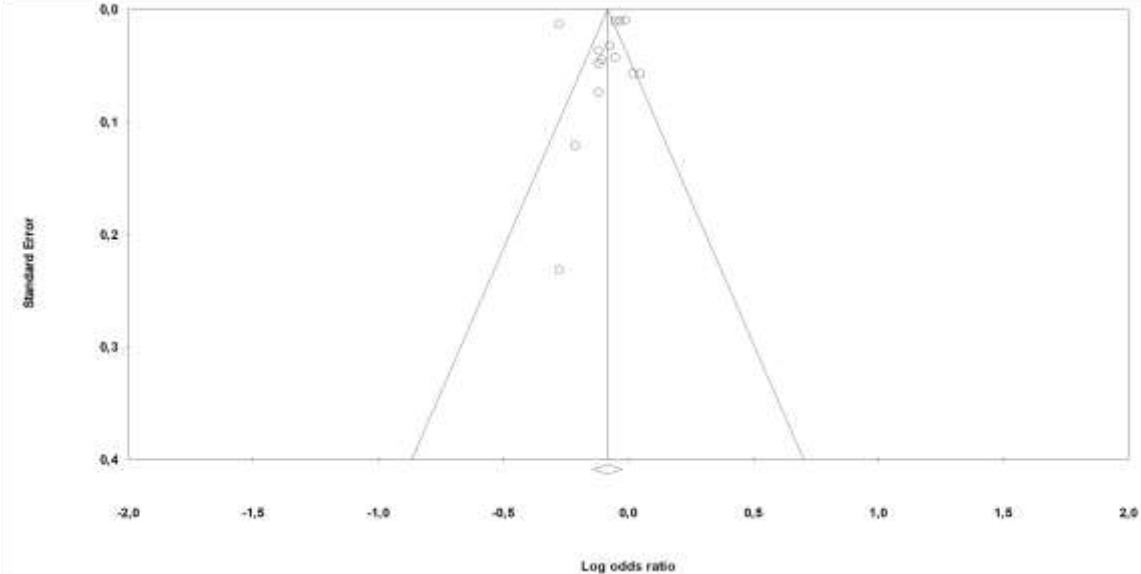**Supplemental Table 1.** Quality of studies assessment (Newcastle-Ottawa scale) for included studies
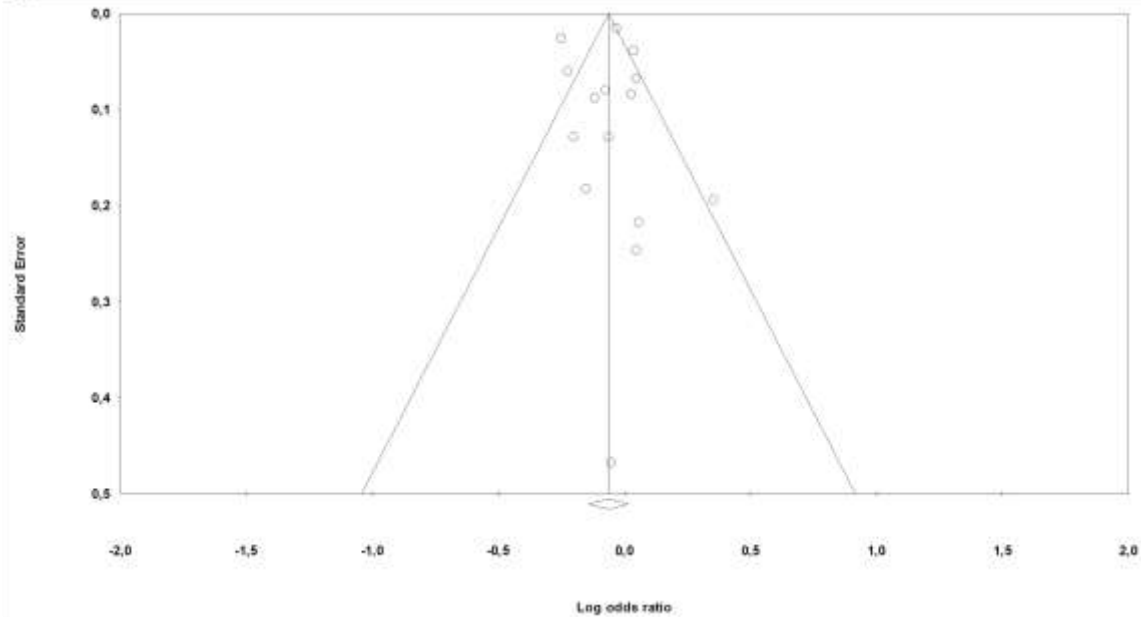
	Representativeness of the exposed cohort	Selection of the non exposed cohort	Ascertainment of exposure	Demonstration that outcome of interest was not present at start of study	Comparability of cohorts	Assessment of outcome	Length of follow-up	Lost at follow up	Total
Baik 2013	✹	✹		✹	✹		✹		5/8
Bernstein 2010		✹		✹	✹	✹	✹	✹	6/8
Bernstein 2012	✹	✹		✹	✹	✹	✹	✹	7/8
Etemadi 2017	✹	✹		✹	✹	✹	✹		6/8
Farvid 2017	✹	✹		✹	✹	✹	✹	✹	7/8
Haring 2014	✹	✹		✹	✹		✹		5/8
Haring 2015	✹	✹		✹	✹	✹	✹		6/8
Kappeler 2013	✹	✹		✹	✹	✹	✹		6/8
Key 2019	✹	✹		✹	✹	✹	✹	✹	7/8
Lee 2013		✹		✹	✹				3/8
Nagao 2012	✹	✹		✹	✹	✹	✹		6/8
Park 2017	✹	✹		✹	✹	✹	✹		6/8
Rohrmann 2013	✹	✹		✹	✹	✹	✹	✹	7/8
Sauvaget 2012	✹	✹		✹	✹	✹	✹		6/8
Sluik 2017	✹	✹		✹	✹	✹	✹		6/8
Takata 2013	✹	✹		✹	✹	✹		✹	6/8
Tong 2020	✹	✹		✹	✹	✹	✹		6/8
Van den Brandt 2019	✹	✹		✹	✹	✹	✹		6/8
Wang 2020		✹		✹	✹	✹	✹	✹	6/8
Whiteman 1999	✹	✹		✹	✹	✹	✹	✹	7/8
Wurtz 2016	✹	✹		✹	✹	✹	✹	✹	7/8
Zhong 2020	✹	✹		✹	✹	✹	✹	✹	7/8

