

Related samples answers (difference scores = X1-X2)

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

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

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

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

$$CI_{95} = -6.047 \text{ to } -.287$$

$$d = .69$$

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

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

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

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

$$CI_{95} = -1.905 \text{ to } 3.155$$

$$d = .21$$

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

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

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

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

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

$$d = 1.31$$