

Supplementary file 2: Results of the assessment of risk of bias in included observational studies

Study ID	1. Bias caused by confounding	2. Bias caused by selection of participants	3. Bias caused by classification of interventions	4. Bias caused by deviations from intended interventions	5. Attrition bias caused by missing data	6. Detection bias caused by measurement of outcomes	7. Reporting bias caused by selection of the reported results	Overall judgement
Bosetti 2009	SERIOUS	SERIOUS	SERIOUS	MODERATE	LOW	SERIOUS	MODERATE	SERIOUS
Cabaniols 2011	SERIOUS	SERIOUS	SERIOUS	MODERATE	LOW	SERIOUS	MODERATE	SERIOUS
Cartwright 1981	SERIOUS	SERIOUS	SERIOUS	MODERATE	LOW	MODERATE	MODERATE	SERIOUS
Colditz 1990	SERIOUS	MODERATE	SERIOUS	MODERATE	SERIOUS	LOW	MODERATE	SERIOUS
Duran Aguero 2015	SERIOUS	MODERATE	SERIOUS	MODERATE	No information	MODERATE	SERIOUS	SERIOUS
Gallus 2007	SERIOUS	SERIOUS	SERIOUS	MODERATE	LOW	SERIOUS	MODERATE	SERIOUS
Goodman 1986	SERIOUS	SERIOUS	MODERATE	MODERATE	LOW	SERIOUS	MODERATE	SERIOUS
Guo 2014	SERIOUS	SERIOUS	SERIOUS	MODERATE	SERIOUS	LOW	MODERATE	SERIOUS
Gurney 1997	SERIOUS	SERIOUS	SERIOUS	MODERATE	LOW	SERIOUS	MODERATE	SERIOUS
Howe 1977	SERIOUS	SERIOUS	SERIOUS	MODERATE	SERIOUS	LOW	MODERATE	SERIOUS
Iscovich 1987	SERIOUS	SERIOUS	SERIOUS	MODERATE	LOW	SERIOUS	MODERATE	SERIOUS
Kessler 1978	SERIOUS	SERIOUS	SERIOUS	MODERATE	LOW	SERIOUS	MODERATE	SERIOUS
Lim 2006	SERIOUS	MODERATE	SERIOUS	MODERATE	SERIOUS	MODERATE	MODERATE	SERIOUS
McCullogh 2013	SERIOUS	SERIOUS	SERIOUS	MODERATE	MODERATE	LOW	MODERATE	SERIOUS
Moller-Jensen 1983	SERIOUS	SERIOUS	SERIOUS	MODERATE	SERIOUS	SERIOUS	MODERATE	SERIOUS
Momas 1994	SERIOUS	SERIOUS	SERIOUS	MODERATE	SERIOUS	MODERATE	MODERATE	SERIOUS
Mommsen 1983	SERIOUS	SERIOUS	SERIOUS	MODERATE	LOW	MODERATE	MODERATE	SERIOUS
Naismith 1995	SERIOUS	MODERATE	SERIOUS	MODERATE	LOW	LOW	MODERATE	SERIOUS
Naismith 1995	SERIOUS	MODERATE	SERIOUS	MODERATE	LOW	LOW	MODERATE	SERIOUS
Najem 1982	SERIOUS	SERIOUS	SERIOUS	MODERATE	LOW	SERIOUS	MODERATE	SERIOUS
Nomura 1991	SERIOUS	SERIOUS	SERIOUS	MODERATE	MODERATE	SERIOUS	MODERATE	SERIOUS
Parker 1997	SERIOUS	SERIOUS	SERIOUS	MODERATE	SERIOUS	LOW	MODERATE	SERIOUS
Porikos 1982	SERIOUS	MODERATE	SERIOUS	MODERATE	MODERATE	MODERATE	MODERATE	SERIOUS
Simon 1975	SERIOUS	SERIOUS	SERIOUS	MODERATE	MODERATE	MODERATE	MODERATE	SERIOUS

Stanhope 2013	SERIOUS	MODERATE	SERIOUS	MODERATE	MODERATE	MODERATE	MODERATE	SERIOUS
Stanhope 2015	SERIOUS	MODERATE	SERIOUS	MODERATE	MODERATE	LOW	MODERATE	SERIOUS
Tordoff 1990	SERIOUS	MODERATE	LOW	MODERATE	LOW	LOW	MODERATE	SERIOUS
Wolraich 1994	SERIOUS	SERIOUS	LOW	LOW	LOW	LOW	MODERATE	SERIOUS
Yu 1997	SERIOUS	SERIOUS	SERIOUS	MODERATE	LOW	SERIOUS	MODERATE	SERIOUS
Zanela 2002	SERIOUS	MODERATE	LOW	MODERATE	LOW	LOW	MODERATE	SERIOUS
Duran Agüero 2014	SERIOUS	SERIOUS	SERIOUS	LOW	LOW	LOW	MODERATE	SERIOUS
Kuk 2016	SERIOUS	SERIOUS	SERIOUS	LOW	MODERATE	LOW	MODERATE	SERIOUS
Wulaningsih 2016	SERIOUS	SERIOUS	SERIOUS	LOW	MODERATE	LOW	MODERATE	SERIOUS
Serra-Majem 1996	SERIOUS	SERIOUS	SERIOUS	LOW	LOW	LOW	MODERATE	SERIOUS
Fernandes 2013	SERIOUS	SERIOUS	SERIOUS	LOW	LOW	LOW	MODERATE	SERIOUS