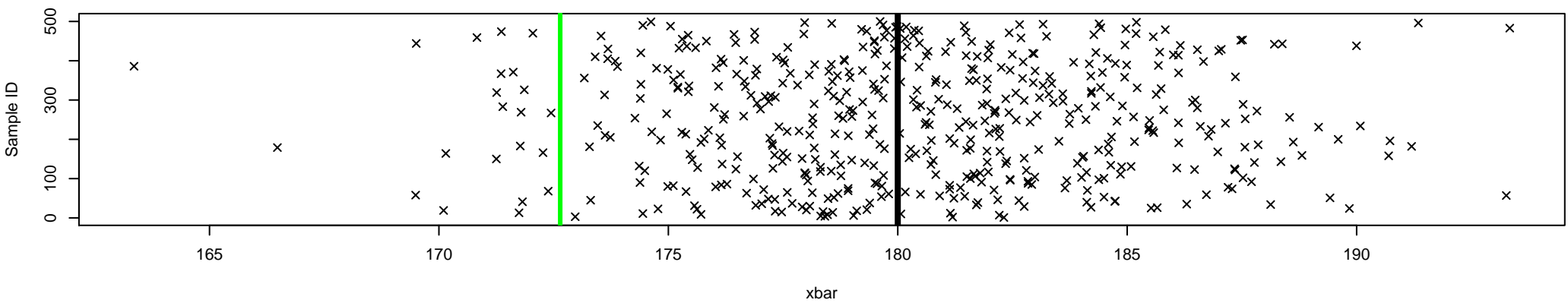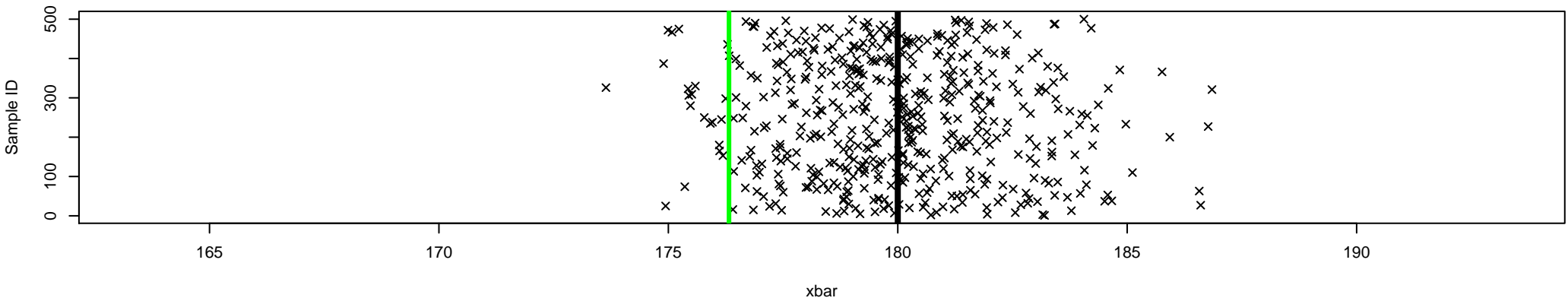**Population Distribution when H0: mu = 180 is true**

