EVAL 6970: Meta-Analysis
Homework #3: Computing effect sizes, variances, standard errors, and confidence intervals

For this assignment, you (or your small group) will—using the study data entered into your data base for Homework #2—compute the (appropriate) effect sizes (e.g., OR, RR, *d*, *g*, *r*), variances, standard errors, and 95% confidence intervals (i.e., LL, UL) corresponding to your focal research question from Homework #1. Make certain to show the information used to calculate all effect sizes and subsidiary statistics (e.g., means, standard deviations, sample sizes, number of events, correlations). Make certain that all effect sizes are in a consistent direction. Complete and submit this assignment in Microsoft Excel with formulas in the appropriate cells for all calculations. If necessary, and so that all effect sizes are in the same metric, also show your work for converting among effect sizes (e.g., from OR to *d*, from *r* to *d*).

The assignment will be graded against the following criterion:

- ▪ Correctness of all calculations (100%)