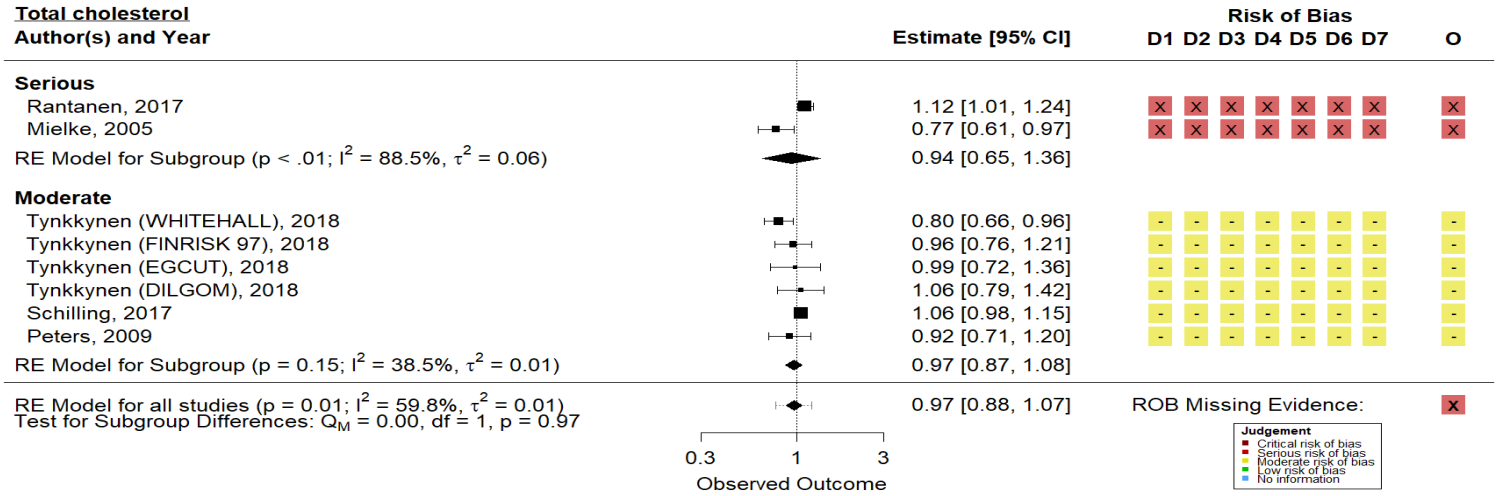
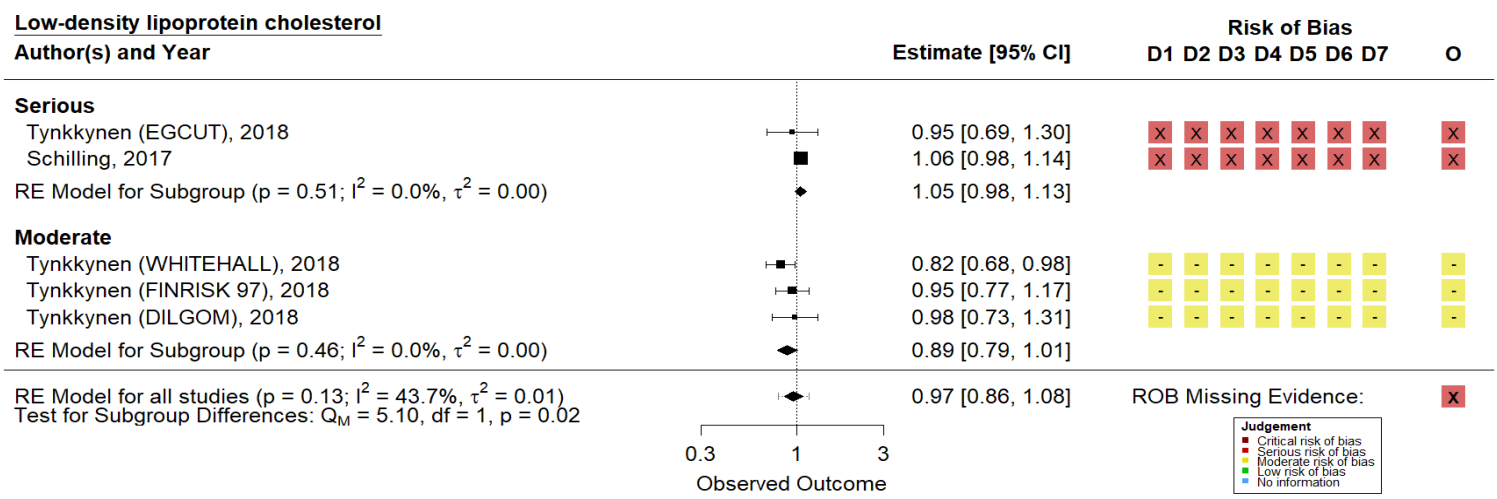
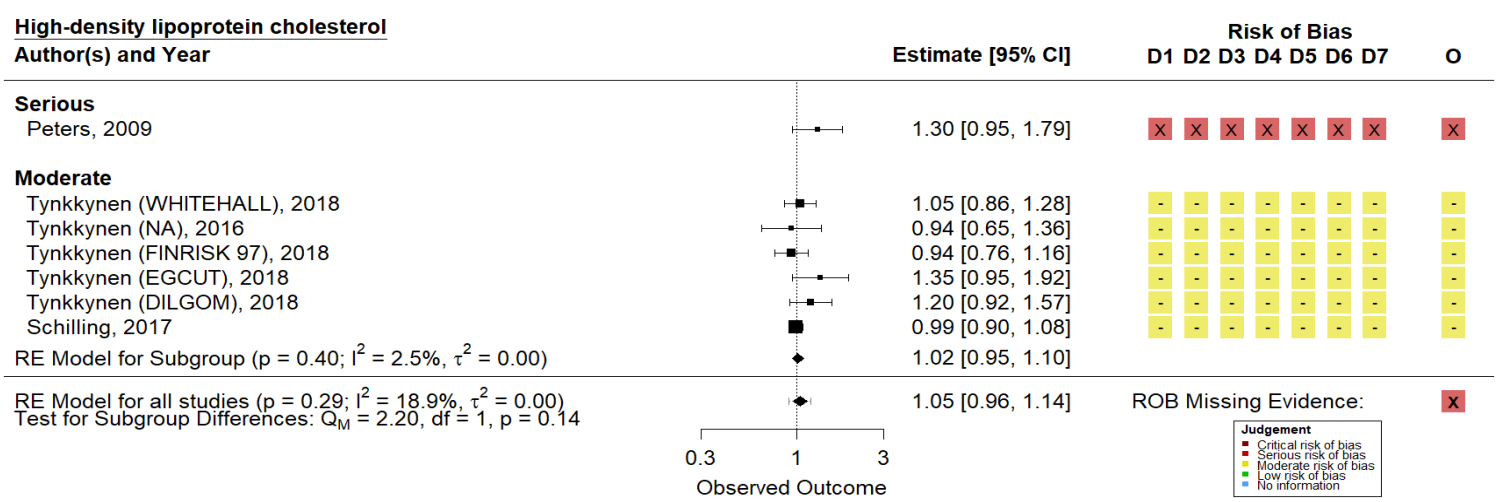
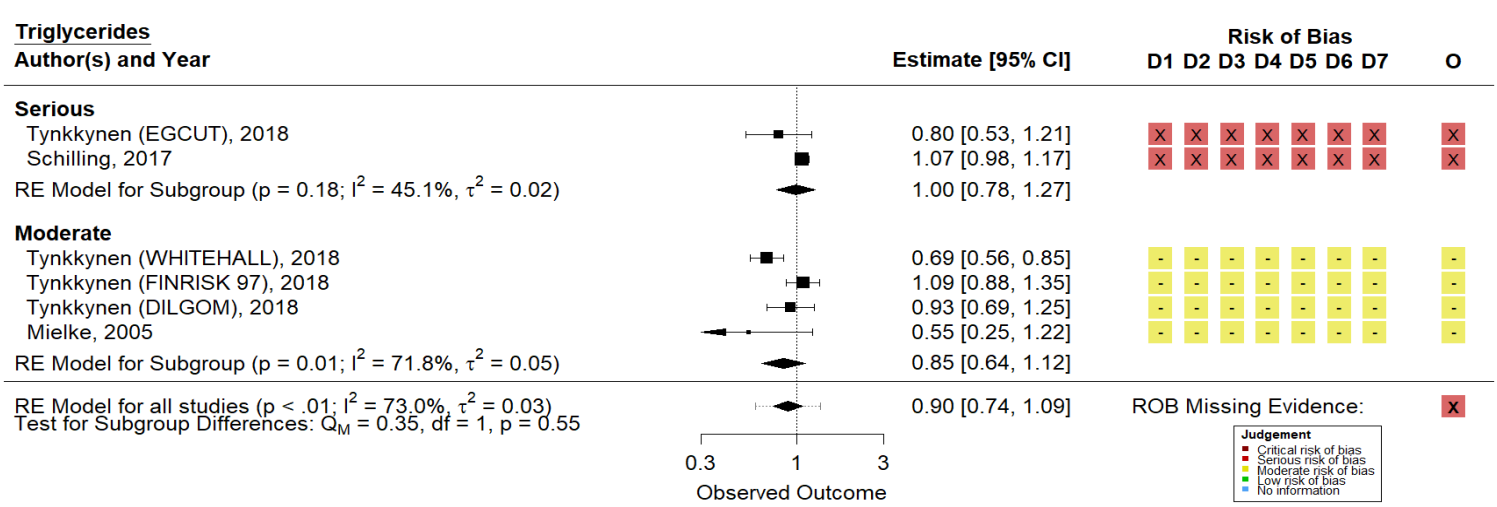

Total cholesterol
Author(s) and Year
Estimate [95% CI]
Risk of Bias
D1 D2 D3 D4 D5 D6 D7 O
Serious
Rantanen, 2017 1.12 [1.01, 1.24]
Mielke, 2005 0.77 [0.61, 0.97]
RE Model for Subgroup (p < .01; I² = 88.5%, τ² = 0.06) 0.94 [0.65, 1.36]
Moderate
Tynkkynen (WHITEHALL), 2018 0.80 [0.66, 0.96]
Tynkkynen (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]
Schilling, 2017 1.06 [0.98, 1.15]
Peters, 2009 0.92 [0.71, 1.20]
RE Model for Subgroup (p = 0.15; I² = 38.5%, τ² = 0.01) 0.97 [0.87, 1.08]
RE Model for all studies (p = 0.01; I² = 59.8%, τ² = 0.01) 0.97 [0.88, 1.07]
Test for Subgroup Differences: Q_M = 0.00, df = 1, p = 0.97
