



variance also called deviation

deviation

Bet on #7 
$$\times \sim 5$$
 \$35 wp 38  $\times \times = -4.053$ 

ETXB] = -\$.053 Bet on Black tmore concentracted

$$Var[X] = (35 - (-.053)) \cdot \frac{1}{38} + (-(-1) - (-.053)) \cdot \frac{37}{38} = 33.2078^{2}$$

$$Var[X] = (1 - (-.053)) \cdot \frac{1}{38} + (-(-1) - (-.053)) \cdot \frac{27}{30} = 0.997 \$^{2}$$

$$Var[X] = (1-(-.063)) \cdot 38 + (-(-1)-(-.053)) \cdot 38 = 0.7110$$
  
 $Var[X_7] = $5.79$   $Var[X_8] = $1.00$ 

1> Standard error or Standard deviation.

$$SE[X] = Var[X]$$

$$L \Rightarrow Standard error or Standard deviation.$$

$$X_{1} = -\$0.053$$

$$Va = -\$0.053 \Rightarrow (-faster)$$

XB =- \$0.053 > (faster)