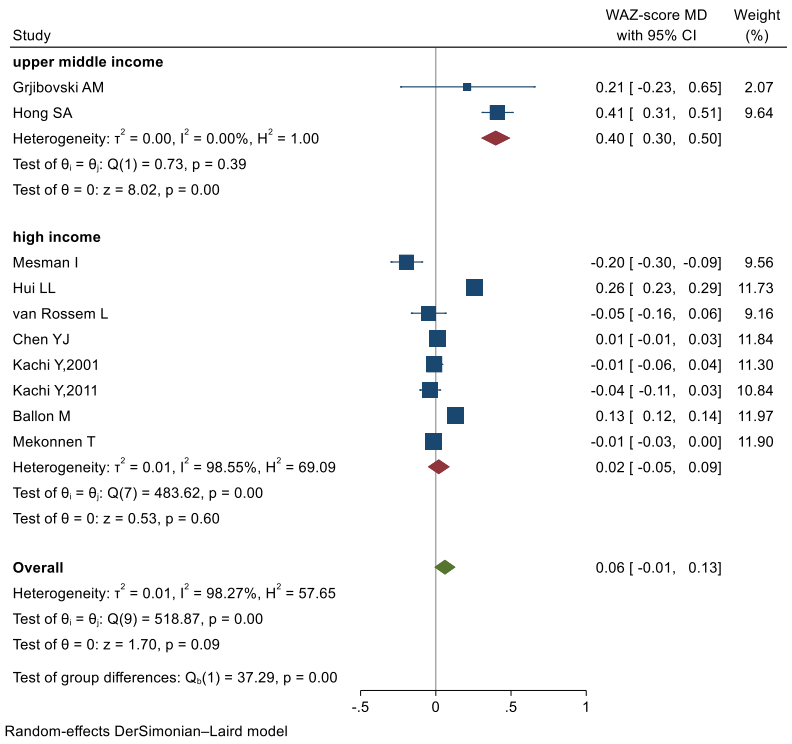
Supplementary 6. The subgroup analysis was performed by A. country income group, B. education status of the country, C. loss to follow-up rate and D. study quality, for evaluating the effect of high vs. low maternal education level on child weight for age z-score (WAZ); height for age z-score (HAZ) ; BMI for age z-scores (BMI Z-score); overweight and E.stunting. Mean difference (MD) and odds ratio (OR) were used as the effect sizes.

