## Additional file 6: Reference list of the excluded studies, including reason for exclusion

Authors	Year	Title	Reason for exclusion	Authors	Year	Title	Reason for exclusion
3C study group	2003	Vascular factors and risk of dementia: Design of the Three- City Study and baseline characteristics of the study population	Wrong study design	Iglesias, C. and Taboada, J.	2014	Radon in Galicia	wrong outcome
Abaci et al	2012	Management of cardiovascular risk factors for primary prevention: evaluation of Turkey results of the EURIKA study	Wrong outcome	lmamura et al	2015	Consumption of sugar sweetened beverages, and fruit juice and incidence of type 2 diabetes: systematic review, meta- analysis, and estimation of population attributable fraction	wrong outcome
Adamson et al	2004	Is stroke the most common cause of disability?	Wrong outcome	Imamura et al	2016	Consumption of sugar sweetened beverages, artificially sweetened beverages, and fruit juice and incidence of type 2 diabetes: systematic review, meta-analysis, and estimation of population attributable fraction	duplicate
Adjibadeet al	2017	Combined healthy lifestyles and risk of depressive symptoms in the nutrinet-Santé cohort	Duplicate	Irigaray et al	2007	Lifestyle-related factors and environmental agents causing cancer: an overview	wrong study design
Adjibadeet al	2018	Prospective association between combined healthy lifestyles and risk of depressive symptoms in the French NutriNet-Santé cohort	Wrong outcome	Islami et al	2011	A cross-sectional study of cardiovascular disease and associated factors	wrong outcome
Adliene et al	2020	Occupational radiation exposure of health professionals and cancer risk assessment for Lithuanian nuclear medicine workers	wrong outcome	Islami et al	2014	A systematic review and meta-analysis of tobacco use and prostate cancer mortality and incidence in prospective cohort studies	wrong outcome
Adovasio et al	2015	Cancer registries underestimate both the type of disease and also number of cases due to pollution	Wrong outcome	Jaakkola, M. S. and Jaakkola, J. J.	2012	Assessment of public health impact of work-related asthma	wrong study design
Agabito et al	1999	The impact of parental smoking on asthma and wheezing	Wrong outcome	Jacobi, W.	1999	Radiation exposure and attributable cancer risk in former miners of the WISMUT uranium mining company	wrong outcome
Agudo et al	2012	Impact of cigarette smoking on cancer risk in the European prospective investigation into cancer and nutrition study	Wrong outcome	Jarvholm et al	1993	Quantitative importance of asbestos as a cause of lung cancer in a Swedish industrial city: A case-referent study	wrong outcome
Ahlgren et al	2004	Growth patterns and the risk of breast cancer in women	Wrong outcome	Jarvholm et al	2011	Mortality in Sweden related to occupational exposures	wrong outcome
Aigner et al	2018	Low diet quality and the risk of stroke mortality: The multiethnic cohort study	Wrong outcome	Jedrychowski et al	1992	Effect of tobacco smoking on various histological types of lung cancer	wrong study design
Aigner et al	2016	To what extent do established risk factors explain? A case- control study	Wrong outcome	Jha et al	2006	Social inequalities in male mortality, and in male mortality from smoking: indirect estimation from national death rates in England and Wales, Poland, and North America	wrong outcome
Aigner et al	2016	To what extent do established risk factors explain stroke in the young? A case-control study	Wrong outcome	Jiménez et al	2009	Short-term impact of particulate matter (PM2.5) on daily mortality among the over-75 age group in Madrid (Spain)	wrong outcome
Aigner et al	2017	Contribution of Established Stroke Risk Factors to the Burden of Stroke in Young Adults	Wrong outcome	Jimenez, J. D. and Gil, C. L.	2015	Efectos en salud del ruido de tráfico: Más allá de las "molestias". (Health effects of noise trafic: Beyond 'discomfort')	wrong outcome
Ajrouche et al	2017	Quantitative Health Risk Assessment of Indoor Radon: A Systematic Review	Wrong outcome	Jöckel et al	1997	Occupationally-induced lung cancera quantitative evaluation for the North Germany area	wrong outcome
Ajrouche et al	2018	Quantitative health impact of indoor radon in France	wrong outcome	John, U. and Hanke, M.	2001	Mortality attributable to tobacco smoking in german federal states	wrong outcome