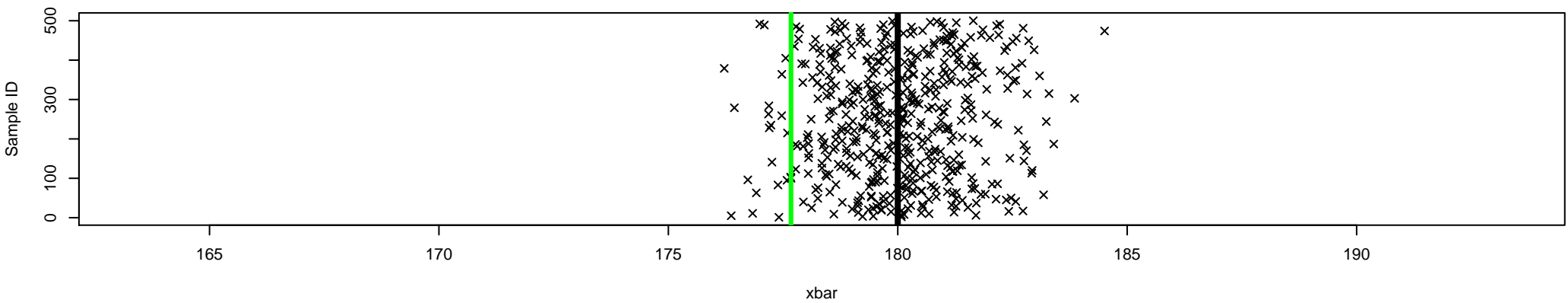Frequency

X
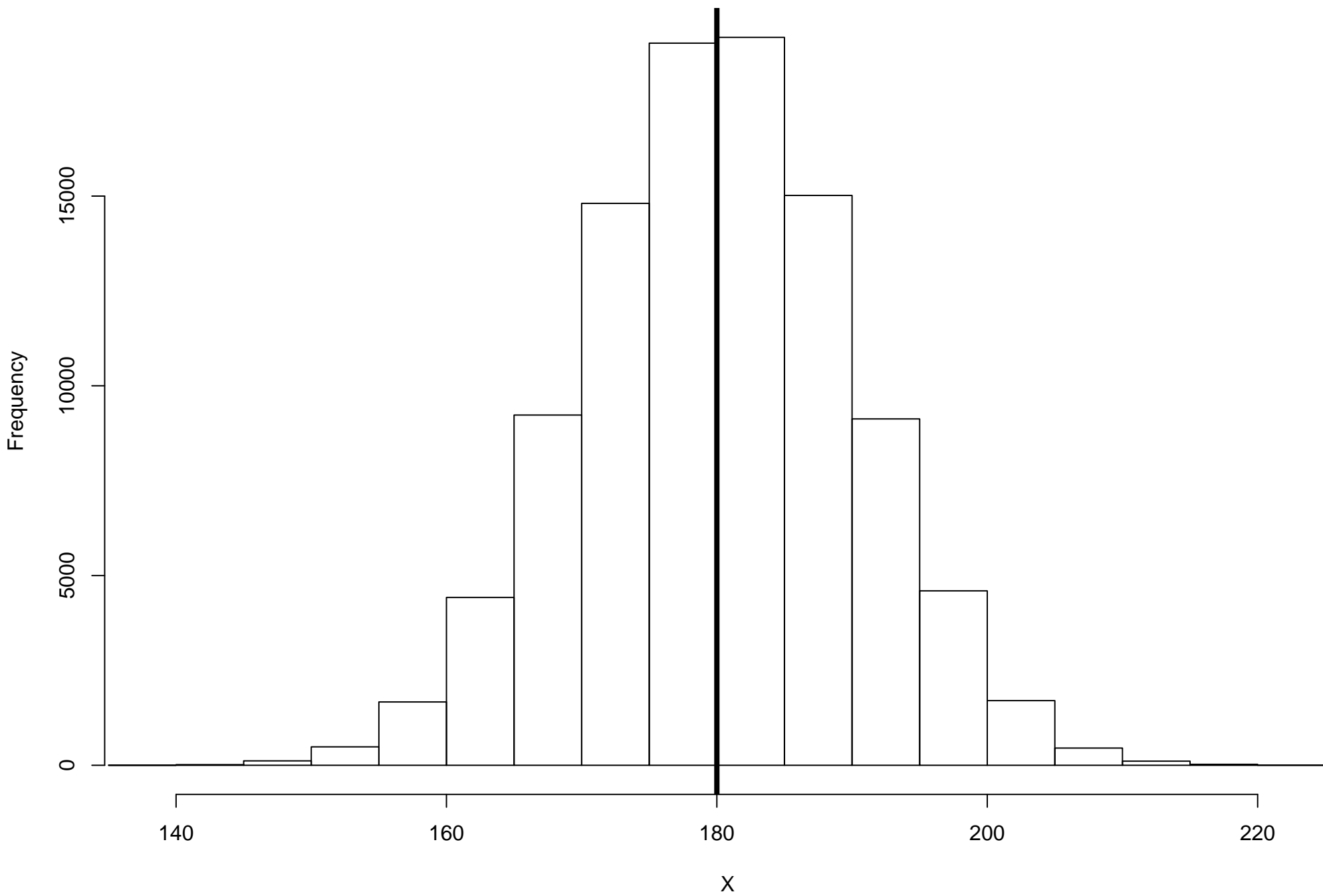
**Distribution of xbar of n = 5 observations given H0: mu = 180.00**