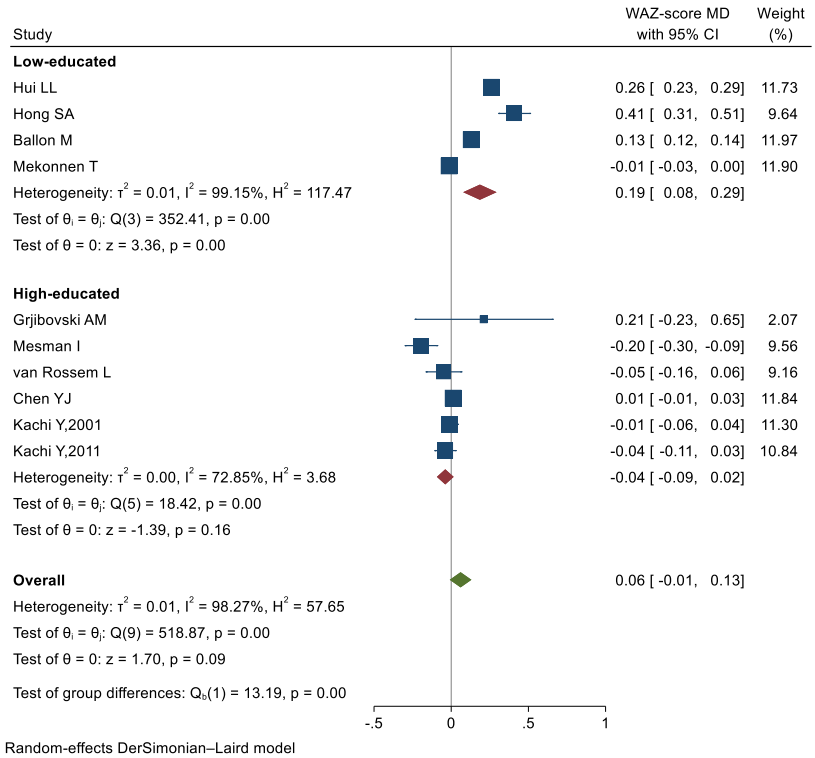
➢ WAZ

A



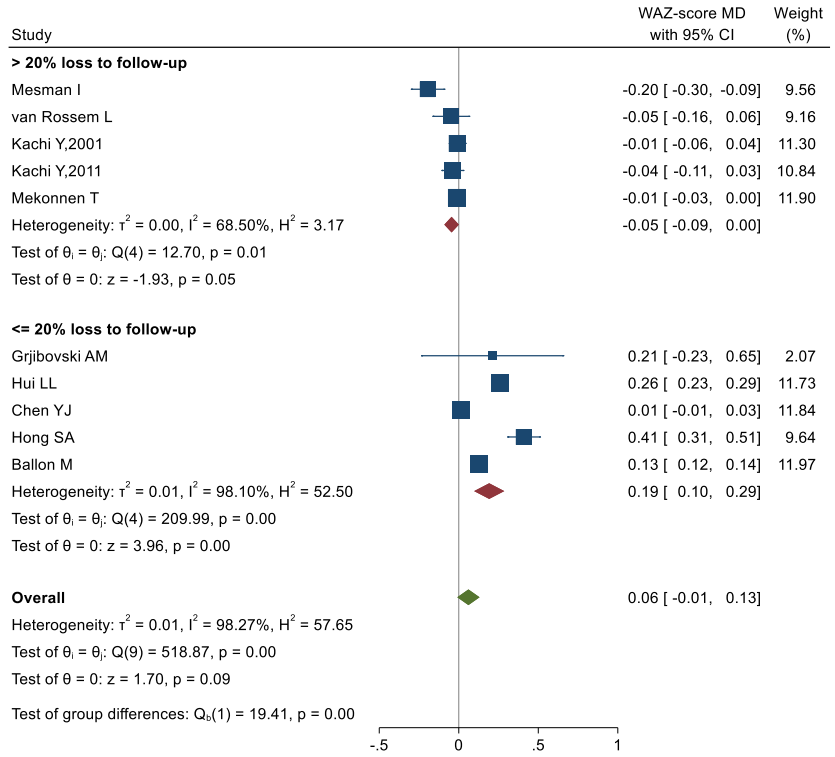
Random-effects DerSimonian–Laird model

B



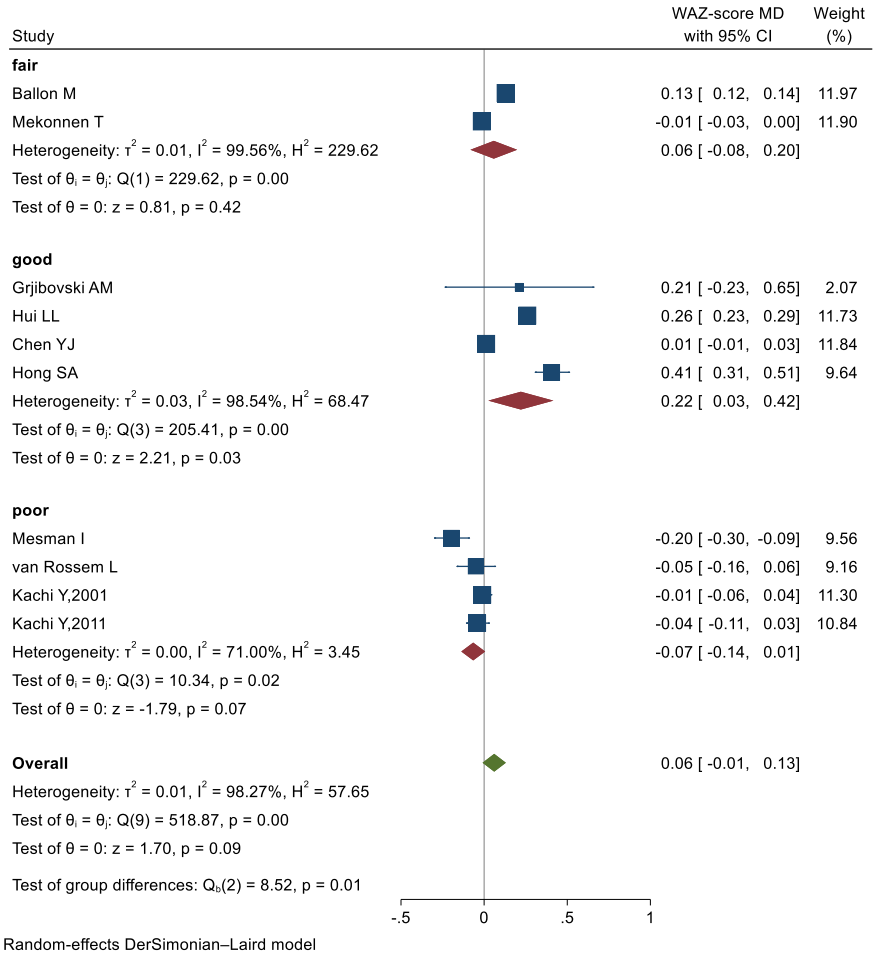
Random-effects DerSimonian–Laird model

C



Random-effects DerSimonian–Laird model

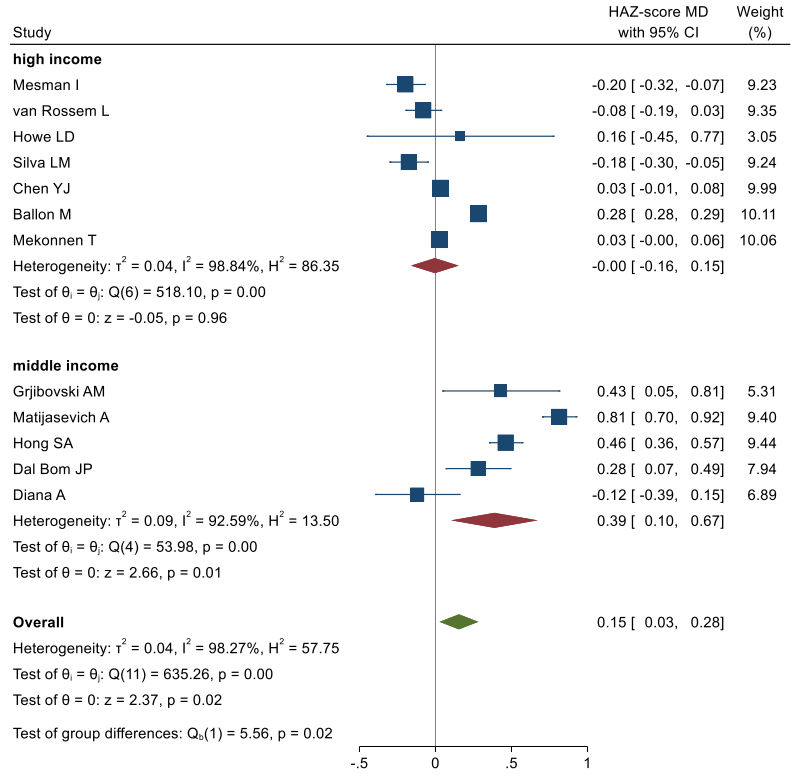
D



Random-effects DerSimonian–Laird model

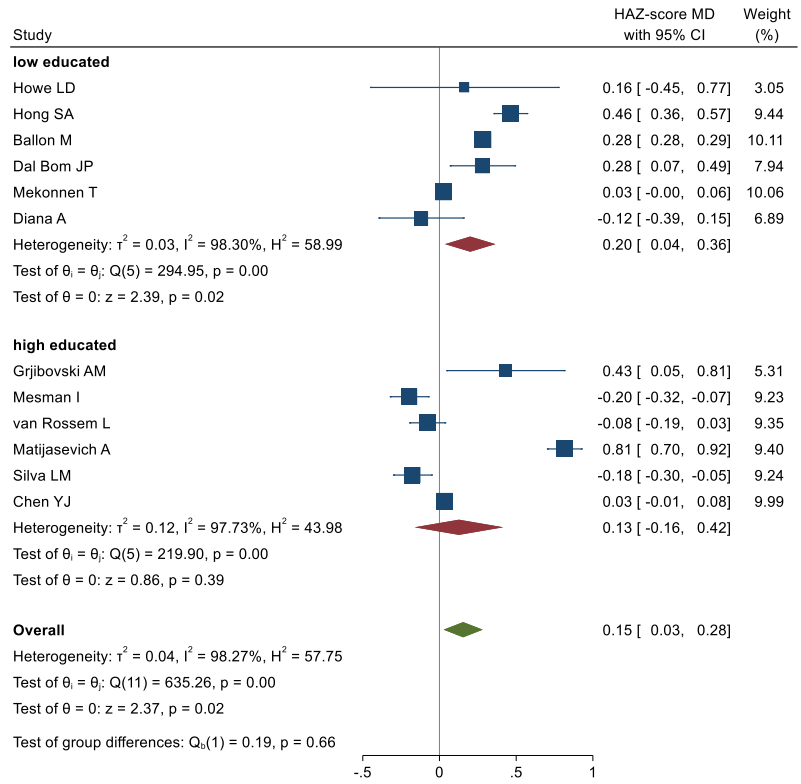
➢ HAZ

A



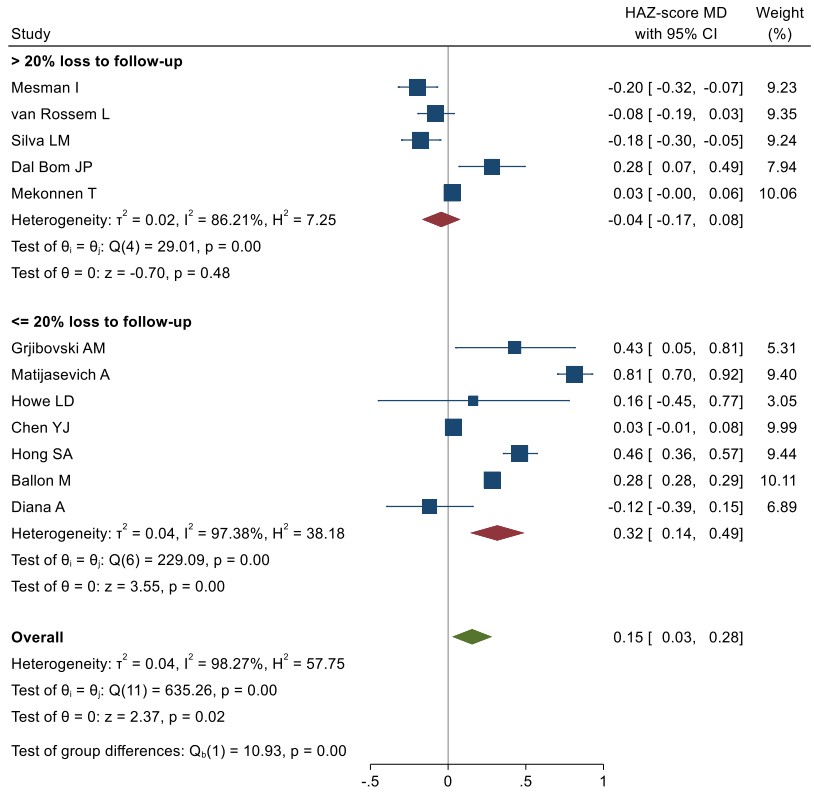
Random-effects DerSimonian–Laird model