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Akdas et ak	1990	Epidemiological case-control study on the etiology of bladder cancer in Turkey	Wrong study design	John, U. and Hanke, M.	2002	Alcohol attributable mortality in a high per capita consumption country - Germany	wrong outcome
Akerkar et al	2017	Educational inequalities in mortality of patients with atrial fibrillation in Norway	Wrong outcome	John, U. and Hanke, M.	2002	Tobacco smoking- and alcohol drinking-attributable cancer mortality in Germany	wrong outcome
Akesson et al	2014	Low-risk diet and lifestyle habits in the primary prevention of myocardial infarction in men: a population-based prospective cohort study	Wrong study design	John, U. and Hanke, M.	2003	Tobacco- and alcohol-attributable mortality and years of potential life lost in Germany	wrong outcome
Al Tunaiji et al	2014	Population attributable fraction of type 2 diabetes due to physical inactivity in adults: a systematic review	Wrong outcome	Johnson et al	2005	The impact of the 2003 heat wave on daily mortality in England and Wales and the use of rapid weekly mortality estimates	wrong outcome
Alavi et al	2018	The contribution of alcohol use disorder to decompensated cirrhosis among people with hepatitis C: An international study	Wrong outcome	Juel, K.	2001	Impact of tobacco, alcohol overconsumption and drug abuse on mortality in Denmark. Trends over 25 years, 1973-1997	wrong outcome
Albareda et al	2003	Diabetes and abnormal glucose tolerance in women with previous gestational diabetes	Wrong study design	Jürgens et al	2015	Using lung cancer mortality to indirectly approximate smoking patterns in space	wrong study design
Albin et al	1999	Asbestos and cancer: An overview of current trends in Europe	Wrong outcome	Kaila-Kangas et al	2016	Alcohol-induced morbidity and mortality by occupation: a population-based follow-up study of working Finns	wrong outcome
Aleksandri at al	2003	Alcohol consumption and its connection with mortality from cardiovascular diseases in 40-59 years old men (data from 21.5 year prospective study)	Wrong outcome	Kallberg et al	2011	Smoking is a major preventable risk factor for rheumatoid arthritis: estimations of risks after various exposures to cigarette smoke	wrong outcome
Aleksandri at al	2014	Combined impact of healthy lifestyle factors on colorectal cancer: A large European cohort study	Wrong study design	Kark et al	1995	Are lean smokers at increased risk of lung cancer? The Israel civil servant cancer study	wrong outcome
Almasi at al	2019	Investigation of Climatic, Health and Economic Factors Affecting on Mortality in the Eastern Mediterranean Region	Wrong outcome	Kazakos et al	2020	Quantifying the health burden misclassification from the use of different PM2.5 exposure tier models: A case study of London	wrong outcome
Almeida at al	2014	Effects of exposure to particles and ozone on hospital admissions for cardiorespiratory diseases in SetúBal, Portugal	Wrong outcome	Kearns et al	2014	Chronic disease burden associated with overweight and obesity in Ireland: the effects of a small BMI reduction at population level	wrong outcome
Altieri at al	2004	Occupational and leisure time physical activity and the risk of nonfatal acute myocardial infarction in Italy	Wrong outcome	Kelly et al	2009	Mortality attributable to excess adiposity in England and Wales in 2003 and 2015: Explorations with a spreadsheet implementation of the Comparative Risk Assessment methodology	Wrong outcome
Anantharaman et al	2011	Population attributable risk of tobacco and alcohol for upper aerodigestive tract cancer	Wrong outcome	Kendall et al	2011	Numbers and proportions of leukemias in young people and adults induced by radiation of natural origin	wrong study design
Ancellin, R. and Bessette, D.	2013	Overweight, obesity and cancer risks	Wrong outcome	Key et al	2006	Meta-analysis of studies of alcohol and breast cancer with consideration of the methodological issues	Wrong study design
Anderson et al	2003	Particulate air pollution and hospital admissions for card iorespiratory diseases: are the elderly at greater risk?	Wrong outcome	Khaniabadi et al	2017	Human health risk assessment due to ambient PM10 and SO2 by an air quality modeling technique	Wrong outcome
Andersson et al	2018	Tackling the tobacco epidemic in the Nordic countries and lower cancer incidence by 1/5 in a 30-year periodâ€"The effect of envisaged scenarios changing smoking prevalence	Wrong outcome	Khreis et al	2018	Traffic-related air pollution and the local burden of childhood asthma in Bradford, UK	Wrong outcome
