

Total cholesterol Author(s) and Year	Estimate [95% CI]	Risk of Bias							O
		D1	D2	D3	D4	D5	D6	D7	
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 ($p = 0.71$; $I^2 = 0.0\%$, $\tau^2 = 0.00$)	0.97 [0.81, 1.15]								
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 ($p = 0.86$; $I^2 = 50.3\%$, $\tau^2 = 0.00$)	1.01 [0.93, 1.09]								
RE Model for all studies ($p = 0.96$; $I^2 = 20.7\%$, $\tau^2 = 0.00$)	1.00 [0.94, 1.06]	ROB Missing Evidence:							✗
<div>0.3 1 3</div> <div>Observed Outcome</div> <div> Judgement ■ Critical risk of bias ■ Serious risk of bias ■ Moderate risk of bias ■ Low risk of bias ■ No information </div>									

Low-density lipoprotein cholesterol		Risk of Bias							
Author(s) and Year	Estimate [95% CI]	D1	D2	D3	D4	D5	D6	D7	O
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 ($p = 0.60$; $I^2 = 0.0\%$, $\tau^2 = 0.00$)	0.96 [0.81, 1.13]								
Serious									
Schilling, 2017	1.12 [1.02, 1.22]	X	+	+	+	+	+	-	X
Yoshitake, 1995	0.89 [0.63, 1.26]	X	-	+	+	+	+	-	X
RE Model for Subgroup ($p = 0.52$; $I^2 = 36.9\%$, $\tau^2 = 0.01$)	1.06 [0.88, 1.28]								
RE Model for all studies ($p = 0.15$; $I^2 = 3.9\%$, $\tau^2 = 0.00$)	1.06 [0.98, 1.16]	ROB Missing Evidence:							

High-density lipoprotein cholesterol				Risk of Bias							
Author(s) and Year		Estimate [95% CI]		D1	D2	D3	D4	D5	D6	D7	O
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 ($p = 0.71$; $I^2 = 13.3\%$, $\tau^2 = 0.00$)		1.03 [0.87, 1.23]									
Serious											
Schilling, 2017		0.99 [0.89, 1.11]		X	+	+	+	+	+	-	X
Tynkkynen (NA), 2016		0.84 [0.66, 1.07]		X	-	+	+	+	+	-	X
Yoshitake, 1995		1.06 [0.77, 1.46]		X	-	+	+	+	+	-	X
RE Model for Subgroup ($p = 0.54$; $I^2 = 0.0\%$, $\tau^2 = 0.00$)		0.97 [0.88, 1.07]									
RE Model for all studies ($p = 0.73$; $I^2 = 0.0\%$, $\tau^2 = 0.00$)		0.99 [0.91, 1.07]		ROB Missing Evidence:							X
			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]	D1	D2	D3	D4	D5	D6	D7	O
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 ($p = 0.38$; $I^2 = 59.3\%$, $\tau^2 = 0.04$)	0.88 [0.67, 1.17]								
Serious									
Schilling, 2017	1.02 [0.92, 1.14]	X	+	+	+	+	+	-	X
Yoshitake, 1995	1.32 [0.97, 1.79]	X	-	+	+	+	+	-	X
RE Model for Subgroup ($p = 0.38$; $I^2 = 59.3\%$, $\tau^2 = 0.02$)	1.11 [0.88, 1.42]								
RE Model for all studies ($p = 0.96$; $I^2 = 55.8\%$, $\tau^2 = 0.02$)	1.00 [0.84, 1.18]	ROB Missing Evidence:							X

Observed Outcome

Judgement
■ Critical risk of bias
■ Serious risk of bias
■ Moderate risk of bias
■ Low risk of bias
■ No information