sigma)$

-1σ
$1-\beta(0.159)$ $\alpha(10^{-4.15} \mid 3.8\sigma)$

-2σ
$1-\beta(0.023)$ $\alpha(10^{-inf} \mid inf)$

$\Delta \chi^2 = \chi^2_{H0} - \chi^2_{H1}$