Beginning Summary:...

META-ANALYSIS FILE DETAILS
Database File: C:\Program Files\ClinTools\Effect Size Generator\Example-Meta-Analysis-Database.met

Date of Analysis: 07/08/2006
Time of Analysis: 22:36:35

Number of Records included in database: 5

This Analysis Was Conducted On The Following Assessment Device: None Specified

SAMPLE SIZES
Mean Total N: 194.50000
Mean Total N Based On 4 Studies
Minimum Total N: 48.00000
Maximum Total N: 430.00000
Total N (All Studies Together; Assumes Independent Samples): 778.00000

EXPERIMENTAL GROUP MEAN & SD
Exp Group / Group 1 Mean: 30.75000
Exp Group / Group 1 Mean Based On: 4 Studies
Exp Group / Group 1 Minimum: 16.00000
Exp Group / Group 1 Maximum: 45.00000
Exp Group / Group 1 Mean Standard Deviation: 8.57500
Exp Group / Group 1 Mean Standard Deviation Based On: 4 Studies
Exp Group / Group 1 Minimum Standard Deviation: 7.00000
Exp Group / Group 1 Maximum Standard Deviation: 9.10000

CONTROL GROUP MEAN & SD
Control Group / Group 2 Mean: 21.50000
Control Group / Group 2 Mean Based On: 4 Studies
Control Group / Group 2 Minimum: 5.00000
Control Group / Group 2 Maximum: 36.00000
Control Group / Group 2 Mean Standard Deviation: 7.92500
Control Group / Group 2 Mean Standard Deviation Based On: 4 Studies
Control Group / Group 2 Minimum Standard Deviation: 5.00000
Control Group / Group 2 Maximum Standard Deviation: 8.90000

SD USED FOR COHEN'S D CALCULATIONS
Mean Sigma (SD Used) for Individual Cohen's d Calculations: 8.27111
Mean Sigma (SD Used) for Individual Cohen's d Calculations Based On: 4 Studies
Minimum Sigma (SD Used) for Individual Cohen's d Calculations: 6.08276
Maximum Sigma (SD Used) for Individual Cohen's d Calculations: 9.00056

MEAN DIFFERENCES BETWEEN GROUPS
Average Mean Difference: 9.25000
Average Mean Difference Based On: 4 Studies
Minimum Mean Difference: 7.00000
Maximum Mean Difference: 11.00000

Z STATISTICS (NORMAL PROBABILITY STATISTIC)
Mean Z Statistic: 7.0801075
Sum Of Z Statistics: 28.32043
Z Statistics Based On: 4 Studies

UNWEIGHTED COHEN'S D STATISTICS
Mean Cohen's d: 1.16095
Standard Deviation Of Mean Cohen's d: 0.36962

Mean Cohen's d Based On 4 Studies:
   Cum & Gedit (2005) where Cohen's d = 1.64399
   Foa & Tolin (2005) where Cohen's d = 1.22215
   Fortnum & Mason (2005) where Cohen's d = 0.77773
   Smith & Jones (2005) where Cohen's d = 0.99994
Minimum Cohen's d: 0.77773
Maximum Cohen's d: 1.64399
Mean Cohen's d -95% Confidence Interval: 0.77150
Mean Cohen's d -95% Confidence Interval Based On: 4 Studies
Minimum Cohen's d -95% Confidence Interval: 0.49026
Maximum Cohen's d -95% Confidence Interval: 1.19058
Mean Cohen's d +95% Confidence Interval: 1.55040
Mean Cohen's d +95% Confidence Interval Based On: 4 Studies
Minimum Cohen's d +95% Confidence Interval: 1.06520
Maximum Cohen's d +95% Confidence Interval: 2.09740

