Study or Subgroup	log[Odds Ratio]	SE	Weight	Odds Ratio IV, Random, 95% CI
Fatal CVD events (only)				
Ekstedt 2015	1.472	0.328	18.1%	4.36 [2.29, 8.30]
Haring 2009 men	0.879	0.423	13.3%	2.41 [1.05, 5.53]
Haring 2009 women	0.343	0.756	5.4%	1.41 [0.32, 6.21]
Kim 2013	1.241	0.303	19.7%	3.46 [1.91, 6.27]
Subtotal (95% CI)			56.5%	**3.28 [2.26, 4.77]**
Heterogeneity: Tau² = 0.00; Chi² = 2.56, df = 3 (P = 0.47); I² = 0%				
Test for overall effect: Z = 6.23 (P < 0.00001)				
Fatal and non-fatal CVD events (combined endpoint)				
Emre 2015	0.896	0.422	13.3%	2.45 [1.07, 5.61]
Moon 2015	1.442	0.710	6.0%	4.23 [1.05, 17.04]
Pisto 2014	0.398	0.240	24.2%	1.49 [0.93, 2.39]
Subtotal (95% CI)			43.5%	**1.94 [1.17, 3.21]**
Heterogeneity: Tau² = 0.05; Chi² = 2.59, df = 2 (P = 0.27); I² = 23%				
Test for overall effect: Z = 2.59 (P = 0.010)				
Total (95% CI)			100.0%	**2.58 [1.78, 3.75]**
Heterogeneity: Tau² = 0.09; Chi² = 9.77, df = 6 (P = 0.13); I² = 39%				
Test for overall effect: Z = 5.00 (P < 0.00001)				
Test for subgroup differences: Chi² = 2.71, df = 1 (P = 0.10), I² = 63.1%				

Odds Ratio
IV, Random, 95% CI

0.05   0.2   1   5   20
Decreased risk   Increased risk