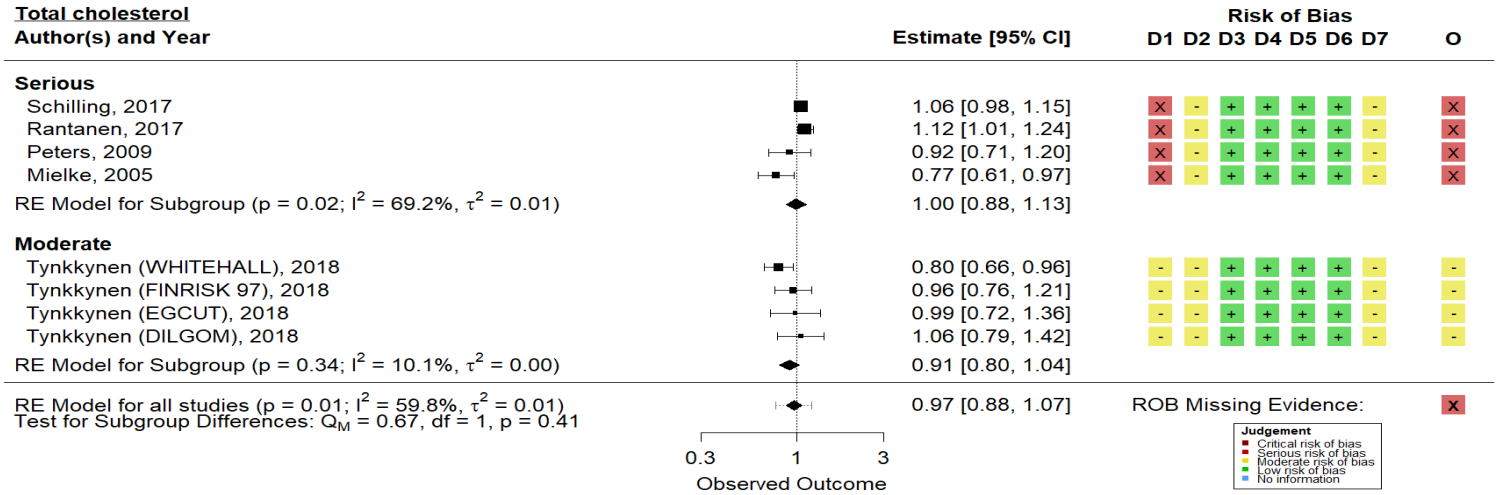
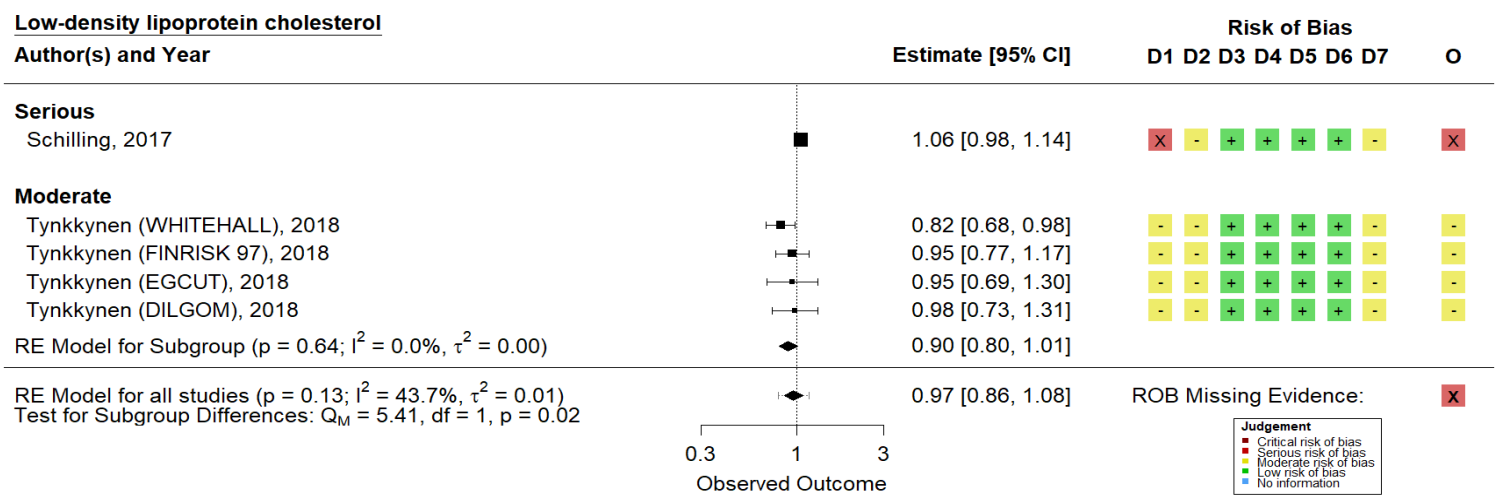
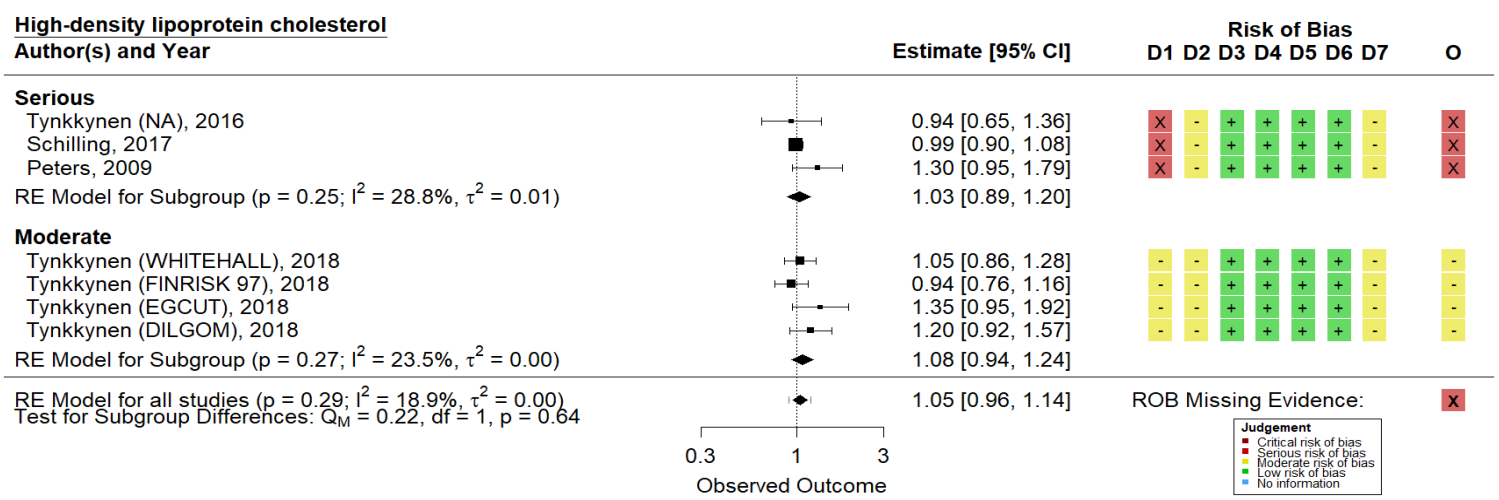
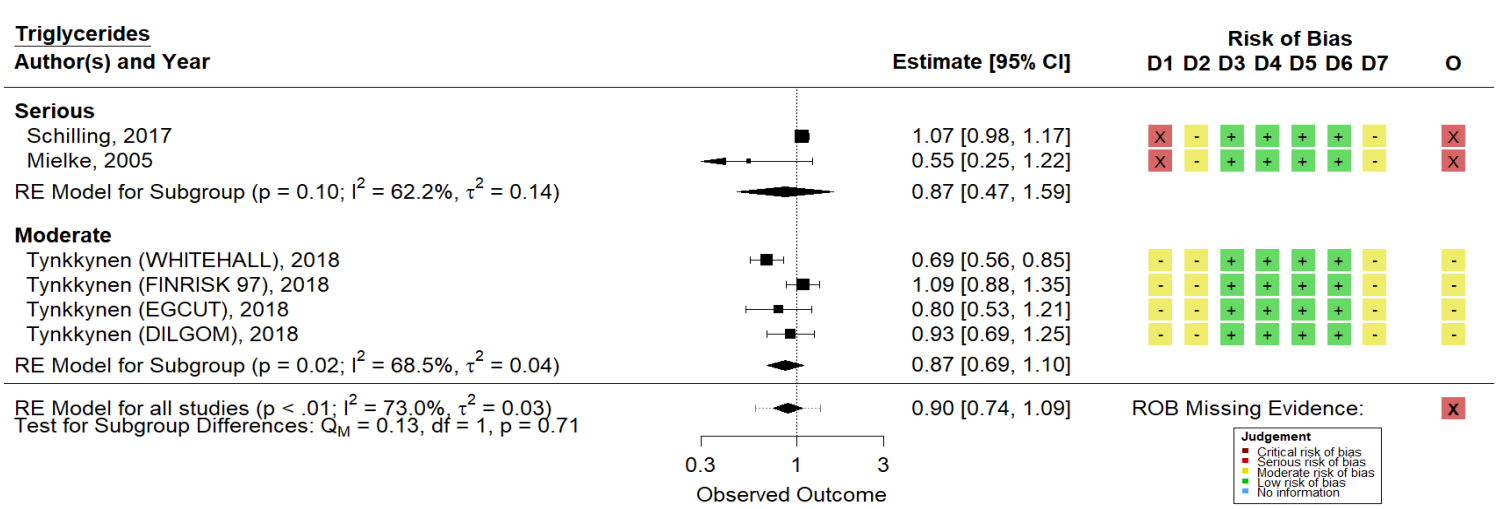

Total cholesterol
Author(s) and Year
Estimate [95% CI]
Risk of Bias
D1 D2 D3 D4 D5 D6 D7 O
Serious
Schilling, 2017 1.06 [0.98, 1.15]
Rantanen, 2017 1.12 [1.01, 1.24]
Peters, 2009 0.92 [0.71, 1.20]
Mielke, 2005 0.77 [0.61, 0.97]
RE Model for Subgroup (p = 0.02; I2 = 69.2%, τ2 = 0.01) 1.00 [0.88, 1.13]
Moderate
Tynkkynen (WHITEHALL), 2018 0.80 [0.66, 0.96]
Tynkkynen (FINRISK 97), 2018 0.96 [0.76, 1.21]
Tynkkynen (EGCUT), 2018 0.99 [0.72, 1.36]
Tynkkynen (DILGOM), 2018 1.06 [0.79, 1.42]
RE Model for Subgroup (p = 0.34; I2 = 10.1%, τ2 = 0.00) 0.91 [0.80, 1.04]
RE Model for all studies (p = 0.01; I2 = 59.8%, τ2 = 0.01) 0.97 [0.88, 1.07]
Test for Subgroup Differences: QM = 0.67, df = 1, p = 0.41
