Normal distribution

Probability density function

$a := \text{curve2d}\left(\text{normaldens}\left(x\ ,\ 0\ ,\ 0.4\right),\ x\ ,\ -4\ ,\ 3\ ,\ 100\right)$

$b := \text{curve2d}\left(\text{normaldens}\left(x\ ,\ 0\ ,\ 1\right),\ x\ ,\ -4\ ,\ 3\ ,\ 100\right)$

$c := \text{curve2d}\left(\text{normaldens}\left(x\ ,\ 0\ ,\ 2\right),\ x\ ,\ -4\ ,\ 3\ ,\ 100\right)$

$d := \text{curve2d}\left(\text{normaldens}\left(x\ ,\ -2\ ,\ 0.5\right),\ x\ ,\ -4\ ,\ 0\ ,\ 100\right)$

Name	Title	Color	Origin
a	(0, 0.4)	--------	
b	(0, 1)	--------	
c	(0, 2)	--------	
d	(-2, 0.5)	--------	

Normal - Probability density function