B



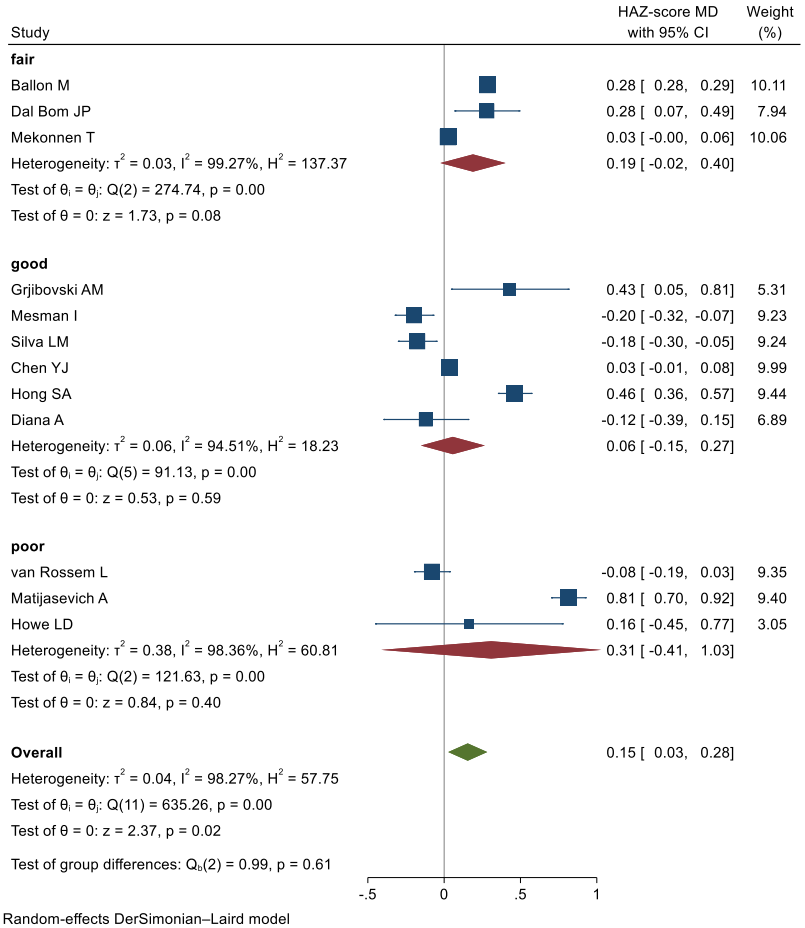
Random-effects DerSimonian–Laird model

C



Random-effects DerSimonian–Laird model

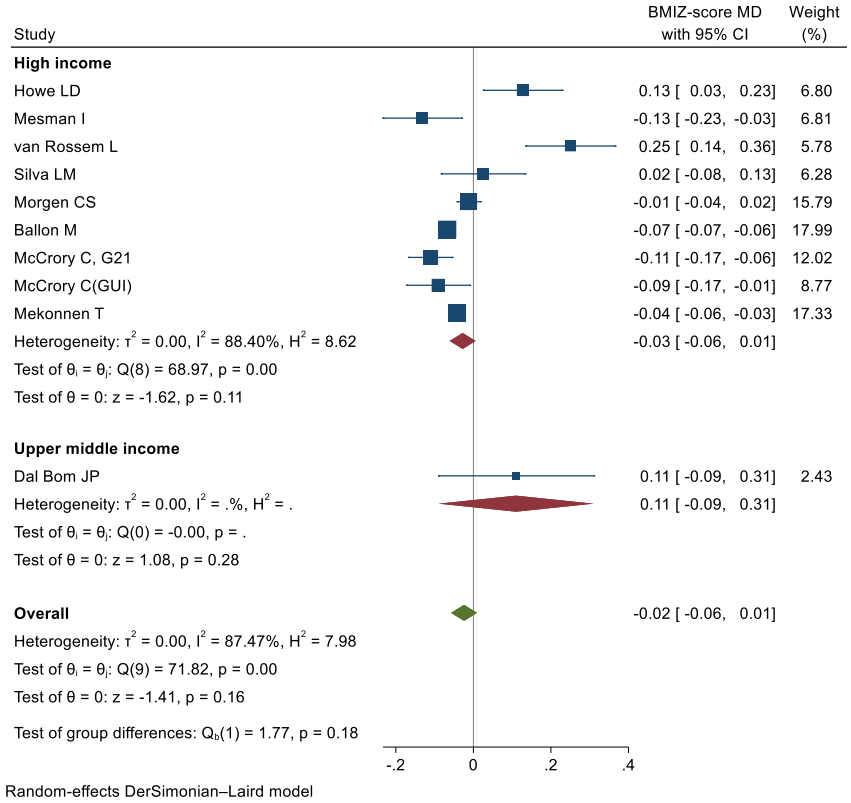
D



Random-effects DerSimonian–Laird model

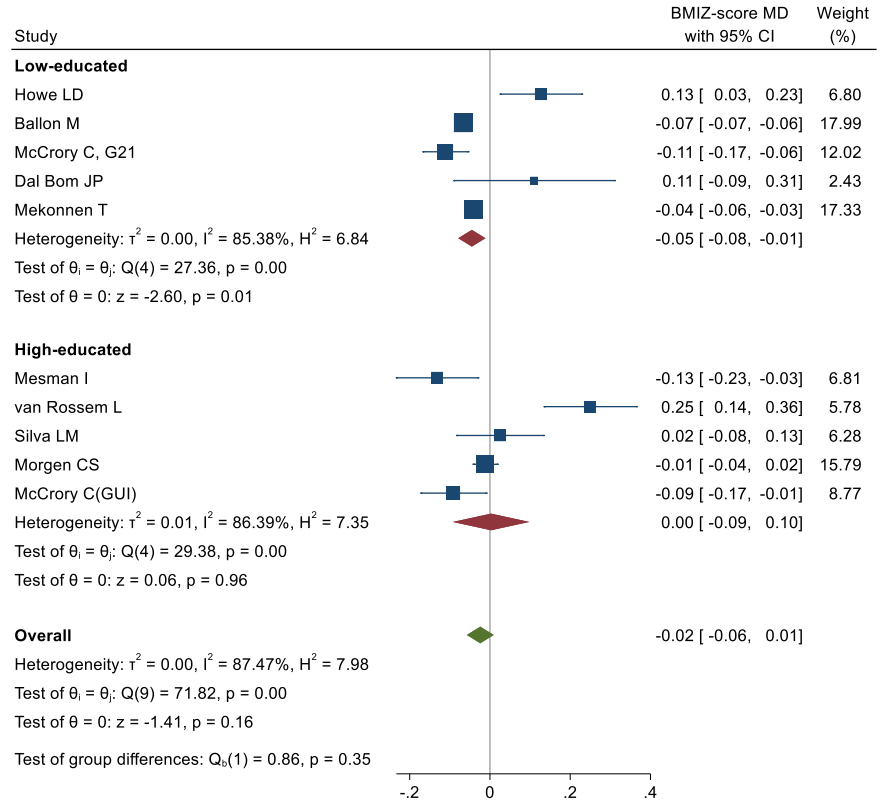
➢ BMI Z-score

A



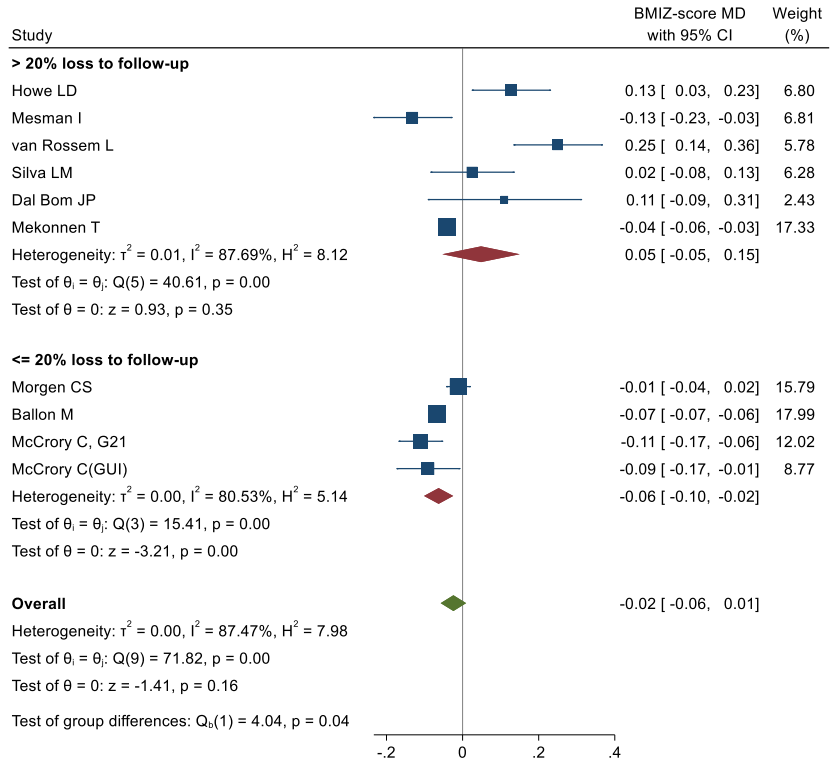
Random-effects DerSimonian–Laird model

B



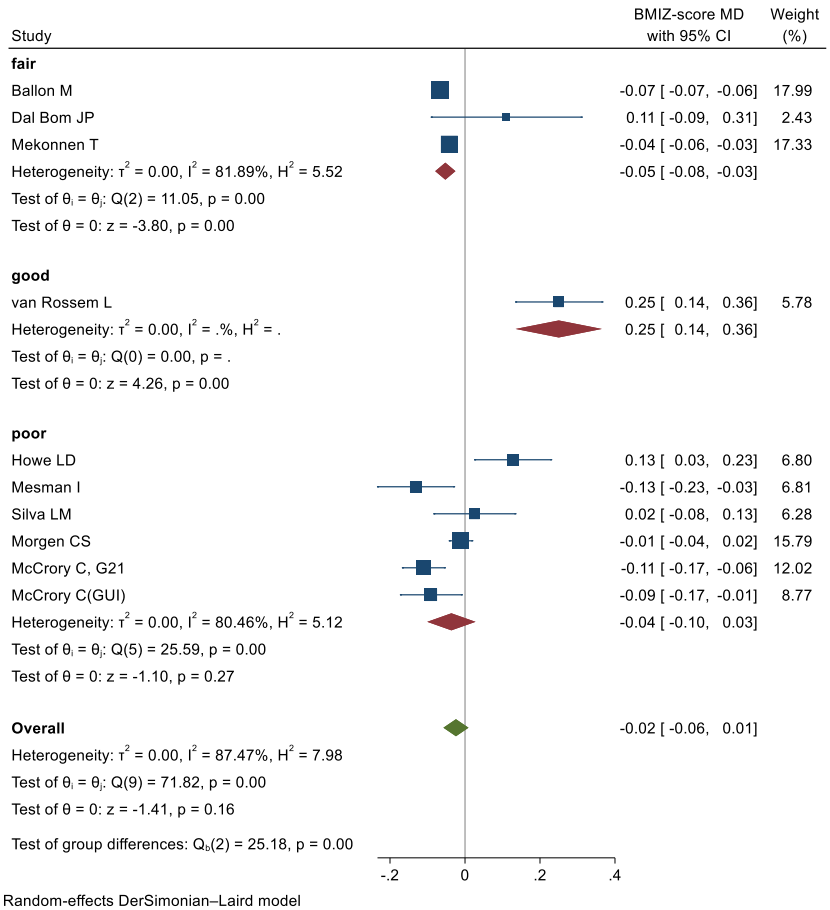
Random-effects DerSimonian–Laird model

C



Random-effects DerSimonian–Laird model