Andersson et al	2019	Avoidable cancers in the Nordic countries-the potential impact of increased physical activity on postmenopausal breast, colon and endometrial cancer	Wrong outcome	Kihal-Talantikite et al	2019	Premature Adult Death and Equity Impact of a Reduction of NO2, PM10, and PM2.5 Levels in Paris-A Health Impact Assessment Study Conducted at the Census Block Level	Wrong outcome

Authors	Year	Title	Reason for exclusion	Authors	Year	Title	Reason for exclusion
Andersson et al	2018	Avoidable cancers in the Nordic countries-The impact of alcohol consumption	Wrong outcome	Kikkenborg Berg et al	2017	Anxiety, depression and risk behaviour in cardiac patients. Findings from the national DenHeart survey	wrong study design
Andersson et al	2017	Avoidable cancer cases in the Nordic countries - The impact of overweight and obesity	Wrong outcome	Kim et al	2013	Influence of life-style choices on locomotor disability, arthritis and cardiovascular disease in older women: prospective cohort study	wrong study design
Andreasson et al	1997	Mortality and morbidity related to alcohol	Wrong outcome	Kim et al	2016	Attributable risk of lung cancer deaths due to indoor radon exposure	Wrong outcome
Andriolo et al	2019	Traditional risk factors for essential hypertension: analysis of their specific combinations in the EPIC-Potsdam cohort	Wrong study design	Kim et al	2018	Indoor radon and lung cancer: estimation of attributable risk, disease burden, and effects of mitigation	Wrong population
Antonsen et al	2020	Exposure to air pollution during childhood and risk of developing schizophrenia: a national cohort study	Wrong outcome	Kirk R. Smith, Sumi Mehta	2003	The burden of disease from indoor air pollution in developingcountries: comparison of estimates	wrong study design
Apte et al	2015	Addressing Global Mortality from Ambient PM2.5	wrong outcome	Kivimäki et al	2012	Job strain as a risk factor for coronary heart disease: A collaborative meta-analysis of individual participant data	Wrong outcome
Arnedo et al	2007	Incidence of asthma and risk factors in a cohort of schoolchildren aged from 6-7 years old to 14-15 years old in Castellón (Spain) following the International Study of Asthma and Allergies in Childhood (ISAAC)	Wrong outcome	Knoops et al	2004	Mediterranean diet, lifestyle factors, and 10-year mortality in elderly European men and women: The HALE project	Wrong outcome
Arnesen et al	2004	Can the value choices in DALYs influence global priority- setting?	Wrong study design	Kocić et al	1996	Some insufficiently recognized risk factors for breast cancer	wrong study design
Arnold et al	2018	Global burden of cutaneous melanoma attributable to ultraviolet radiation in 2012	Wrong outcome	Kogevinas et al	2003	Occupation and bladder cancer among men in Western Europe	wrong study design
Arnold et al	2018	Cutaneous melanoma in France in 2015 attributable to solar ultraviolet radiation and the use of sunbeds	Wrong outcome	Kogevinas et al	1996	The risk of asthma attributable to occupational exposures: A population- based study in Spain	wrong study design
Arnold et al	2015	Global burden of cancer attributable to high body-mass index in 2012: a population-based study	Wrong outcome	Kogevinas et al	2007	Exposure to substances in the workplace and new-onset asthma: an international prospective population-based study (ECRHS-II)	wrong study design
Arnold et al	2018	Cancers in France in 2015 attributable to high body mass index	Wrong outcome	Konnopka et al	2011	Health burden and costs of obesity and overweight in Germany	Wrong outcome (YPLL)
Arroyo et al	2016	Impact of air pollution and temperature on adverse birth outcomes: Madrid, 2001-2009	Wrong outcome	Konnopka et al	2009	The health and economic consequences of moderate alcohol consumption in Germany 2002	Wrong outcome (YPLL)
Asma et al	2004	Addressing the chronic disease burden with tobacco control programs	Wrong outcome	Kopel et al	2013	Mediterranean diet for primary prevention of cardiovascular disease[1]	No methodological information
Aune et al	2016	Nut consumption and risk of cardiovascular disease, total cancer, all-cause and cause-specific mortality: A systematic review and dose-response meta-analysis of prospective studies	wrong study design	Kraus et al	2018	Quantification of environmental burden of disease related to nitrogen dioxide exposure in Germany	No methodological information
