

Normal distribution

The normal distribution is a continuous probability distribution, it is often used in the natural and social science to represent real-valued random variables whose distribution are not known.

Cumulative distribution function

$a := \text{curve2d}(\text{normaldist}(x, 0, 0.2), x, -10, 10, 101)$ ←

$b := \text{curve2d}(\text{normaldist}(x, 0, 1), x, -10, 10, 101)$ ←

$c := \text{curve2d}(\text{normaldist}(x, 0, 5), x, -10, 10, 101)$ ←

$d := \text{curve2d}(\text{normaldist}(x, -2, 0.5), x, -10, 10, 101)$ ←

Name	Title	Color	Origin
a	(0, 0.2)	-----	
b	(0, 1)	-----	
c	(0, 5)	-----	
d	(-2, 0.5)	-----	