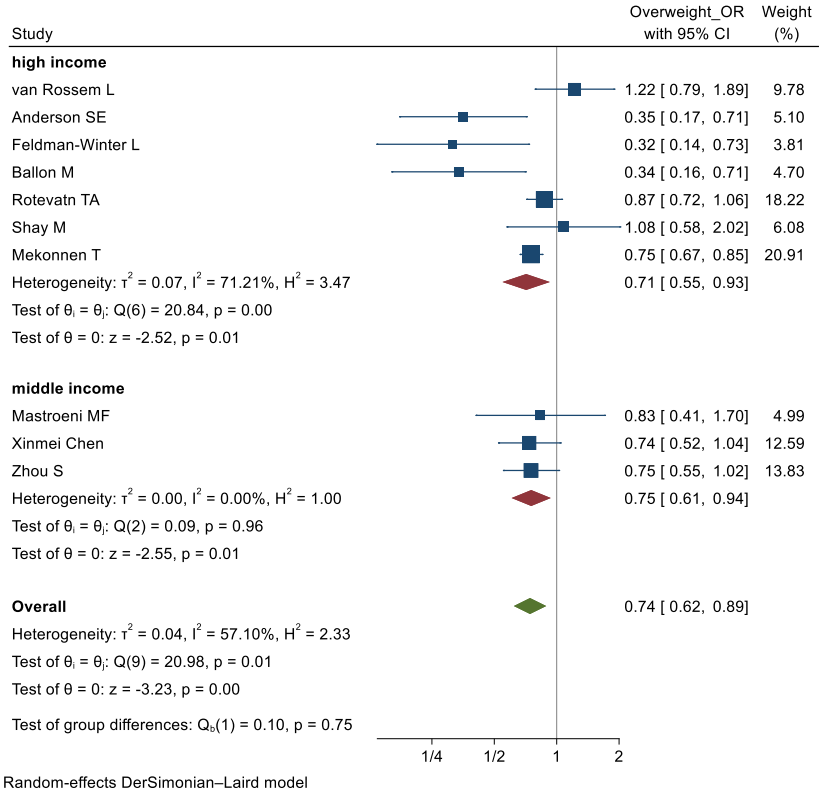
D



Random-effects DerSimonian–Laird model

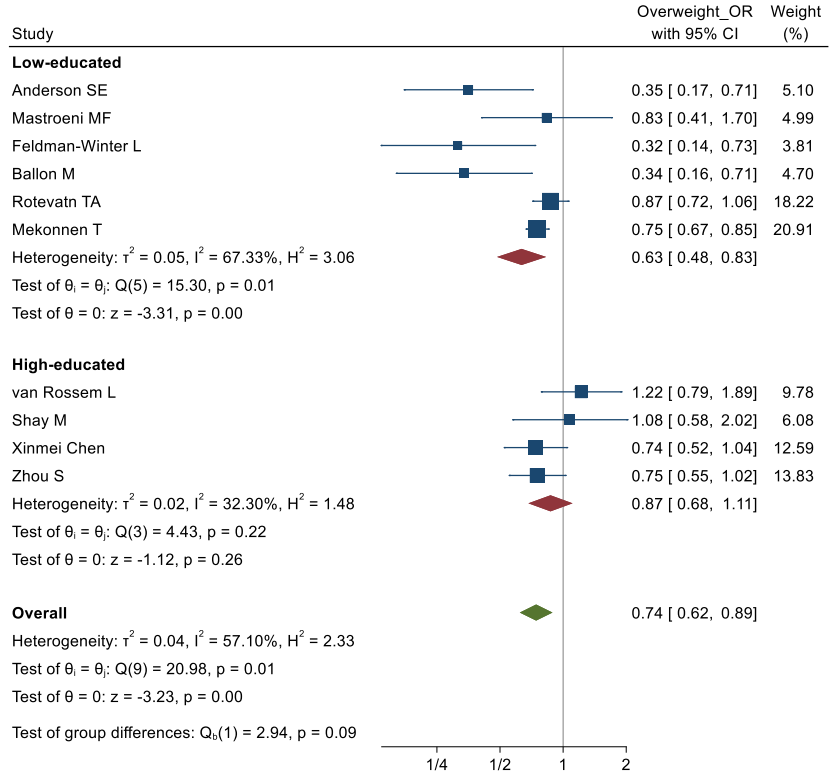
➢ Overweight

A



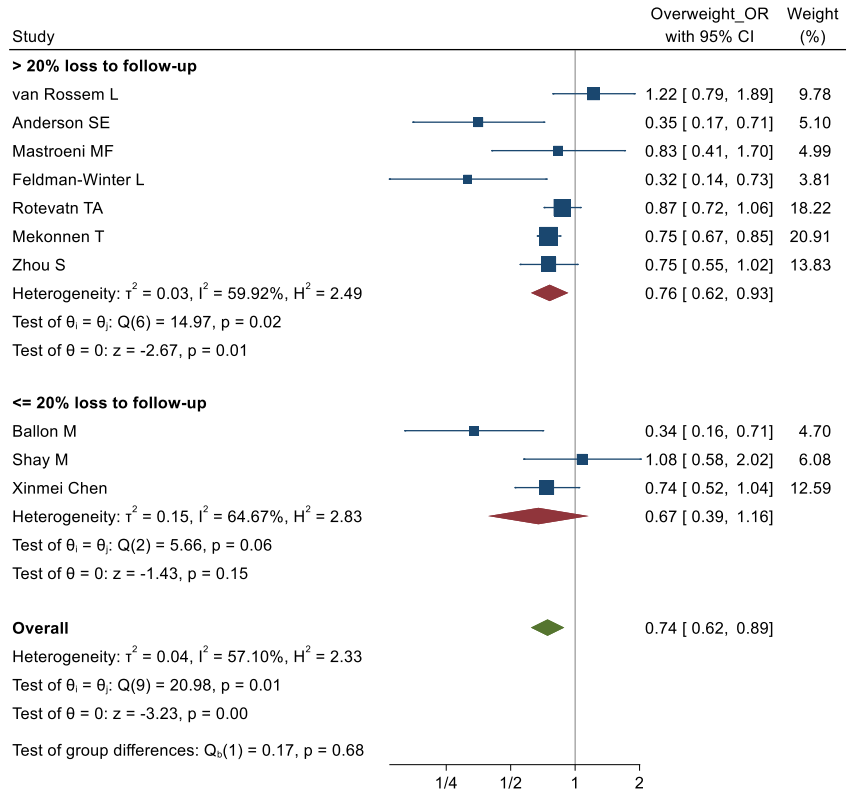
Random-effects DerSimonian–Laird model

B



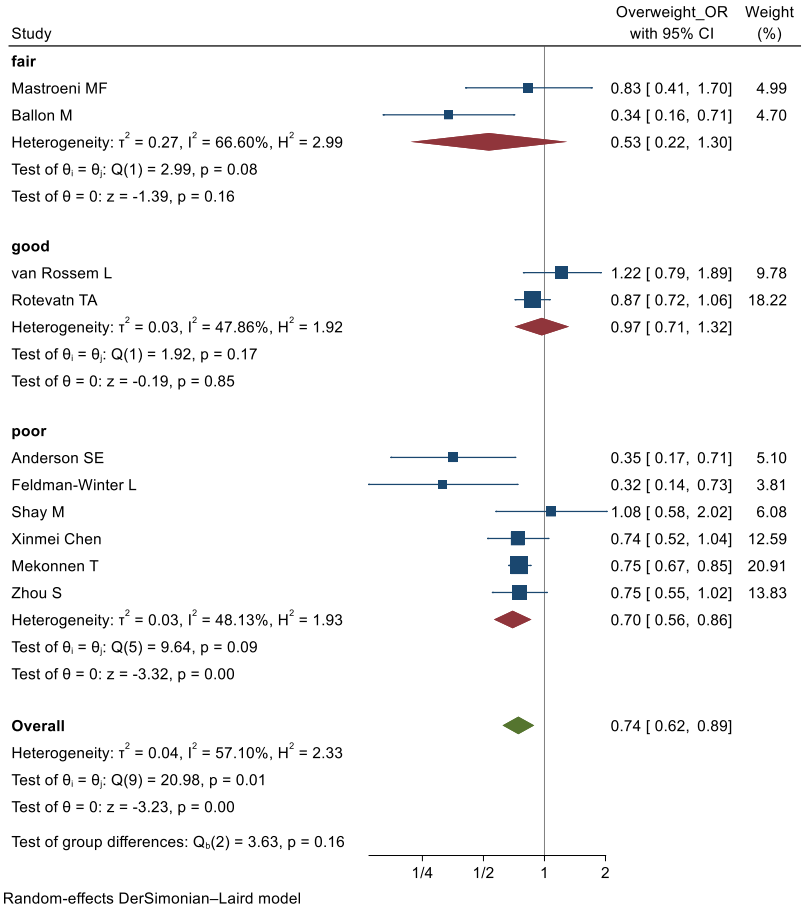
Random-effects DerSimonian–Laird model

C



Random-effects DerSimonian–Laird model

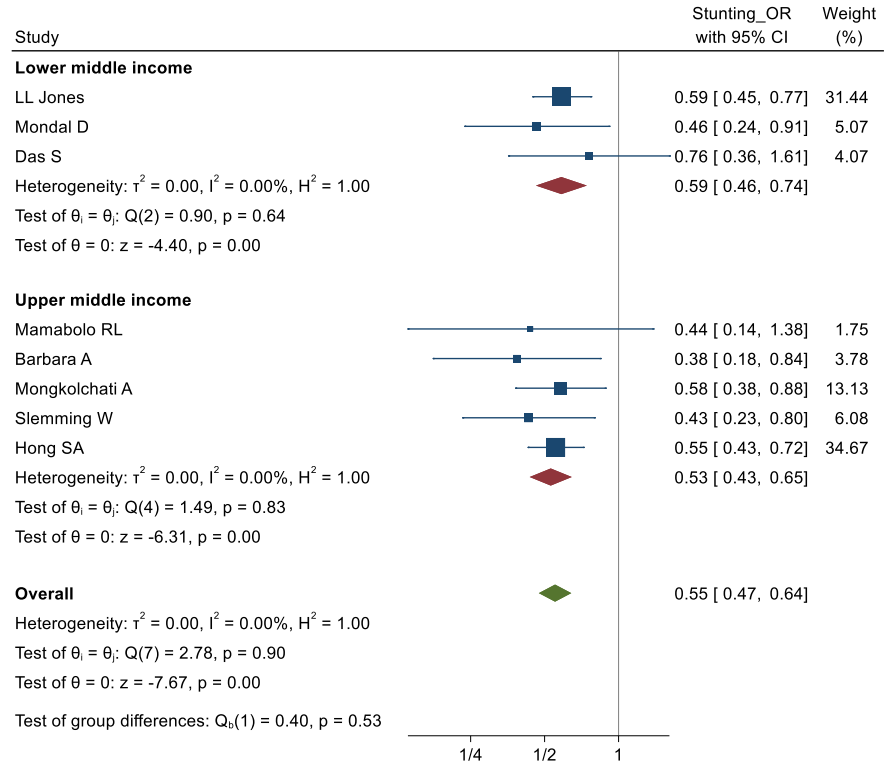
D



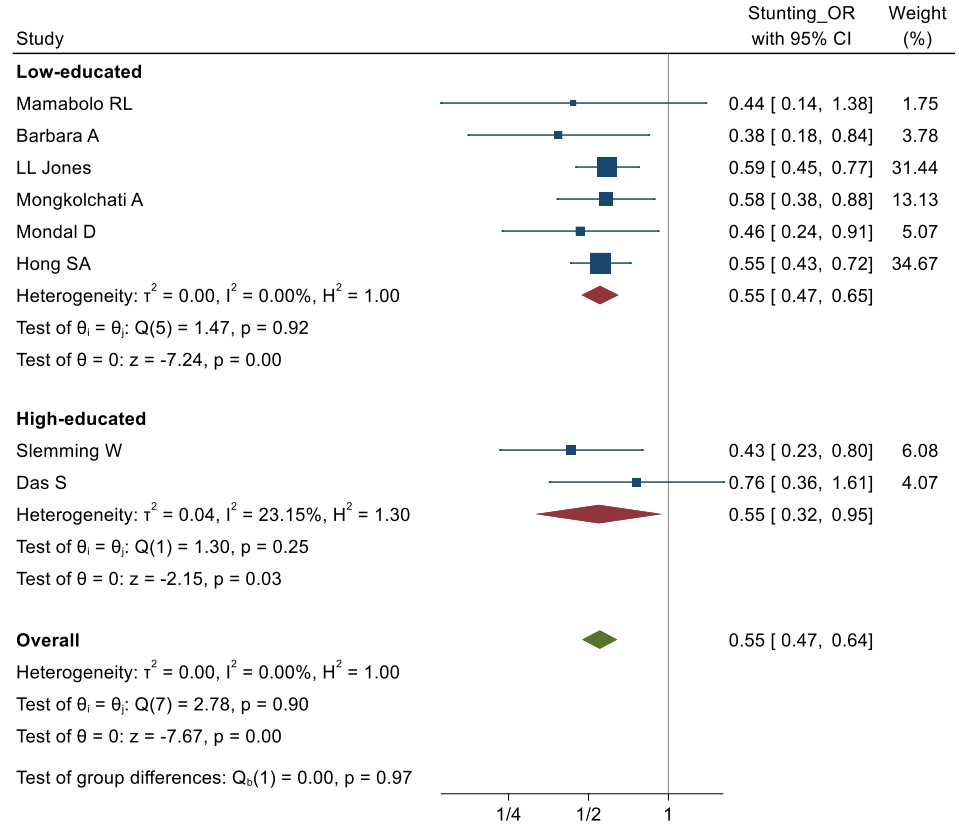
Random-effects DerSimonian–Laird model