Axelson, O.	2002	Alternative for estimating the burden of lung cancer from occupational exposures - Some calculations based on data from Swedish men	Wrong outcome	Kuijer et al	2015	Annual incidence of non-specific low back pain as an occupational disease attributed to whole-body vibration according to the National Dutch Register 2005-2012	Wrong outcome
Baccini et al	2011	Health impact assessment of fine particle pollution at the regional level	Wrong outcome	Kulhánová et al	2016	The role of three lifestyle risk factors in reducing educational differences in ischaemic heart disease mortality in Europe	Wrong outcome
Baccini et al	2015	Commuting-adjusted short-term health impact assessment of airborne fine particles with uncertainty quantification via	wrong outcome	Kulhánová et al	2018	The fraction of lung cancer incidence attributable to fine particulate air pollution in France: Impact of spatial	Wrong outcome

Authors	Year	Title	Reason for exclusion	Authors	Year	Title	Reason for exclusion
		Monte Carlo simulation				resolution of air pollution models	
Bacevičienė et al	2013	Estimation of all-cause and cardiovascular mortality risk in relation to leisure-time physical activity: A cohort study	Wrong outcome	Kulhánová et al	2020	Proportion of cancers attributable to major lifestyle and environmental risk factors in the Eastern Mediterranean region	Wrong outcome
Badyda et al	2018	Cardiopulmonary diseases and lung cancer mortality due to PM2.5 exposure in 11 Polish Agglomerations in 20062015	Wrong outcome	Kunze et al	1993	Outdoor air temperature and mortality in the Netherlands: A time-series analysis	wrong study design
Badyda et al	2014	Screening assessment of the burden of disease due to air pollution in eleven Polish agglomerations	Wrong outcome	Kunze et al	1992	Life style and occupational risk factors for bladder cancer in Germany: A case-control study	wrong study design
Badyda et al	2017	Ambient PM2.5 exposure and mortality due to lung cancer and cardiopulmonary diseases in polish cities	Wrong outcome	La Vecchia et al	2001	Vegetables, fruit, antioxidants and cancer: a review of Italian studies	wrong study design
Baecker et al	2018	Worldwide incidence of hepatocellular carcinoma cases attributable to major risk factors	Wrong outcome	La Vecchia et al	2001	Nutrition and health: epidemiology of diet, cancer and cardiovascular disease in Italy	wrong study design
Banegas Banegas et al	2001	Smoking-attributable deaths in Spain in 1998	Wrong outcome	La Vecchia et al	1995	Attributable risks for stomach cancer in Northern Italy	Wrong outcome
Banegas Banegas et al	1993	Projections of the impact of the smoking habit on the health of the Spanish population and on the potential benefits from its control	Wrong outcome	La Vecchia et al	1996	Attributable risks for colorectal cancer in northern Italy	Wrong outcome
Banegas et al	2005	Recent decrease in smoking-attributable mortality in Spain	Wrong outcome	La Vecchia et al	1997	Body mass index and post-menopausal breast cancer: An age-specific analysis	wrong study design
Banegas et al	2011	Smoking-attributable deaths in Spain, 2006	Wrong outcome	La Vecchia, C.	2004	Mediterranean diet and cancer	wrong study design
Banegas et al	2010	Prevalence and control of traditional cardiovascular risk factors and anticipated avoidable coronary mortality in primary prevention in Europe: The EURIKA study	No methodological information	La Vecchia, C.	2013	Fruit, vegetables and cancer risk	wrong study design
Banegas et al	2003	A simple estimate of mortality attributable to excess weight in the European Union	Wrong outcome	La Vecchia, C. and Bosetti, C.	2006	Diet and cancer risk in Mediterranean countries: open issues	wrong study design
Banegas et al	2003	Mortality attributable to cardiovascular risk factors in Spain	Wrong outcome	La Vecchia, C. and Tavani, A.	1998	Fruit and vegetables, and human cancer	wrong study design
Barbaglia et al	2013	The impact of common health conditions on disability in Europe	Wrong outcome	Laaksonen et al	2010	Estimation of population attributable fraction (PAF) for disease occurrence in a cohort study design	wrong outcome
Barbieri et al	1999	Incidence of malignant mesothelioma (1977-1996) and exposure to asbestos in a population of a lakeside area (Lake Iseo, Northern Italy)	Wrong study design	Lachenmeier, D. W. and Przybylski, M. C.	2012	Comparative risk assessment of carcinogens in alcoholic beverages using the margin of exposure approach	Wrong outcome
