

Total cholesterol			Risk of Bias							
Author(s) and Year	Estimate [95% CI]	D1 D2 D3 D4 D5 D6 D7	O							
Serious										
Yoshitake, 1995	1.10 [0.80, 1.51]	X + + + + + -	X							
Tan, 2003.2	0.97 [0.90, 1.05]	X - + + + + -	X							
Tan, 2003.1	0.95 [0.87, 1.04]	X - + + + + -	X							
Schilling, 2017	1.12 [1.02, 1.23]	X - + + + + -	X							
Rantanen, 2017	0.95 [0.76, 1.18]	X - + + + + -	X							
RE Model for Subgroup (p = 0.09; I <sup>2</sup> = 50.3%, τ <sup>2</sup> = 0.00)	1.01 [0.93, 1.09]									
Moderate										
Tynkkynen (WHITEHALL), 2018	0.92 [0.65, 1.30]	- - + + + + -	-							
Tynkkynen (FINRISK 97), 2018	0.92 [0.70, 1.21]	- - + + + + -	-							
Tynkkynen (DILGOM), 2018	1.07 [0.79, 1.45]	- - + + + + -	-							
RE Model for Subgroup (p = 0.73; I <sup>2</sup> = 0.0%, τ <sup>2</sup> = 0.00)	0.97 [0.81, 1.15]									
RE Model for all studies (p = 0.27; I <sup>2</sup> = 20.7%, τ <sup>2</sup> = 0.00) Test for Subgroup Differences: Q <sub>M</sub> = 0.15, df = 1, p = 0.70	1.00 [0.94, 1.06]	ROB Missing Evidence: X								
<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							
Serious										
Yoshitake, 1995	0.89 [0.63, 1.26]	X + + + + + -	X							
Schilling, 2017	1.12 [1.02, 1.22]	X - + + + + -	X							
RE Model for Subgroup (p = 0.21; I <sup>2</sup> = 36.9%, τ <sup>2</sup> = 0.01)	1.06 [0.88, 1.28]									
Moderate										
Tynkkynen (WHITEHALL), 2018	0.90 [0.63, 1.28]	- - + + + + -	-							
Tynkkynen (FINRISK 97), 2018	0.94 [0.73, 1.21]	- - + + + + -	-							
Tynkkynen (DILGOM), 2018	1.02 [0.76, 1.37]	- - + + + + -	-							
RE Model for Subgroup (p = 0.85; I <sup>2</sup> = 0.0%, τ <sup>2</sup> = 0.00)	0.96 [0.81, 1.13]									
RE Model for all studies (p = 0.38; I <sup>2</sup> = 3.9%, τ <sup>2</sup> = 0.00) Test for Subgroup Differences: Q <sub>M</sub> = 2.26, df = 1, p = 0.13	1.06 [0.98, 1.16]	ROB Missing Evidence: X								
<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>										
High-density lipoprotein cholesterol			Risk of Bias							
Author(s) and Year	Estimate [95% CI]	D1 D2 D3 D4 D5 D6 D7	O							
Serious										
Yoshitake, 1995	1.06 [0.77, 1.46]	X + + + + + -	X							
Tynkkynen (NA), 2016	0.84 [0.66, 1.07]	X - + + + + -	X							
Schilling, 2017	0.99 [0.89, 1.11]	X - + + + + -	X							
RE Model for Subgroup (p = 0.41; I <sup>2</sup> = 0.0%, τ <sup>2</sup> = 0.00)	0.97 [0.88, 1.07]									
Moderate										
Tynkkynen (WHITEHALL), 2018	1.18 [0.82, 1.70]	- - + + + + -	-							
Tynkkynen (FINRISK 97), 2018	0.90 [0.71, 1.14]	- - + + + + -	-							
Tynkkynen (DILGOM), 2018	1.14 [0.87, 1.50]	- - + + + + -	-							
RE Model for Subgroup (p = 0.32; I <sup>2</sup> = 13.3%, τ <sup>2</sup> = 0.00)	1.03 [0.87, 1.23]									
RE Model for all studies (p = 0.48; I <sup>2</sup> = 0.0%, τ <sup>2</sup> = 0.00) Test for Subgroup Differences: Q <sub>M</sub> = 0.39, df = 1, p = 0.53	0.99 [0.91, 1.07]	ROB Missing Evidence: X								
<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>										
Triglycerides			Risk of Bias							
Author(s) and Year	Estimate [95% CI]	D1 D2 D3 D4 D5 D6 D7	O							
Serious										
Yoshitake, 1995	1.32 [0.97, 1.79]	X + + + + + -	X							
Schilling, 2017	1.02 [0.92, 1.14]	X - + + + + -	X							
RE Model for Subgroup (p = 0.12; I <sup>2</sup> = 59.3%, τ <sup>2</sup> = 0.02)	1.11 [0.88, 1.42]									
Moderate										
Tynkkynen (WHITEHALL), 2018	0.69 [0.47, 1.02]	- - + + + + -	-							
Tynkkynen (FINRISK 97), 2018	1.11 [0.87, 1.42]	- - + + + + -	-							
Tynkkynen (DILGOM), 2018	0.82 [0.60, 1.12]	- - + + + + -	-							
RE Model for Subgroup (p = 0.09; I <sup>2</sup> = 59.3%, τ <sup>2</sup> = 0.04)	0.88 [0.67, 1.17]									
RE Model for all studies (p = 0.06; I <sup>2</sup> = 55.8%, τ <sup>2</sup> = 0.02) Test for Subgroup Differences: Q <sub>M</sub> = 1.52, df = 1, p = 0.22	1.00 [0.84, 1.18]	ROB Missing Evidence: X								
<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>										