➢ Stunting

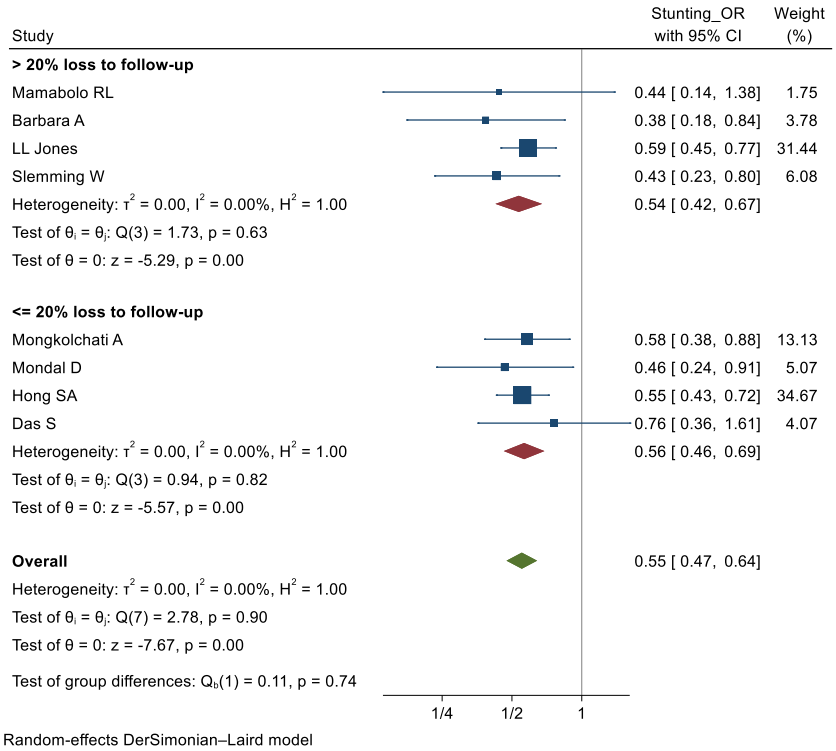
A


Study
Stunting_OR with 95% CI
Weight (%)
Lower middle income
LL Jones 0.59 [0.45, 0.77] 31.44
Mondal D 0.46 [0.24, 0.91] 5.07
Das S 0.76 [0.36, 1.61] 4.07
Heterogeneity: τ² = 0.00, I² = 0.00%, H² = 1.00 0.59 [0.46, 0.74]
Test of θi = θj: Q(2) = 0.90, p = 0.64
Test of θ = 0: z = -4.40, p = 0.00
Upper middle income
Mamabolo RL 0.44 [0.14, 1.38] 1.75
Barbara A 0.38 [0.18, 0.84] 3.78
Mongkolchati A 0.58 [0.38, 0.88] 13.13
