

Total cholesterol
Author(s) and Year

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 ($p = 0.09$; $I^2 = 50.3\%$, $\tau^2 = 0.00$)		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 ($p = 0.73$; $I^2 = 0.0\%$, $\tau^2 = 0.00$)		0.97 [0.81, 1.15]								
RE Model for all studies ($p = 0.27$; $I^2 = 20.7\%$, $\tau^2 = 0.00$)		1.00 [0.94, 1.06]	ROB Missing Evidence:							

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

Low-density lipoprotein cholesterol		Risk of Bias								
Author(s) and Year	Estimate [95% CI]	D1	D2	D3	D4	D5	D6	D7	O	
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 = 0.21; I ² = 36.9%, τ ² = 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; I ² = 0.0%, τ ² = 0.00)		0.96 [0.81, 1.13]								
RE Model for all studies (p = 0.38; I ² = 3.9%, τ ² = 0.00)		1.06 [0.98, 1.16]								
		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

High-density lipoprotein cholesterol

<u>High-density lipoprotein cholesterol</u>										
Author(s) and Year		Estimate [95% CI]	Risk of Bias							O
			D1	D2	D3	D4	D5	D6	D7	
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 ($p = 0.41$; $I^2 = 0.0\%$, $\tau^2 = 0.00$)		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 ($p = 0.32$; $I^2 = 13.3\%$, $\tau^2 = 0.00$)		1.03 [0.87, 1.23]								
RE Model for all studies ($p = 0.48$; $I^2 = 0.0\%$, $\tau^2 = 0.00$)		0.99 [0.91, 1.07]	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

Triglycerides

Triglycerides			Risk of Bias							
Author(s) and Year		Estimate [95% CI]	D1	D2	D3	D4	D5	D6	D7	O
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 ($p = 0.12$; $I^2 = 59.3\%$, $\tau^2 = 0.02$)		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 ($p = 0.09$; $I^2 = 59.3\%$, $\tau^2 = 0.04$)		0.88 [0.67, 1.17]								
RE Model for all studies ($p = 0.06$; $I^2 = 55.8\%$, $\tau^2 = 0.02$)		1.00 [0.84, 1.18]								
		Observed Outcome	ROB Missing Evidence:							X
			Judgement Critical risk of bias Serious risk of bias Moderate risk of bias Low risk of bias No information							