**Distribution of xbar of n = 20 observations given H0: mu = 180.00**

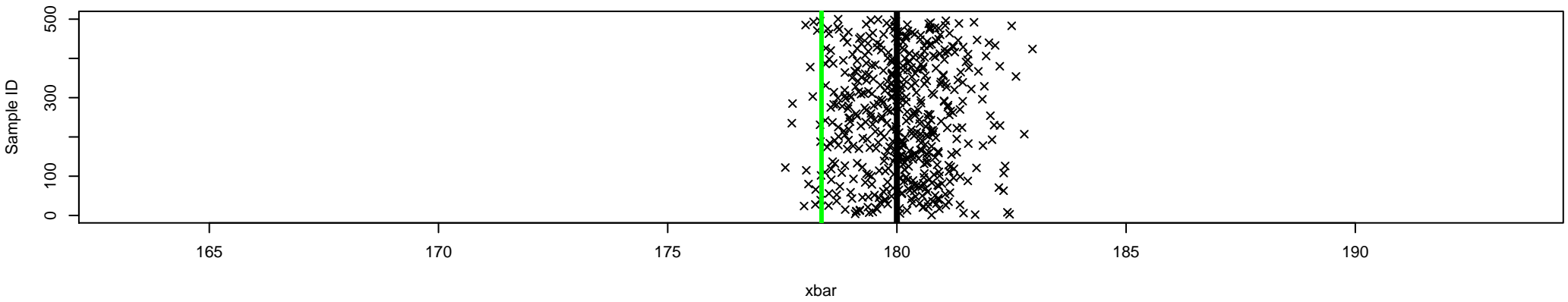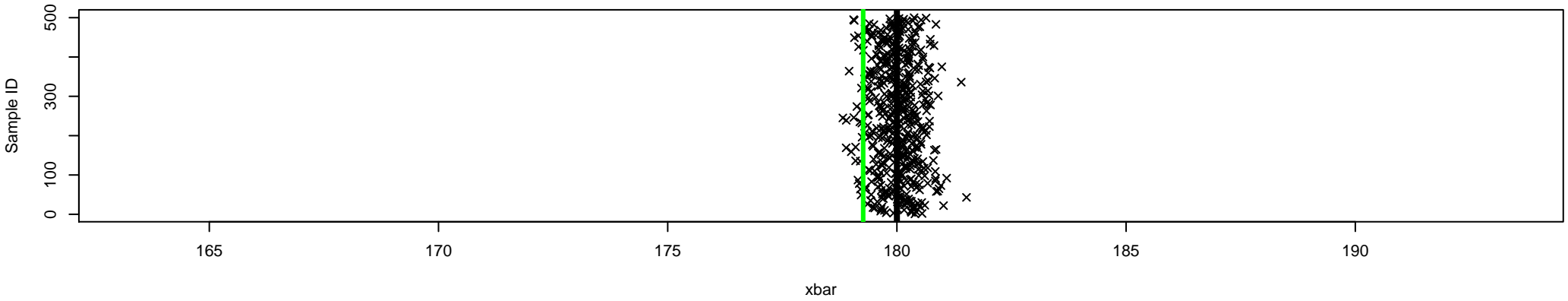**Distribution of xbar of n = 50 observations given H0: mu = 180.00**

**Distribution of xbar of n = 100 observations given H0: mu = 180.00**

**Distribution of xbar of n = 500 observations given H0: mu = 180.00**

**Distribution of xbar of n = 1000 observations given H0: mu = 180.00**