

# Cauchy distribution

## Probability density function

$a := \text{curve2d}(\text{cauchydens}(x, 0, 0.5), x, -4, 4, 100)$  ←  
 $b := \text{curve2d}(\text{cauchydens}(x, 0, 1), x, -4, 4, 100)$  ←  
 $c := \text{curve2d}(\text{cauchydens}(x, 0, 2), x, -4, 4, 100)$  ←  
 $d := \text{curve2d}(\text{cauchydens}(x, -2, 1), x, -4, 4, 100)$  ←

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

