

Total cholesterol Author(s) and Year	Estimate [95% CI]	Risk of Bias							O
		D1	D2	D3	D4	D5	D6	D7	
<b>Moderate</b>									
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]								
<b>Serious</b>									
Rantanen, 2017	0.95 [0.76, 1.18]	X	+	+	+	+	+	-	X
Schilling, 2017	1.12 [1.02, 1.23]	X	-	+	+	+	+	-	X
Tan, 2003.2	0.97 [0.90, 1.05]	X	-	+	+	+	+	-	X
Tan, 2003.1	0.95 [0.87, 1.04]	X	-	+	+	+	+	-	X
Yoshitake, 1995	1.10 [0.80, 1.51]	X	-	+	+	+	+	-	X
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:							X

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		Risk of Bias							
Author(s) and Year	Estimate [95% CI]	D1	D2	D3	D4	D5	D6	D7	O
<b>Moderate</b>									
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]								
<b>Serious</b>									
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:							X

Observed Outcome

0.3      1      3

**Judgement**

- Critical risk of bias
- Serious risk of bias
- Moderate risk of bias
- Low risk of bias
- No information

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 <sup>2</sup> = 13.3%, τ <sup>2</sup> = 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 <sup>2</sup> = 0.0%, τ <sup>2</sup> = 0.00)	0.97 [0.88, 1.07]									
RE Model for all studies (p = 0.73; I <sup>2</sup> = 0.0%, τ <sup>2</sup> = 0.00)	0.99 [0.91, 1.07]	ROB Missing Evidence:								X
<div>0.313</div> <div>Observed Outcome</div> <div><b>Judgement</b> Critical risk of bias Serious risk of bias Moderate risk of bias Low risk of bias No information</div>										

Triglycerides			Risk of Bias								
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 <sup>2</sup> = 59.3%, τ <sup>2</sup> = 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 <sup>2</sup> = 59.3%, τ <sup>2</sup> = 0.02)		1.11 [0.88, 1.42]									
RE Model for all studies (p = 0.96; I <sup>2</sup> = 55.8%, τ <sup>2</sup> = 0.02)		1.00 [0.84, 1.18]	ROB Missing Evidence:							X	
		0.3 1 3	<div><b>Judgement</b> <div><div></div> Critical risk of bias</div><div><div></div> Serious risk of bias</div><div><div></div> Moderate risk of bias</div><div><div></div> Low risk of bias</div><div><div></div> No information</div></div>								
		Observed Outcome									