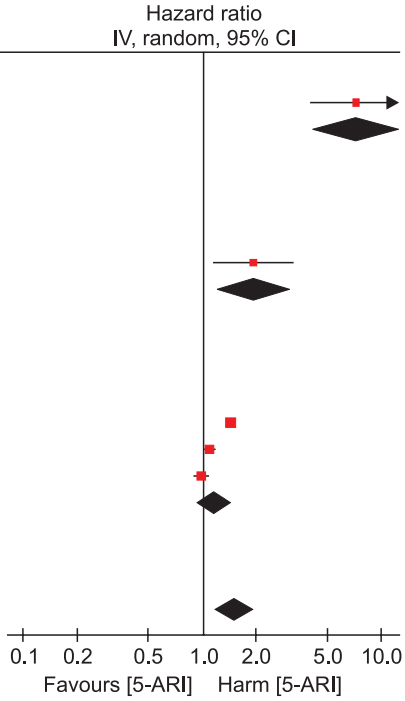
Study or Subgroup	log [odds ratio]	SE	Weight (%)	Hazard ratio IV, random, 95% CI
1.1.1 Case control				
Irwig_2012	1.986	0.306	11.0	7.29 [4.00, 13.27]
Subtotal (95% CI)			11.0	7.29 [4.00, 13.27]
Heterogeneity: not applicable				
Test for overall effect: Z=6.49 (p<0.00001)				
1.1.2 Cross section				
Pietrzyk_2015	0.66	0.264	13.0	1.93 [1.15, 3.25]
Subtotal (95% CI)			13.0	1.93 [1.15, 3.25]
Heterogeneity: not applicable				
Test for overall effect: Z=2.50 (p=0.01)				
1.1.3 Cohort				
Welk_2017	0.368	0.034	25.6	1.44 [1.35, 1.54]
Unger_2016	0.095	0.042	25.4	1.10 [1.01, 1.19]
Hagberg_2017	−0.015	0.053	25.0	0.99 [0.89, 1.09]
Subtotal (95% CI)			76.0	1.16 [0.92, 1.47]
Heterogeneity: Tau^2=0.04; chi^2=47.07, df=2 (p<0.00001); I^2=96%				
Test for overall effect: Z=1.28 (p=0.20)				
Total (95% CI)			100.0	1.52 [1.17, 1.98]
Heterogeneity: Tau^2=0.07; chi^2=83.55, df=4 (p<0.00001); I^2=95%				
Test for overall effect: Z=3.13 (p=0.002)				
Test for subgroup differences: chi^2=32.12, df=2 (p<0.00001); I^2=93.8%				



Supplement 1. Sensitivity analysis for HR.