Inverse Cauchy distribution

$a := \text{curve2d}\left(\text{cauchyinv}(y, 0, 0.5), y, 0.01, 0.99, 100\right)$

$b := \text{curve2d}\left(\text{cauchyinv}(y, 0, 1), y, 0.01, 0.99, 100\right)$

$c := \text{curve2d}\left(\text{cauchyinv}(y, 0, 2), y, 0.01, 0.99, 100\right)$

$d := \text{curve2d}\left(\text{cauchyinv}(y, -2, 1), y, 0.01, 0.99, 100\right)$

Name	Title	Color	Origin
a	(0, 0.5)	---------	
b	(0, 1)	---------	
c	(0, 2)	---------	
d	(-2, 1)	---------	

Inverse Cauchy distribution