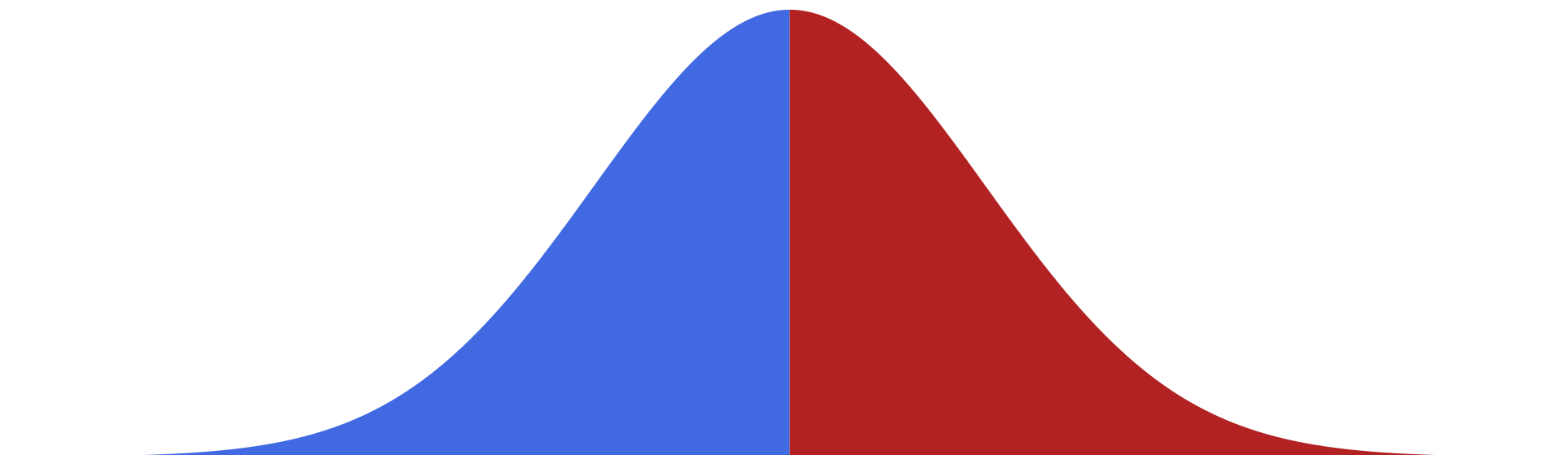


**NORMAL**  
 $X \sim \mathcal{N}(\mu, \sigma^2)$



**HALF-NORMAL**  
 $X \sim |\mathcal{N}(0, \sigma^2)| + \mu$

