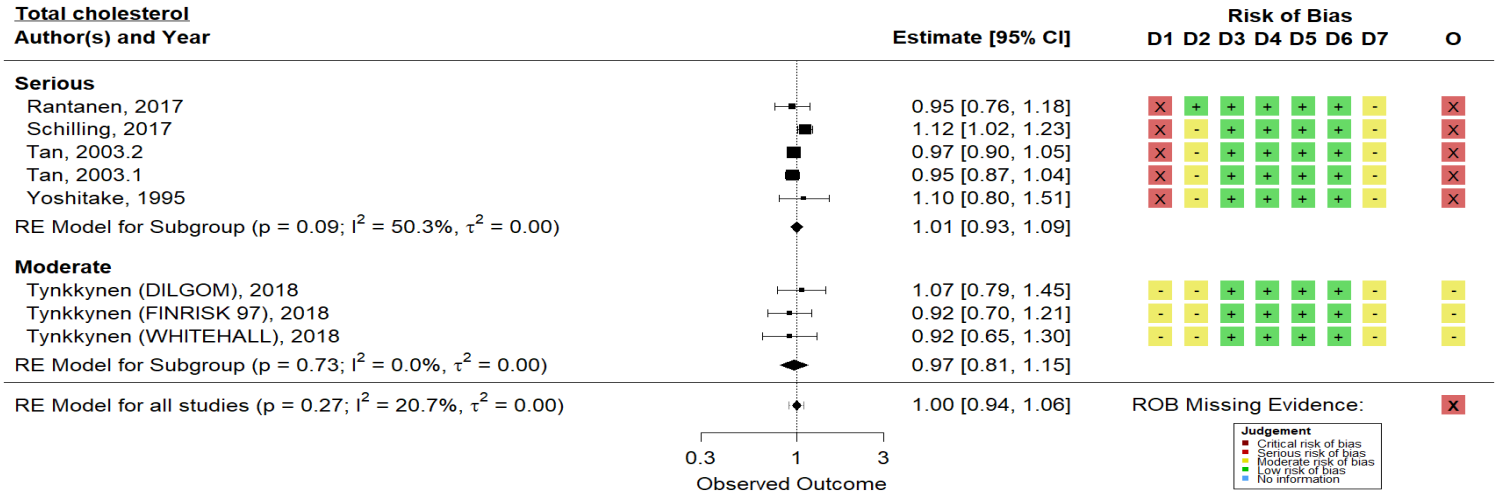
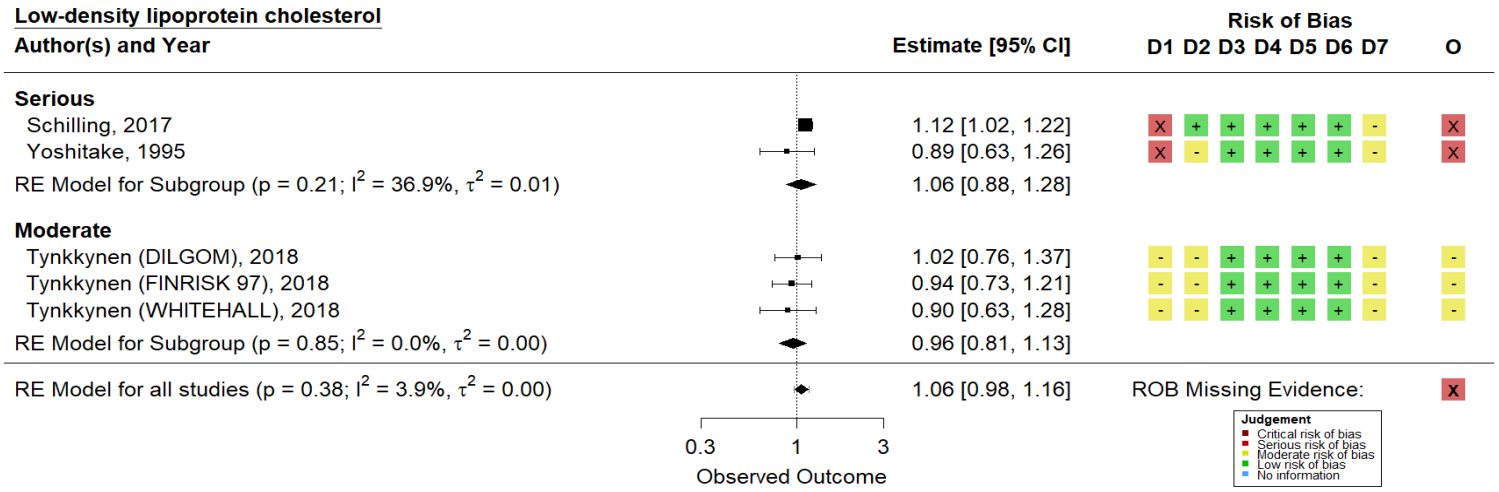
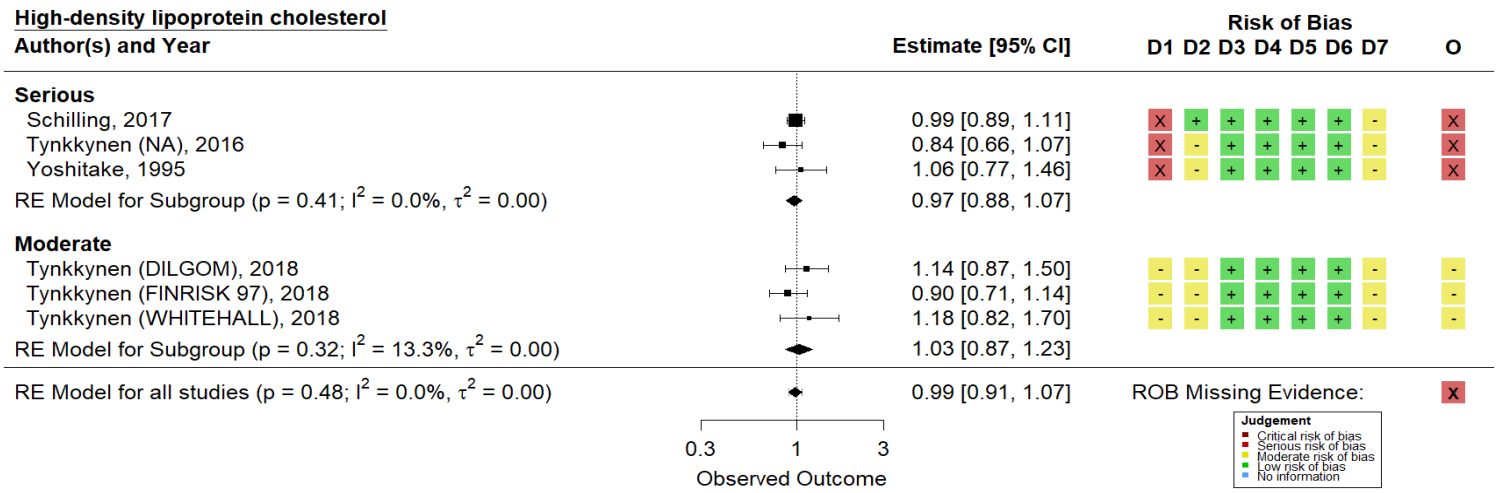
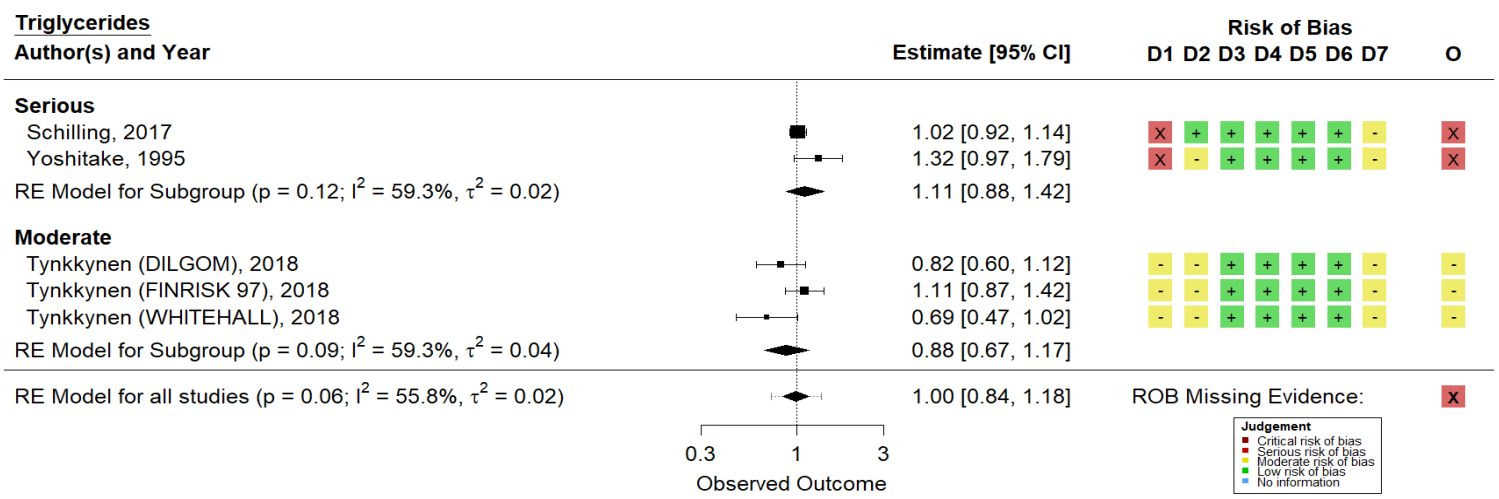

Total cholesterol
Author(s) and Year
Estimate [95% CI]
Risk of Bias
D1 D2 D3 D4 D5 D6 D7 O
Serious
Rantanen, 2017 0.95 [0.76, 1.18]
Schilling, 2017 1.12 [1.02, 1.23]
Tan, 2003.2 0.97 [0.90, 1.05]
Tan, 2003.1 0.95 [0.87, 1.04]
Yoshitake, 1995 1.10 [0.80, 1.51]
RE Model for Subgroup (p = 0.09; I2 = 50.3%, τ2 = 0.00) 1.01 [0.93, 1.09]
Moderate
Tynkkynen (DILGOM), 2018 1.07 [0.79, 1.45]
Tynkkynen (FINRISK 97), 2018 0.92 [0.70, 1.21]
Tynkkynen (WHITEHALL), 2018 0.92 [0.65, 1.30]
RE Model for Subgroup (p = 0.73; I2 = 0.0%, τ2 = 0.00) 0.97 [0.81, 1.15]
RE Model for all studies (p = 0.27; I2 = 20.7%, τ2 = 0.00) 1.00 [0.94, 1.06]
ROB Missing Evidence:
0.3 1 3
Observed Outcome
Judgement
Critical risk of bias
Serious risk of bias
Moderate risk of bias
Low risk of bias
No information


Low-density lipoprotein cholesterol
Author(s) and Year
Estimate [95% CI]
Risk of Bias
