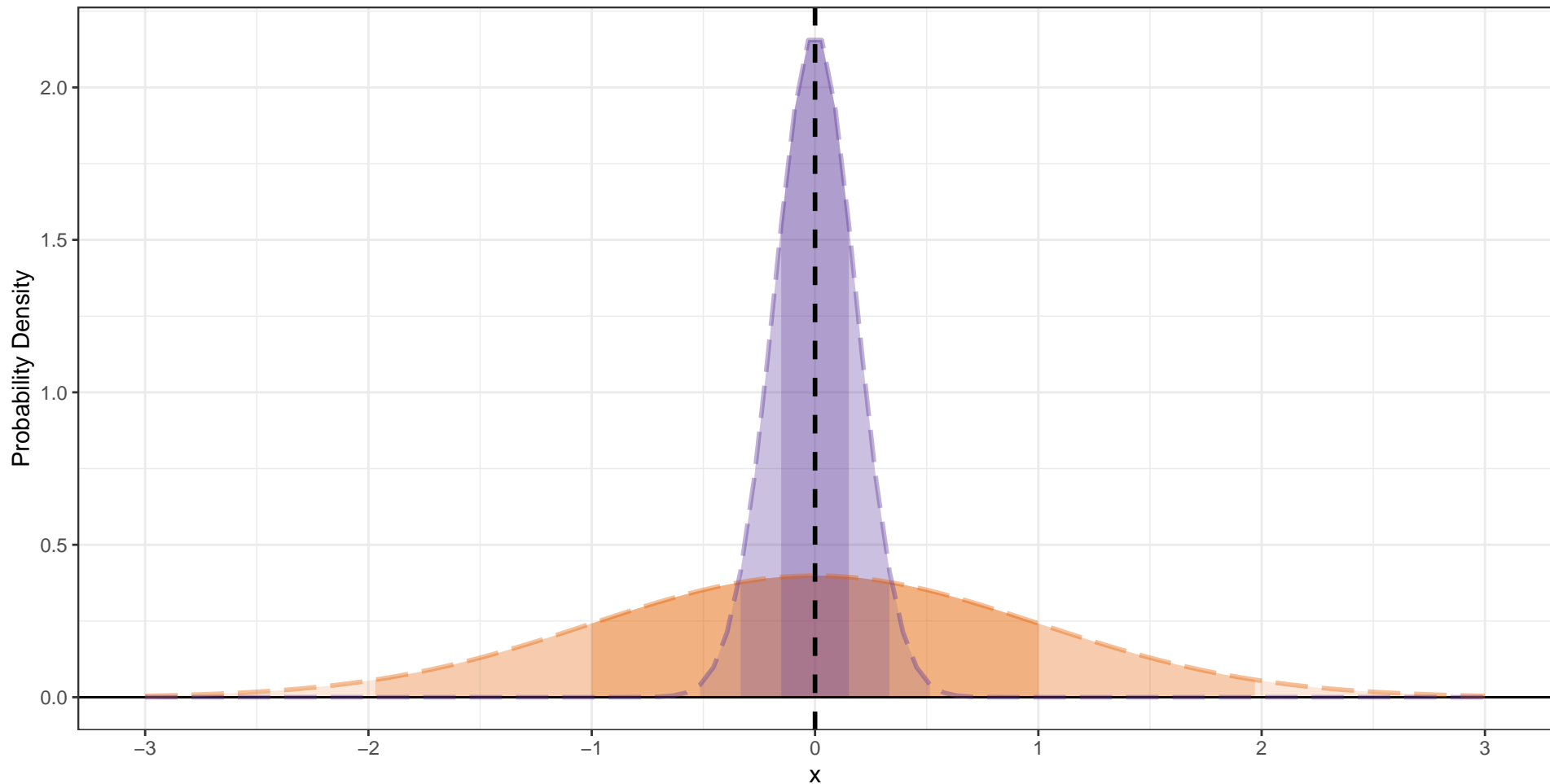


A Theoretical Normal Distribution  
& The Sampling Distribution of its Mean  
 $x \sim N(0, 1)$  in orange,  $\bar{x} \sim N(0, SE)$  in purple



The distribution of  $\bar{x}$  is narrower than the distribution of  $x$ .