

Effect Size

GPA Score 4 vs. 3 ----- 1 point difference

SAT Score 501 vs. 500 ----- 1 point difference

$$ES = \frac{\bar{X}_1 - \bar{X}_2}{SD} \quad (\text{Cohen's } d)$$

$$\text{GPA Score: } \frac{4 - 3}{.4} = 2.5 \quad \text{SAT Score: } \frac{501 - 500}{100} = .01$$

.20 → Small, .50 → Medium, .80 → Large

APA Manual (5th Ed) Failure to report effect size = a defect