Barone-Adesi et al	2005	Population attributable risk for occupational cancer in Italy	Wrong outcome	Lachenmeier, D. W. and Rehm, J.	2015	Comparative risk assessment of alcohol, tobacco, cannabis and other illicit drugs using the margin of exposure approach	Wrong outcome
Barrera et al	1999	Female lung cancer & attributable risk to smoking in the Czech Rep., 1970-1995	Wrong outcome	Lacourt et al	2014	Occupational and non-occupational attributable risk of asbestos exposure for malignant pleural mesothelioma	Wrong outcome
Bartosińska, M. and Ejsmont, J.	2002	Health condition of employees exposed to noiseextra auditory health effects	Wrong outcome	Lacourt et al	2017	Dose-time-response association between occupational asbestos exposure and pleural mesothelioma	Wrong outcome
Battisti et al	2017	Estimates of cancer deaths attributable to behavioural risk factors in Italy, 2013	Wrong outcome	Lacourt et al	2010	Attributable risk in men in two French case-control studies on mesothelioma and asbestos	wrong study design
Bauman, A.	1998	Use of population attributable risk (PAR) in understanding the health benefits of physical activity	Wrong outcome	Laffoy et al	2013	Cancer incidence and mortality due to alcohol: An analysis of 10-year data	Wrong outcome
Becher et al	2018	Estimating lung cancer mortality attributable to second hand	Wrong	Lanting et al	2009	Clustering of socioeconomic, behavioural, and neonatal risk	wrong study

Authors	Year	Title	Reason for exclusion	Authors	Year	Title	Reason for exclusion
		smoke exposure in Germany	outcome			factors for infant health in pregnant smokers	design
Behrens et al	2018	Cancers Due to Excess Weight, Low Physical Activity, and Unhealthy Diet	Wrong outcome	Law et al	2016	Cumulative radiation exposure and associated cancer risk estimates for scoliosis patients: Impact of repetitive full spine radiography	wrong study design
Bello et al	2001	Trend in the mortality attributable to tobacco on the Canary Islands (1975-1994)	Wrong outcome	Lawder et al	2019	Impact of maternal smoking on early childhood health: A retrospective cohort linked dataset analysis of 697 003 children born in Scotland 1997-2009	Wrong outcome
Bendinelli et al	2020	Alcohol, smoking and rectal cancer risk in a Mediterranean cohort of adults: The European Prospective Investigation into Cancer and Nutrition (EPIC)-Italy cohort	Wrong outcome	Lear et al	2017	The effect of physical activity on mortality and cardiovascular disease in 130â€^000 people from 17 high-income, middle-income, and low-income countries: the PURE study	Wrong outcome
Bergstrom et al	2001	Overweight as an avoidable cause of cancer in Europe	Wrong outcome	Lee et al	2012	Effect of physical inactivity on major non-communicable diseases worldwide: An analysis of burden of disease and life expectancy	Wrong outcome
Bernal et al	2007	Risk factors for suicidality in Europe: Results from the ESEMED study	Wrong outcome	Lee et al	2009	Systematic review of the relation between smokeless tobacco and cancer in Europe and North America	Wrong study design
Bernardo et al	2019	Relationships between air pollutants and mortality in Portugal-an environmental health assessment	No methodological information	Legrand Cattan et al	2000	Evaluation of occupational exposures in lung cancer	Wrong outcome
Bjørnelv et al	2021	Modelling childhood obesity in Norway - The MOON study	No methodological information	Lelieveld et al	2020	Loss of life expectancy from air pollution compared to other risk factors: a worldwide perspective	duplicate
Blanc et al	2019	The occupational burden of nonmalignant respiratory diseases an official American thoracic society and european respiratory society statement	Wrong outcome	Levi et al	1996	Alcohol and breast cancer in the Swiss Canton of Vaud	wrong study design
Blanc et al	1999	How much adult asthma can be attributed to occupational factors?	Wrong outcome	Levi et al	1999	Occupational and leisure-time physical activity and the risk of colorectal cancer	wrong study design
Blankenberg, S.	-	Large Scale Analysis of Lifetime Risk of Cardiovascular Disease in Europe and Population Attributable Risk of Cardiovascular Risk Factors for the Biomarkers for Cardiovascular Risk Assessment in Europe (BiomarCaRE) Investigators	Wrong study design	Licaj et al	2016	Epithelial ovarian cancer subtypes attributable to smoking in the Norwegian Women and Cancer Study, 2012	Wrong outcome
Bobylev, N.	2004	Comparative risk assessment and environmental impact assessment: Similarity in quantitative methods	Wrong outcome	Lima et al	2012	Burden of disease attributable to risk factors in the northern region of Portugal	No methodological information
