

Total cholesterol			Risk of Bias	
Author(s) and Year		Estimate [95% CI]	D1 D2 D3 D4 D5 D6 D7 O	O
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]	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 0.3      1      3		Judgement <span style="color:red;">■</span> Critical risk of bias <span style="color:red;">+</span> Serious risk of bias <span style="color:green;">■</span> Moderate risk of bias <span style="color:green;">+</span> Low risk of bias <span style="color:black;">-</span> No information	

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 <sup>2</sup> = 0.0%, τ <sup>2</sup> = 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 <sup>2</sup> = 36.9%, τ <sup>2</sup> = 0.01)		1.06 [0.88, 1.28]									
RE Model for all studies (p = 0.15; I <sup>2</sup> = 3.9%, τ <sup>2</sup> = 0.00)		1.06 [0.98, 1.16]	ROB Missing Evidence:								X
		0.3								3	
		Observed Outcome									
			<div><b>Judgement</b> ■ Critical risk of bias ■ Serious risk of bias ■ Moderate risk of bias ■ Low risk of bias ■ No information</div>								

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	
Observed Outcome											
<div><b>Judgement</b><ul style="list-style-type: none"><li>Critical risk of bias</li><li>Serious risk of bias</li><li>Moderate risk of bias</li><li>Low risk of bias</li><li>No information</li></ul></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									3	
		Observed Outcome										
<div><b>Judgement</b><ul style="list-style-type: none"><li>Critical risk of bias</li><li>Serious risk of bias</li><li>Moderate risk of bias</li><li>Low risk of bias</li><li>No information</li></ul></div>												