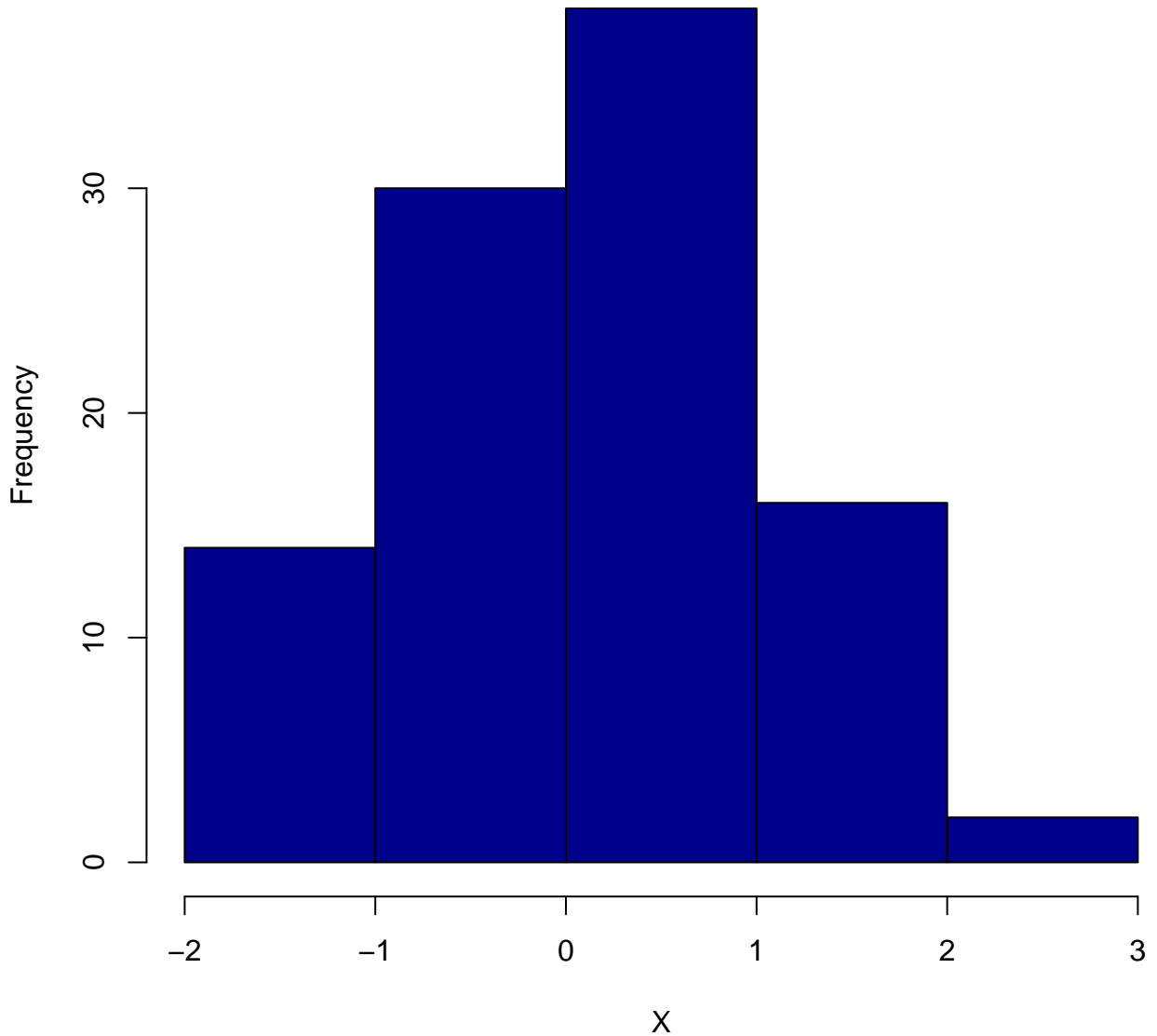


**Normal Distribution( $Z_1$ ) for  $n = 100$**

**Mean = 0.0753587699400436**

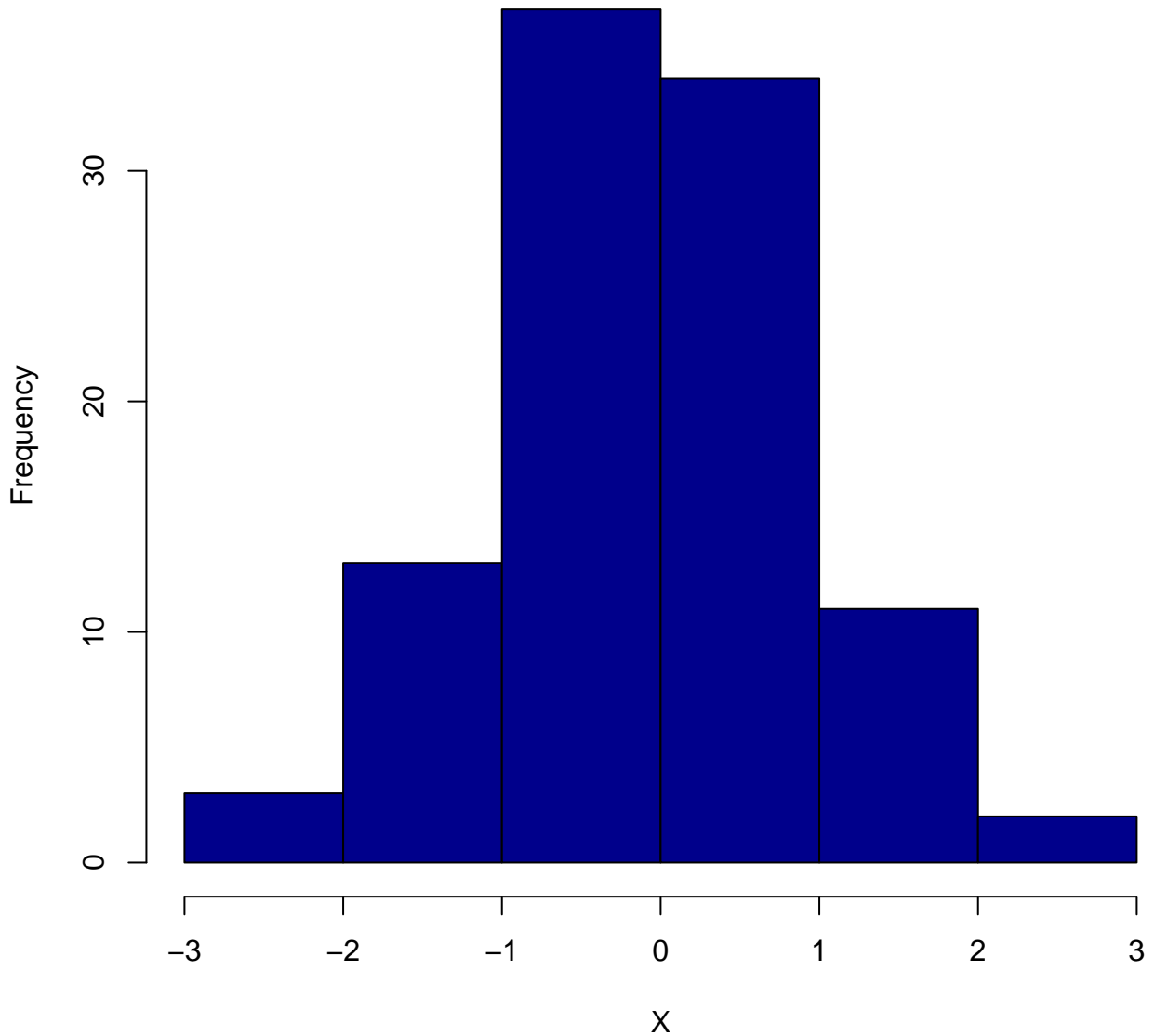