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
Tynkkynen (EGCUT), 2018 0.95 [0.69, 1.30]
Schilling, 2017 1.06 [0.98, 1.14]
RE Model for Subgroup (p = 0.51; I² = 0.0%, τ² = 0.00) 1.05 [0.98, 1.13]
Moderate
Tynkkynen (WHITEHALL), 2018 0.82 [0.68, 0.98]
Tynkkynen (FINRISK 97), 2018 0.95 [0.77, 1.17]
Tynkkynen (DILGOM), 2018 0.98 [0.73, 1.31]
RE Model for Subgroup (p = 0.46; I² = 0.0%, τ² = 0.00) 0.89 [0.79, 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: Q_M = 5.10, 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
Peters, 2009 1.30 [0.95, 1.79]
Moderate
Tynkkynen (WHITEHALL), 2018 1.05 [0.86, 1.28]
Tynkkynen (NA), 2016 0.94 [0.65, 1.36]
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]
Schilling, 2017 0.99 [0.90, 1.08]
RE Model for Subgroup (p = 0.40; I² = 2.5%, τ² = 0.00) 1.02 [0.95, 1.10]
RE Model for all studies (p = 0.29; I² = 18.9%, τ² = 0.00) 1.05 [0.96, 1.14]
Test for Subgroup Differences: Q_M = 2.20, df = 1, p = 0.14
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
Tynkkynen (EGCUT), 2018 0.80 [0.53, 1.21]
Schilling, 2017 1.07 [0.98, 1.17]
RE Model for Subgroup (p = 0.18; I² = 45.1%, τ² = 0.02) 1.00 [0.78, 1.27]
Moderate
Tynkkynen (WHITEHALL), 2018 0.69 [0.56, 0.85]
Tynkkynen (FINRISK 97), 2018 1.09 [0.88, 1.35]
Tynkkynen (DILGOM), 2018 0.93 [0.69, 1.25]
Mielke, 2005 0.55 [0.25, 1.22]
RE Model for Subgroup (p = 0.01; I² = 71.8%, τ² = 0.05) 0.85 [0.64, 1.12]
RE Model for all studies (p < .01; I² = 73.0%, τ² = 0.03) 0.90 [0.74, 1.09]
Test for Subgroup Differences: Q_M = 0.35, df = 1, p = 0.55
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