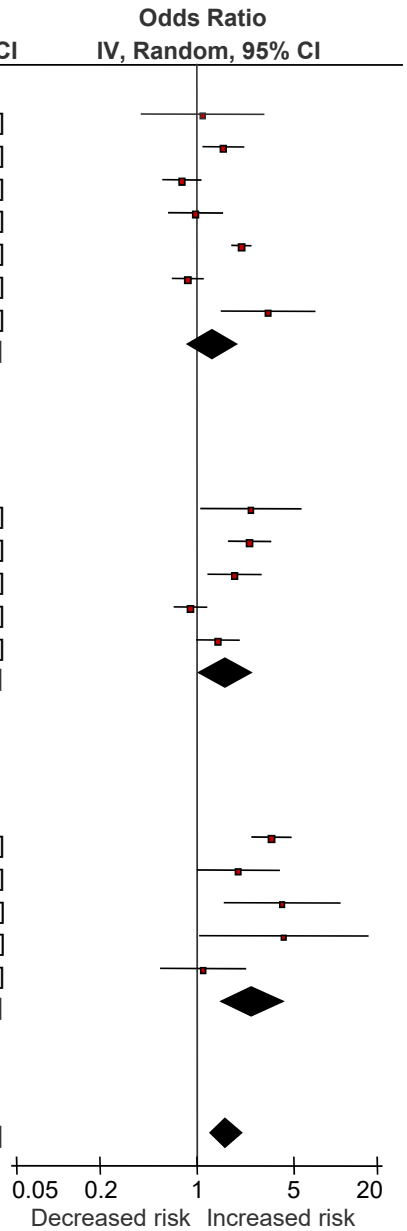Study or Subgroup	log[Odds Ratio]	SE	Weight	Odds Ratio IV, Random, 95% CI
Fatal CVD events (only)				
Adams 2010	0.095	0.516	3.6%	1.10 [0.40, 3.02]
Ekstedt 2015	0.438	0.170	7.0%	1.55 [1.11, 2.16]
Haring 2009 men	-0.248	0.160	7.1%	0.78 [0.57, 1.07]
Haring 2009 women	-0.020	0.225	6.5%	0.98 [0.63, 1.52]
Jepsen 2003	0.741	0.078	7.7%	2.10 [1.80, 2.45]
Lazo 2011	-0.150	0.127	7.4%	0.86 [0.67, 1.10]
Zhou 2012	1.184	0.394	4.7%	3.27 [1.51, 7.08]
Subtotal (95% CI)			**44.1%**	**1.31 [0.87, 1.97]**
Heterogeneity: Tau² = 0.25; Chi² = 61.73, df = 6 (P < 0.00001); I² = 90%				
Test for overall effect: Z = 1.28 (P = 0.20)				
Fatal and non-fatal CVD events (combined endpoint)				
Emre 2015	0.896	0.422	4.4%	2.45 [1.07, 5.61]
Pisto 2014	0.875	0.175	7.0%	2.40 [1.70, 3.39]
Targher 2007	0.625	0.222	6.5%	1.87 [1.21, 2.89]
Wong 2015	-0.105	0.135	7.3%	0.90 [0.69, 1.17]
Zeb 2016	0.350	0.178	7.0%	1.42 [1.00, 2.02]
Subtotal (95% CI)			**32.2%**	**1.63 [1.06, 2.48]**
Heterogeneity: Tau² = 0.18; Chi² = 23.41, df = 4 (P = 0.0001); I² = 83%				
Test for overall effect: Z = 2.24 (P = 0.02)				
Non-fatal CVD events				
El Azeem 2013	1.238	0.164	7.1%	3.45 [2.50, 4.76]
Fracanzani 2016	0.688	0.34	5.2%	1.99 [1.01, 3.92]
Hamaguchi 2007	1.415	0.48	3.9%	4.12 [1.58, 10.74]
Moon 2015	1.442	0.710	2.4%	4.23 [1.05, 17.04]
Pickhardt 2014	0.104	0.358	5.1%	1.11 [0.55, 2.24]
Subtotal (95% CI)			**23.6%**	**2.52 [1.52, 4.18]**
Heterogeneity: Tau² = 0.18; Chi² = 10.22, df = 4 (P = 0.04); I² = 61%				
Test for overall effect: Z = 3.58 (P = 0.0003)				
Total (95% CI)			**100.0%**	**1.64 [1.26, 2.13]**
Heterogeneity: Tau² = 0.23; Chi² = 118.34, df = 16 (P < 0.00001); I² = 86%				
Test for overall effect: Z = 3.69 (P = 0.0002)				
Test for subgroup differences: Chi² = 3.94, df = 2 (P = 0.14), I² = 49.2%