



Study	ES	[95% Conf. Interval]		% Weight
Robert R Redfield (2016)	1.171	1.046	1.312	9.98
Karim Marzouk (2013)	1.060	1.003	1.120	42.08
Manohar Reddy Mogulla (2019)	1.060	1.010	1.120	47.94
I-V pooled ES	1.071	1.033	1.110	100.00

Heterogeneity calculated by formula

$$Q = \sum_i \{ (1/\text{variance}_i) * (\text{effect}_i - \text{effect\_pooled})^2 \}$$

where  $\text{variance}_i = ((\text{upper limit} - \text{lower limit}) / (2 * z))^2$

Heterogeneity chi-squared = 2.67 (d.f. = 2) p = 0.263

I-squared (variation in ES attributable to heterogeneity) = 25.2%

Test of ES=1 : z= 3.74 p = 0.000