WEIGHTED (BY TOTAL STUDY N) COHEN'S D STATISTICS
Weighted Mean Cohen's d: 1.03931
Weighted Mean Cohen's d Based On: 778 Participants
Weighted Mean Cohen's d Based On 4 Studies:
   Cum & Gedit (2005) where: Cohen's d = 1.64399; N = 100; Weighting = 12.85347%
   Foa & Tolin (2005) where: Cohen's d = 1.22215; N = 48; Weighting = 6.16967%
   Fortnum & Mason (2005) where: Cohen's d = 0.77773; N = 200; Weighting = 25.70694%
   Smith & Jones (2005) where: Cohen's d = 0.99994; N = 430; Weighting = 55.26992%
Sum Of Mean Cohen's d Effect Sizes Used For Weighting: 4.64381
Standard Deviation Of Weighted Mean Cohen's d : 0.25999
Formula For Standard Deviation Of Weighted Mean: (Sum (weighti(di - weighted mean d)^2)) / (sum weights - 1)
Weighted Mean Cohen's d -95% Confidence Interval: 0.52974
Weighted Mean Cohen's d +95% Confidence Interval: 1.54888

UNWEIGHTED HEDGES' G STATISTICS
Mean Hedges' g: 1.15155
Standard Deviation Of Mean Hedges' g: 0.36439
Mean Hedges' g Based On 4 Studies:
   Cum & Gedit (2005) where Hedges' g = 1.63138
   Foa & Tolin (2005) where Hedges' g = 1.20211
   Fortnum & Mason (2005) where Hedges' g = 0.77478
   Smith & Jones (2005) where Hedges' g = 0.99793
Mean Hedges' g -95% Confidence Interval: 0.76275
Mean Hedges' g -95% Confidence Interval Based On: 4 Studies
Mean Hedges' g +95% Confidence Interval: 1.54036
Mean Hedges' g +95% Confidence Interval Based On: 4 Studies
Mean Sigma (SD Used) For Individual Hedges' g Calculations: 8.27169
Mean Sigma (SD Used) For Individual Hedges' g Calculations Based On: 4 Studies

WEIGHTED HEDGES' G STATISTICS (BY TOTAL STUDY N)
Weighted Mean Hedges' g: 1.03458
Weighted Mean Hedges' g Based On: 778 Participants
Weighted Mean Hedges' g Based On 4 Studies:
   Cum & Gedit (2005) where: Hedges' g = 1.63138; N = 100; Weighting = 12.85347%
   Foa & Tolin (2005) where: Hedges' g = 1.20211; N = 48; Weighting = 6.16967%
   Fortnum & Mason (2005) where: Hedges' g = 0.77478; N = 200; Weighting = 25.70694%
   Smith & Jones (2005) where: Hedges' g = 0.99793; N = 430; Weighting =

55.26992%
Sum Of Mean Hedges' g Effect Sizes Used For Weighting: 4.6062
Standard Deviation Of Weighted Mean Hedges' g: 0.2563
Formula For Standard Deviation Of Weighted Mean: (Sum (weighti(gi - weighted mean g)^2)) / (sum weights - 1)
Weighted Mean Hedges' g -95% Confidence Interval: 0.53223
Weighted Mean Hedges' g +95% Confidence Interval: 1.53693

FAIL-SAFE N GUIDE (ROSENTHAL, 1984)
Derived Fail-Safe N ((Sum Z)^2 / 2.706) - N): 292.4
'Reasonable' Fail-Safe N Rule Of Thumb For Unweighted Cohen's d Calculations (5K+10): 30 (See Rosenthall, 1984)
'Reasonable' Fail-Safe N Rule Of Thumb For Unweighted Hedges' g Calculations (5K+10): 30 (See Rosenthall, 1984)

FAIL-SAFE N - CRITERION D (ORWIN, 1983)
For Unweighted Cohen's D - Number Of Zero Effect Studies Needed To Reduce The Overall Effect Size to 0.2: 19.219
For Unweighted Cohen's D - Number Of Zero Effect Studies Needed To Reduce The Overall Effect Size to 0.5: 5.2876
For Unweighted Cohen's D - Number Of Zero Effect Studies Needed To Reduce The Overall Effect Size to 0.8: 1.80475
For Unweighted Hedges' G - Number Of Zero Effect Studies Needed To Reduce The Overall Effect Size to 0.2: 19.031
For Unweighted Hedges' G - Number Of Zero Effect Studies Needed To Reduce The Overall Effect Size to 0.5: 5.2124
For Unweighted Hedges' G - Number Of Zero Effect Studies Needed To Reduce The Overall Effect Size to 0.8: 1.75775