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 1.06 [0.98, 1.14]
Moderate
Tynkkynen (WHITEHALL), 2018 0.82 [0.68, 0.98]
Tynkkynen (FINRISK 97), 2018 0.95 [0.77, 1.17]
Tynkkynen (EGCUT), 2018 0.95 [0.69, 1.30]
Tynkkynen (DILGOM), 2018 0.98 [0.73, 1.31]
RE Model for Subgroup (p = 0.64; I2 = 0.0%, τ2 = 0.00) 0.90 [0.80, 1.01]
RE Model for all studies (p = 0.13; I2 = 43.7%, τ2 = 0.01) 0.97 [0.86, 1.08]
Test for Subgroup Differences: QM = 5.41, df = 1, p = 0.02
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
Tynkkynen (NA), 2016 0.94 [0.65, 1.36]
Schilling, 2017 0.99 [0.90, 1.08]
Peters, 2009 1.30 [0.95, 1.79]
RE Model for Subgroup (p = 0.25; I2 = 28.8%, τ2 = 0.01) 1.03 [0.89, 1.20]
Moderate
Tynkkynen (WHITEHALL), 2018 1.05 [0.86, 1.28]
Tynkkynen (FINRISK 97), 2018 0.94 [0.76, 1.16]
Tynkkynen (EGCUT), 2018 1.35 [0.95, 1.92]