Slemming W 0.43 [0.23, 0.80] 6.08
Hong SA 0.55 [0.43, 0.72] 34.67
Heterogeneity: τ² = 0.00, I² = 0.00%, H² = 1.00 0.53 [0.43, 0.65]
Test of θi = θj: Q(4) = 1.49, p = 0.83
Test of θ = 0: z = -6.31, p = 0.00
Overall 0.55 [0.47, 0.64]
Heterogeneity: τ² = 0.00, I² = 0.00%, H² = 1.00
Test of θi = θj: Q(7) = 2.78, p = 0.90
Test of θ = 0: z = -7.67, p = 0.00
Test of group differences: Qb(1) = 0.40, p = 0.53
1/4
1/2
1
Random-effects DerSimonian–Laird model

B

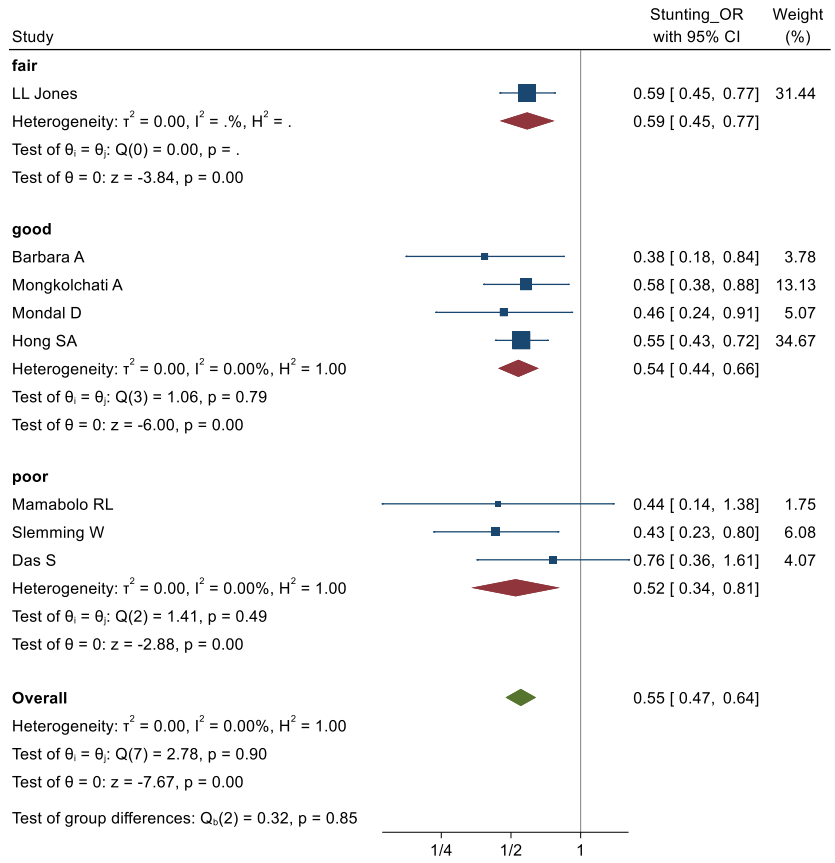

