Study or Subgroup	log [odds ratio]	SE	Weight (%)	Odds ratio IV, random, 95% CI	Odds ratio IV, random, 95% CI
2.1.1 Case control					
Irwig_2012	3.28	0.678	3.3	26.58 [7.04, 100.37]	
Subtotal (95% CI)			3.3	26.58 [7.04, 100.37]	
Heterogeneity: not applicable					
Test for overall effect: Z=4.84 (p<0.00001)					
2.1.2 Cross section					
Pietrzyk_2015	0.392	0.109	22.0	1.48 [1.20, 1.83]	
Subtotal (95% CI)			22.0	1.48 [1.20, 1.83]	
Heterogeneity: not applicable					
Test for overall effect: Z=3.60 (p=0.0003)					
2.1.3 Cohort					
Welk_2017	0.358	0.038	25.3	1.43 [1.33, 1.54]	
Unger_2016	0.104	0.046	25.1	1.11 [1.01, 1.21]	
Hagberg_2017	−0.128	0.066	24.3	0.88 [0.77, 1.00]	
Subtotal (95% CI)			74.6	1.12 [0.86, 1.46]	
Heterogeneity: Tau^2=0.05; chi^2=46.25, df=2 (p<0.00001); I^2=96%					
Test for overall effect: Z=0.86 (p=0.39)					
Total (95% CI)			100.0	1.33 [1.02, 1.72]	
Heterogeneity: Tau^2=0.07; chi^2=69.99, df=4 (p<0.00001); I^2=94%					
Test for overall effect: Z=2.12 (p=0.03)					
Test for subgroup differences: chi^2=21.79, df=2 (p<0.00001); I^2=90.8%					

0.02   0.1   1   10   50
Favours [5-ARI]   Harm [5-ARI]

Supplement 2. Sensitivity analysis for OR.