**Variance = 0.915218742748114**



**Normal Distribution( $Z^2$ ) for  $n = 100$**

**Mean =  $-0.0733308661050172$**

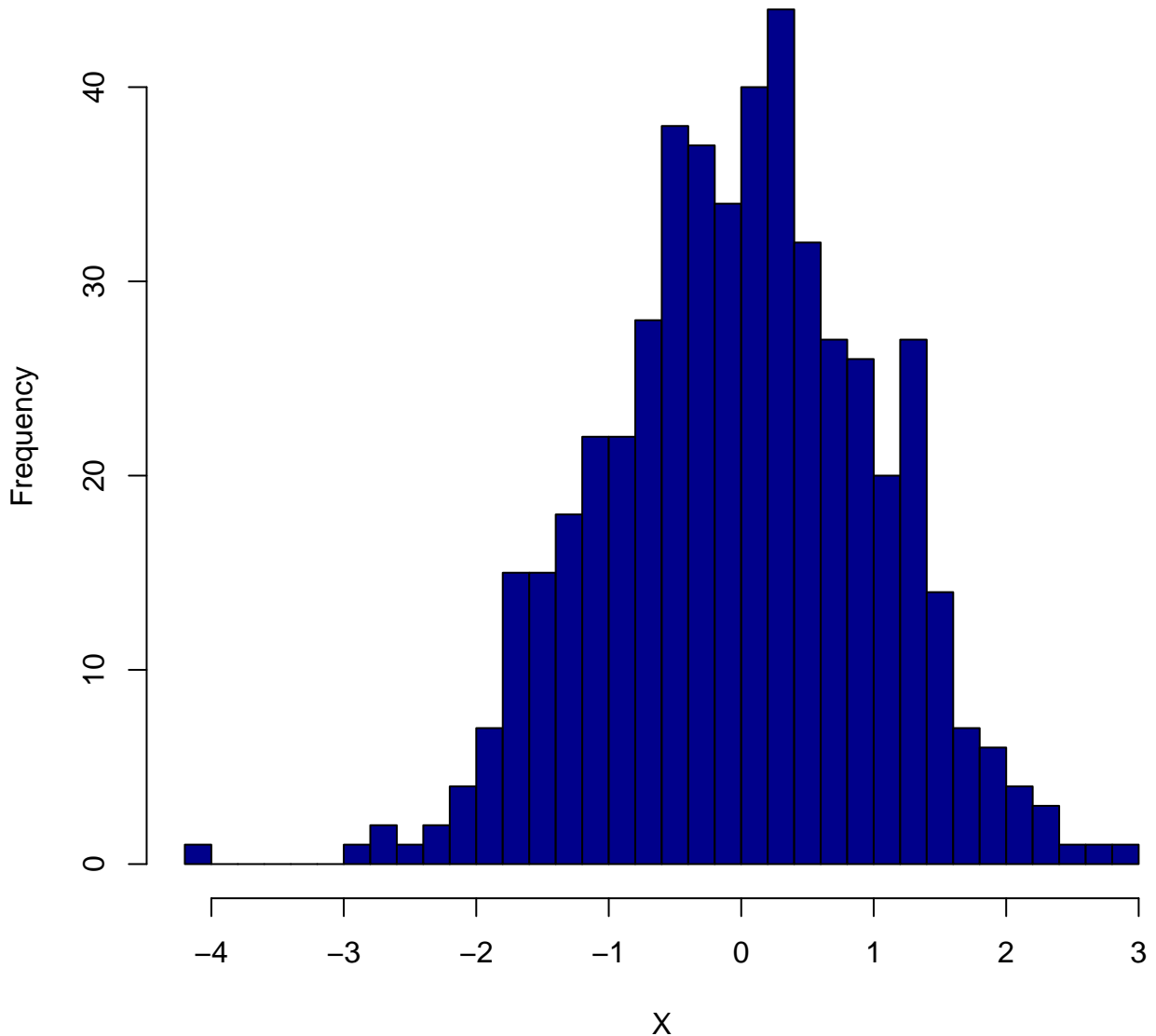
**Variance =  $0.865673950030747$**



**Normal