

# Beta distribution

## Probability density function

$a := \text{curve2d}\left(\text{betadens}(x, 0.5, 0.5), x, 0.01, 0.99, 100\right)$  ←  
 $b := \text{curve2d}\left(\text{betadens}(x, 5, 1), x, 0.01, 0.99, 100\right)$  ←  
 $c := \text{curve2d}\left(\text{betadens}(x, 1, 3), x, 0.01, 0.99, 100\right)$  ←  
 $d := \text{curve2d}\left(\text{betadens}(x, 2, 2), x, 0.01, 0.99, 100\right)$  ←  
 $e := \text{curve2d}\left(\text{betadens}(x, 2, 5), x, 0.01, 0.99, 100\right)$  ←

Name	Title	Color	Origin
a	(0.5, 0.5)	red dashed	
b	(5, 1)	blue dashed	
c	(1,3)	green dashed	
d	(2,2)	yellow dashed	
e	(2,5)	magenta dashed	

Beta - Probability density function