Supplemental Figure 1. Funnel plots of the log OR versus the standard error for studies evaluating all-cause mortality (Panel A), CVD mortality (Panel B), and CVD events (Panel C).
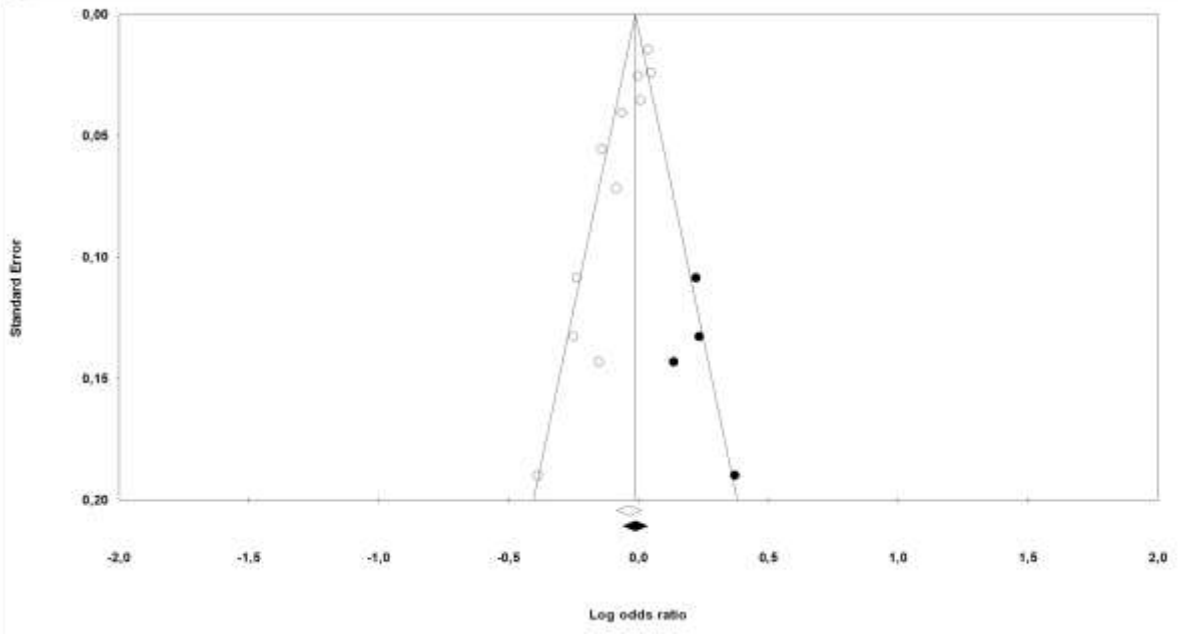
C

Supplemental Table 2. Metaregression analyses for all-cause mortality.

	All-cause mortality	
	Z-value	P-value
Age	-0,92	0,358
Male gender	-0,97	0,334
BMI	-1,10	0,272
Hypertension	-1,83	0,067
Diabetes	-0,34	0,736
CAD	-0,91	0,363
Smoking	0,71	0,475
Follow-up	-0,62	0,534