D1 D2 D3 D4 D5 D6 D7 O
Serious
Schilling, 2017 1.12 [1.02, 1.22]
Yoshitake, 1995 0.89 [0.63, 1.26]
RE Model for Subgroup (p = 0.21; I2 = 36.9%, τ2 = 0.01) 1.06 [0.88, 1.28]
Moderate
Tynkkynen (DILGOM), 2018 1.02 [0.76, 1.37]
Tynkkynen (FINRISK 97), 2018 0.94 [0.73, 1.21]
Tynkkynen (WHITEHALL), 2018 0.90 [0.63, 1.28]
RE Model for Subgroup (p = 0.85; I2 = 0.0%, τ2 = 0.00) 0.96 [0.81, 1.13]
RE Model for all studies (p = 0.38; I2 = 3.9%, τ2 = 0.00) 1.06 [0.98, 1.16]
ROB Missing Evidence:
0.3 1 3
Observed Outcome
Judgement
Critical risk of bias
Serious risk of bias
Moderate risk of bias
Low risk of bias
No information


High-density lipoprotein cholesterol
Author(s) and Year
Estimate [95% CI]
Risk of Bias
D1 D2 D3 D4 D5 D6 D7 O
Serious
Schilling, 2017 0.99 [0.89, 1.11]
Tynkkynen (NA), 2016 0.84 [0.66, 1.07]
Yoshitake, 1995 1.06 [0.77, 1.46]
RE Model for Subgroup (p = 0.41; I2 = 0.0%, τ2 = 0.00) 0.97 [0.88, 1.07]
Moderate
Tynkkynen (DILGOM), 2018 1.14 [0.87, 1.50]
Tynkkynen (FINRISK 97), 2018 0.90 [0.71, 1.14]