Study
Stunting_OR with 95% CI
Weight (%)
Low-educated
Mamabolo RL 0.44 [0.14, 1.38] 1.75
Barbara A 0.38 [0.18, 0.84] 3.78
LL Jones 0.59 [0.45, 0.77] 31.44
Mongkolchati A 0.58 [0.38, 0.88] 13.13
Mondal D 0.46 [0.24, 0.91] 5.07
Hong SA 0.55 [0.43, 0.72] 34.67
Heterogeneity: τ² = 0.00, I² = 0.00%, H² = 1.00 0.55 [0.47, 0.65]
Test of θi = θj: Q(5) = 1.47, p = 0.92
Test of θ = 0: z = -7.24, p = 0.00
High-educated
Slemming W 0.43 [0.23, 0.80] 6.08
Das S 0.76 [0.36, 1.61] 4.07
Heterogeneity: τ² = 0.04, I² = 23.15%, H² = 1.30 0.55 [0.32, 0.95]
Test of θi = θj: Q(1) = 1.30, p = 0.25
Test of θ = 0: z = -2.15, p = 0.03
Overall 0.55 [0.47, 0.64]
Heterogeneity: τ² = 0.00, I² = 0.00%, H² = 1.00
Test of θi = θj: Q(7) = 2.78, p = 0.90
Test of θ = 0: z = -7.67, p = 0.00
Test of group differences: Qb(1) = 0.00, p = 0.97
1/4
1/2
1
Random-effects DerSimonian–Laird model

C



Random-effects DerSimonian–Laird model

D



Random-effects DerSimonian–Laird model