Tynkkynen (DILGOM), 2018 1.20 [0.92, 1.57]
RE Model for Subgroup (p = 0.27; I2 = 23.5%, τ2 = 0.00) 1.08 [0.94, 1.24]
RE Model for all studies (p = 0.29; I2 = 18.9%, τ2 = 0.00) 1.05 [0.96, 1.14]
Test for Subgroup Differences: QM = 0.22, df = 1, p = 0.64
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 1.07 [0.98, 1.17]
Mielke, 2005 0.55 [0.25, 1.22]
RE Model for Subgroup (p = 0.10; I2 = 62.2%, τ2 = 0.14) 0.87 [0.47, 1.59]
Moderate
Tynkkynen (WHITEHALL), 2018 0.69 [0.56, 0.85]
Tynkkynen (FINRISK 97), 2018 1.09 [0.88, 1.35]
Tynkkynen (EGCUT), 2018 0.80 [0.53, 1.21]
Tynkkynen (DILGOM), 2018 0.93 [0.69, 1.25]
RE Model for Subgroup (p = 0.02; I2 = 68.5%, τ2 = 0.04) 0.87 [0.69, 1.10]
RE Model for all studies (p < .01; I2 = 73.0%, τ2 = 0.03) 0.90 [0.74, 1.09]
Test for Subgroup Differences: QM = 0.13, df = 1, p = 0.71
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