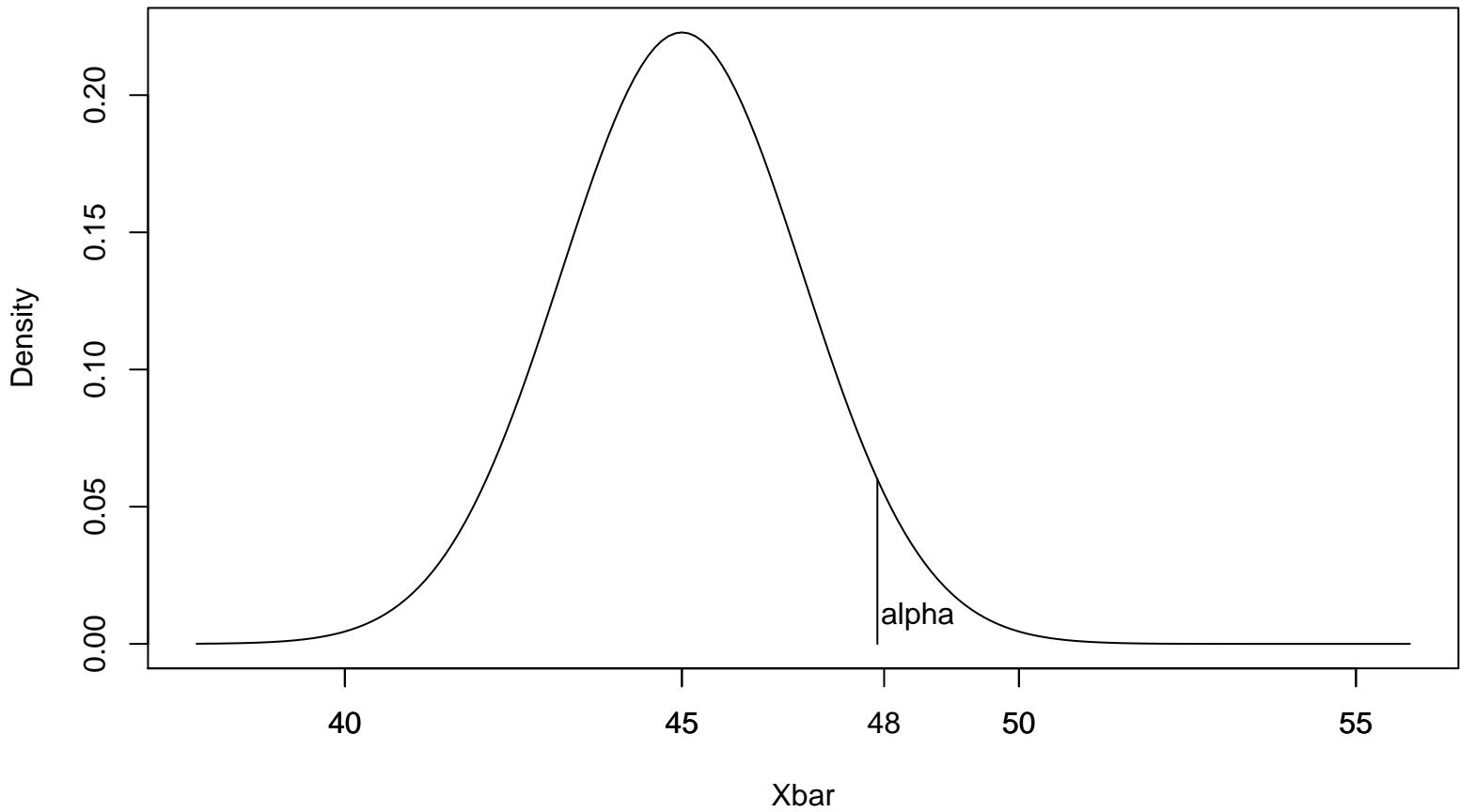


### Sampling distribution of $X_{\bar{}}$ under $H_0, \mu = 0$



### Sampling distribution of $X_{\bar{}}$ under $H_A, \mu = 50$