Distribution(Z1) for n = 500**

**Mean =  $-0.0184728625729065$**

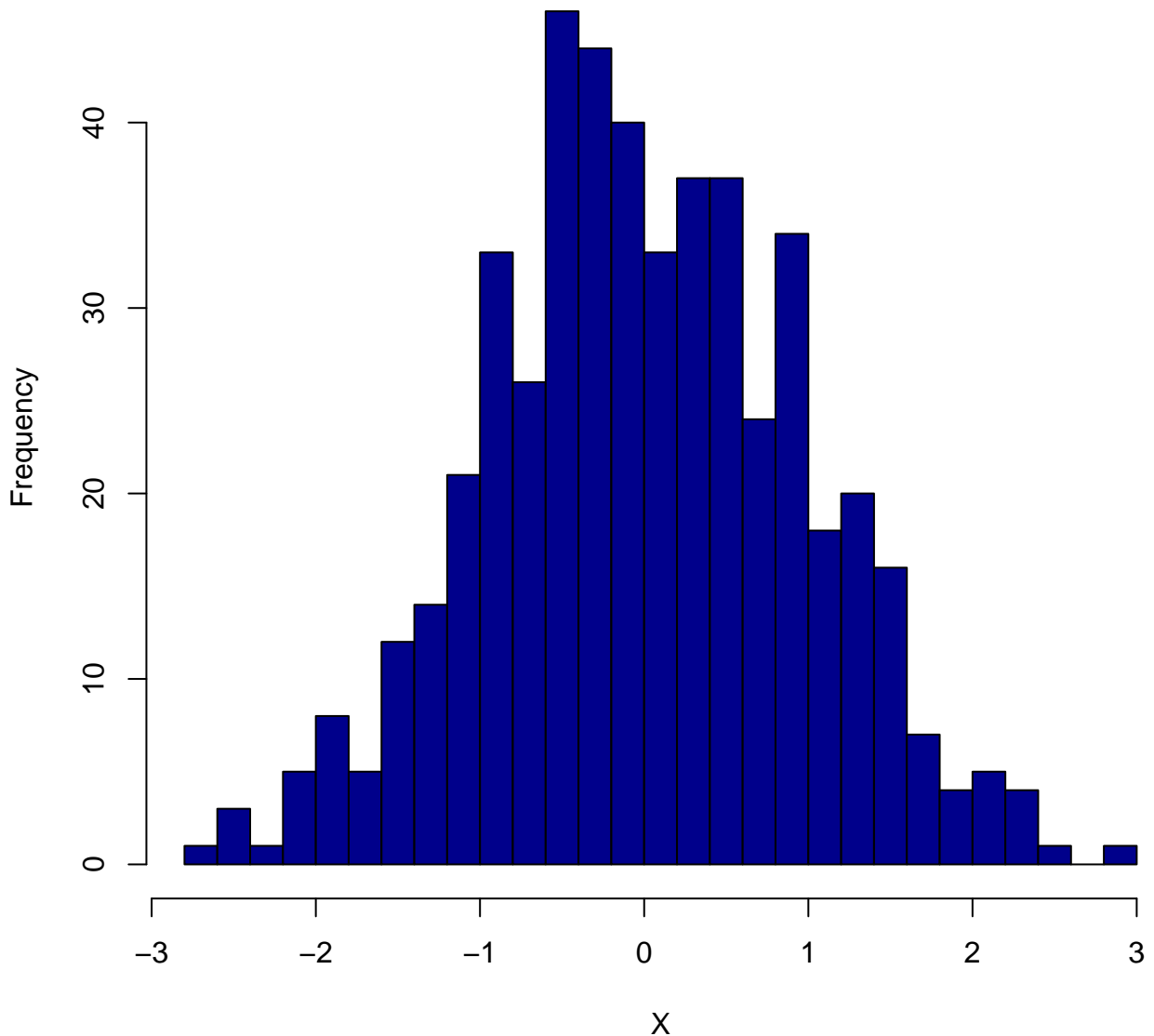
**Variance =  $1.03965175042162$**



**Normal Distribution( $Z^2$ ) for  $n = 500$**

**Mean =  $-0.00125088443132966$**

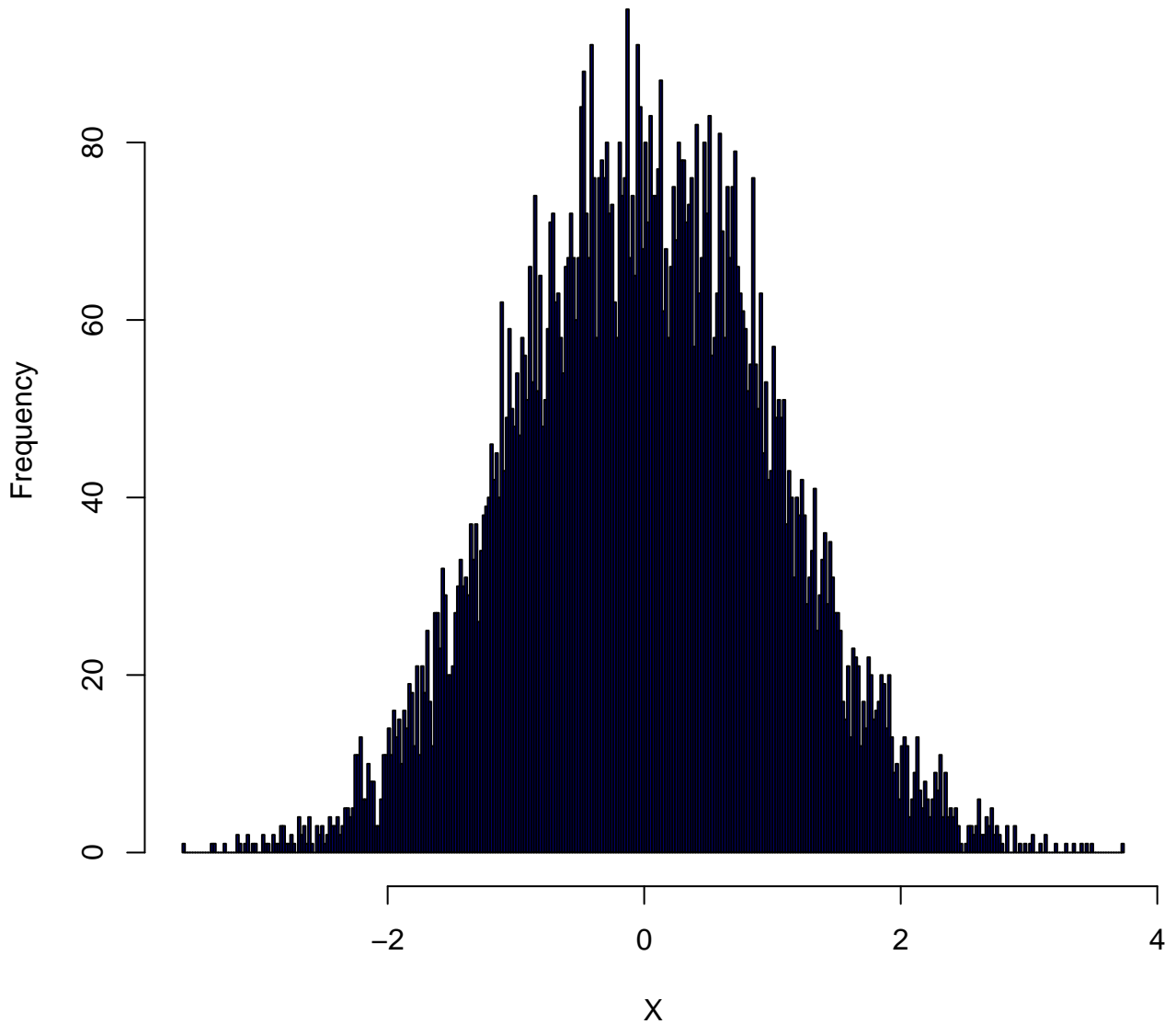
**Variance =  $0.924522405611687$**



**Normal Distribution( $Z_1$ ) for  $n = 10000$**

**Mean =  $-0.0022399250061326$**

**Variance =  $1.00387868997421$**



**Normal Distribution( $Z_2$ ) for  $n = 10000$**

**Mean = 0.0051142922832129**

**Variance = 0.999543702858968**

