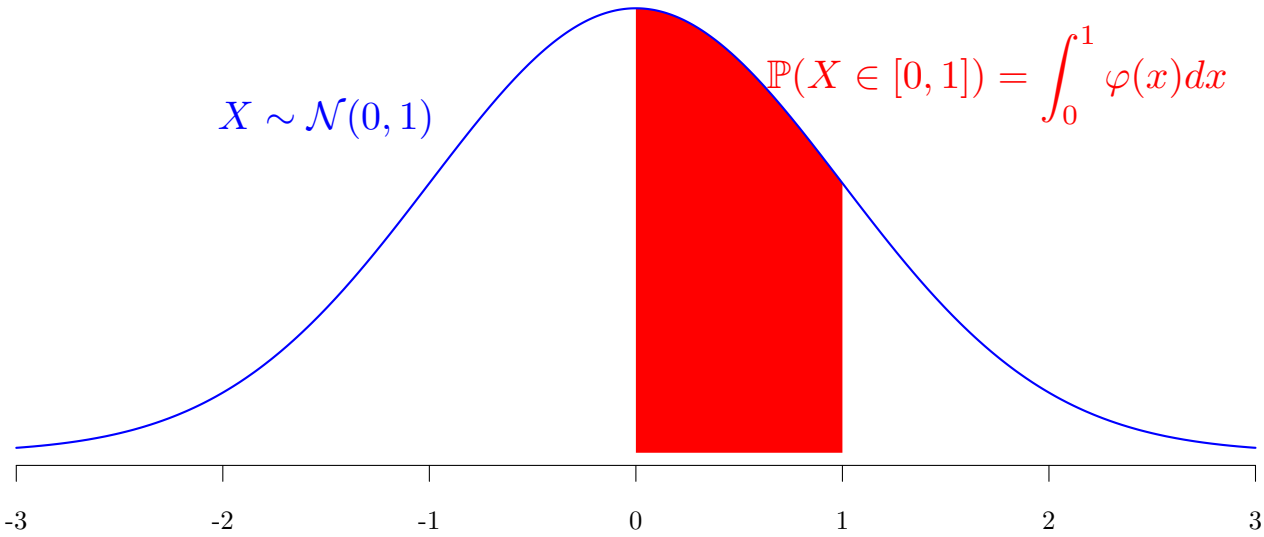
$X \sim \mathcal{N}(0,1)$
$\mathbb{P}(X \in [0,1]) = \int_0^1 \varphi(x)dx$
-3
-2
-1
0
1
2
3