Tynkkynen (WHITEHALL), 2018 1.18 [0.82, 1.70]
RE Model for Subgroup (p = 0.32; I2 = 13.3%, τ2 = 0.00) 1.03 [0.87, 1.23]
RE Model for all studies (p = 0.48; I2 = 0.0%, τ2 = 0.00) 0.99 [0.91, 1.07]
ROB Missing Evidence:
0.3 1 3
Observed Outcome
Judgement
Critical risk of bias
Serious risk of bias
Moderate risk of bias
Low risk of bias
No information


Triglycerides
Author(s) and Year
Estimate [95% CI]
Risk of Bias
D1 D2 D3 D4 D5 D6 D7 O
Serious
Schilling, 2017 1.02 [0.92, 1.14]
Yoshitake, 1995 1.32 [0.97, 1.79]
RE Model for Subgroup (p = 0.12; I2 = 59.3%, τ2 = 0.02) 1.11 [0.88, 1.42]
Moderate
Tynkkynen (DILGOM), 2018 0.82 [0.60, 1.12]
Tynkkynen (FINRISK 97), 2018 1.11 [0.87, 1.42]
Tynkkynen (WHITEHALL), 2018 0.69 [0.47, 1.02]
RE Model for Subgroup (p = 0.09; I2 = 59.3%, τ2 = 0.04) 0.88 [0.67, 1.17]
RE Model for all studies (p = 0.06; I2 = 55.8%, τ2 = 0.02) 1.00 [0.84, 1.18]
ROB Missing Evidence:
0.3 1 3
Observed Outcome
Judgement
Critical risk of bias
Serious risk of bias
Moderate risk of bias
Low risk of bias
No information