

Related samples answers (difference scores = X2-X1)

1. In a study of Hmong refugees (rounding may differ a little).

$$t_{\text{crit}} = 1.796$$

$$t_{\text{obs}} = 2.40$$

$$t(11) = 2.40, p < .05.$$

$$CI_{95} = .29 \text{ to } 6.05$$

$$d = .69$$

2. In a study of attraction to speakers (rounding)

$$t_{\text{crit}} = 1.895$$

$$t_{\text{obs}} = -.585$$

$$t(7) = -.585, p > .05.$$

$$CI_{95} = -3.16 \text{ to } 1.91$$

$$d = .21$$

3. In a study of distress scores after meeting with Bryan

$$t_{\text{crit}} = 1.86$$

$$t_{\text{obs}} = 3.92$$

$$t(8) = 3.92, p < .05$$

$$CI_{90} = 1.51 \text{ to } 4.25$$

$$d = 1.31$$