

Sample mean:

$$CV = \frac{\sigma}{\mu}$$

Coefficient of variation:

$$\bar{x} = \frac{\sum x}{n}$$

$$z = \frac{x - \mu}{\sigma}$$

$$\mu = \frac{\sum x}{N}$$

Interquartile range:

Range:

Lower outlier boundary:

Population variance:

$$L_1 = 1.5 IQR$$

$$\sigma^2 = \frac{\sum (x - \mu)^2}{N}$$

Upper outlier boundary:

Sample variance:

Probability of A or B = P(A) + P(B) = P(A and B)

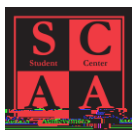
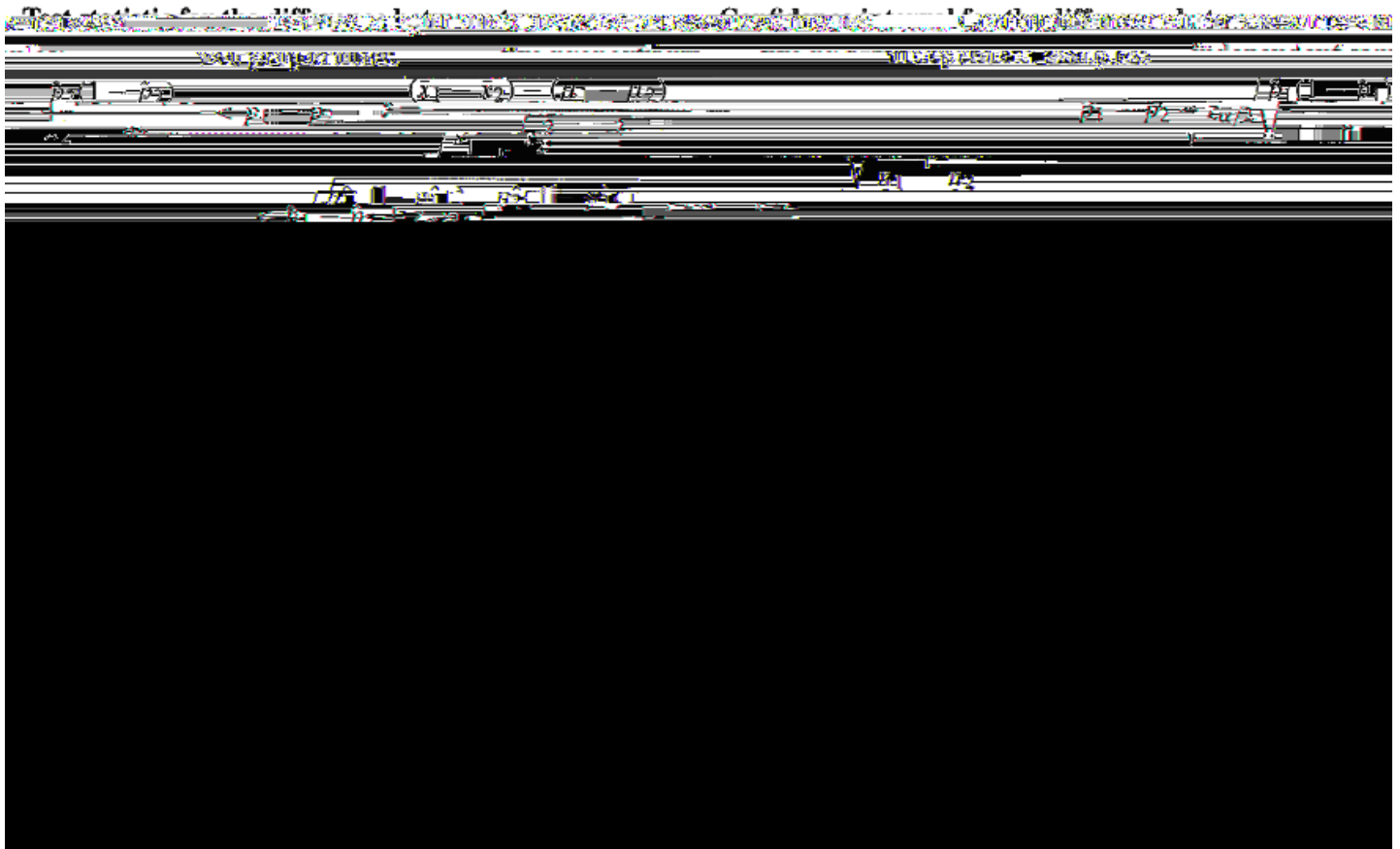
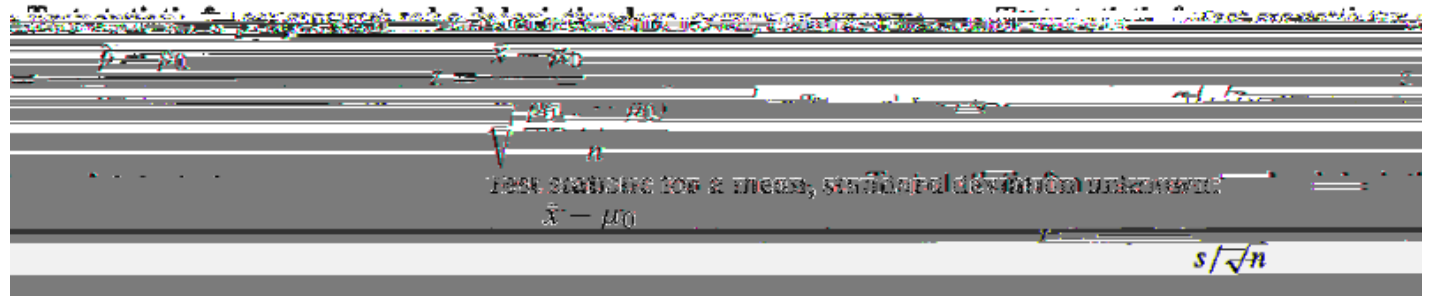
$$P(B|A) = \frac{P(A \cap B)}{P(A)}$$

$P(A \text{ or } B) = P(A) + P(B) - P(A \cap B)$
 $P(A \text{ or } B) = P(A) + P(B)$
 $P(A \text{ or } B) = P(A) + P(B)$
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(510) 885-3674
www.csueastbay.edu/scaa
scaa@csueastbay.edu





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www.csueastbay.edu/scaa
scaa@csueastbay.edu

CALIFORNIA STATE
 UNIVERSITY EAST BAY