Bochicchio et al	2013	Quantitative evaluation of the lung cancer deaths attributable to residential radon: A simple method and results for all the 21 Italian Regions	Wrong outcome	Lindberg et al	2006	Prevalence and underdiagnosis of COPD by disease severity and attributable fraction of smoking. Report from the Obstructive Lung Disease in Northern Sweden Studies (vol 100, pg 264, 2006)	Wrong outcome
Bodenant et al	2012	Comparison of coronary heart disease and stroke risks attributable to vascular risk factors: Results from the prime study	No methodological information	Lissowska et al	2003	Smoking, alcohol, diet, dentition and sexual practices in the epidemiology of oral cancer in Poland	wrong outcome
Boffetta, P.	2012	The burden of lung cancer in non-smokers	No methodological information	Little et al	2009	Updated estimates of the proportion of childhood leukaemia incidence in Great Britain that may be caused by natural background ionising radiation	wrong study design

Authors	Year	Title	Reason for exclusion	Authors	Year	Title	Reason for exclusion
Boffetta, P.	2010	An estimate of cancers attributable to occupational exposures in France	Wrong outcome	Liutkute et al	2017	Burden of smoking in Lithuania: attributable mortality and years of potential life lost	Wrong outcome (YPLL)
Boffetta, P.	2006	The burden of cancer attributable to alcohol drinking	Wrong outcome	Lock, K.	2005	The Global Burden of Disease attributable to low fruit and vegetable intake - What does this mean for public health policy in Europe?	duplicate
Bonaldi et al	2019	Hospitalizations for cardiovascular diseases attributable to tobacco smoking in France in 2015	Wrong outcome	López et al	2016	Mortality attributable to secondhand smoke exposure in Spain (2011)	wrong outcome
Borch et al	2011	Physical activity and mortality among Norwegian women - the Norwegian Women and Cancer study	Wrong outcome	Maag et al	2013	Direct estimation of death attributable to smoking in Switzerland based on record linkage of routine and observational data	wrong outcome
Borges et al	2007	Smoking attributable mortality in Portugal	Duplicate	Macera, C. A. and Powell, K. E.	2001	Population attributable risk: implications of physical activity dose	wrong outcome
Bosetti et al	2000	Fraction of prostate cancer incidence attributed to diet in Athens, Greece	Wrong outcome	Machii, R. and Saika, K.	2012	Mortality attributable to tobacco by region based on the WHO global report	wrong outcome
Boshuizen et al	2017	Taking multi-morbidity into account when attributing DALYs to risk factors: comparing dynamic modeling with the GBD2010 calculation method	Wrong study design	Magnani, C. and Leporati, M.	1998	Mortality from lung cancer and population risk attributable to asbestos in an asbestos cement manufacturing town in Italy	wrong outcome
Bovenzi et al	1992	Lung cancer and occupation: attributable risk in the province of Trieste	Wrong outcome	Manczuk et al	2017	Time trends in tobacco-Attributable cancer mortality in Poland - Direct estimation method	wrong outcome
Brát et al	2015	Dietary changes in relationship to risk factors and coronary heart disease mortality	Wrong outcome	Manczuk, M.	2011	Direct Estimation of Tobacco-Attributable Cancer Mortality in Poland	wrong outcome
Brauer et al	2012	Exposure assessment for estimation of the global burden of disease attributable to outdoor air pollution	Wrong outcome	Manthey et al	2017	Quantifying the global contribution of alcohol consumption to cardiomyopathy	wrong outcome
Briggs et al	2017	Health impact assessment of the UK soft drinks industry levy: a comparative risk assessment modelling study	Wrong outcome	Marant Micallef et al	2019	Cancers in France in 2015 attributable to occupational exposures	wrong outcome
Britton, A. and McPherson, K.	2001	Mortality in England and Wales attributable to current alcohol consumption	Wrong outcome	Marczak et al	2018	Global deaths attributable to high systolic blood pressure, 1990-2016	wrong outcome
Brønnum-Hansen et al	2001	Abstention from smoking extends life and compresses morbidity: a population based study of health expectancy among smokers and never smokers in Denmark	Wrong study design	Marmet et al	2016	The importance of age groups in estimates of alcohol- attributable mortality: impact on trends in Switzerland between 1997 and 2011	No methodological information
Brønnum-Hansen et al	2002	Healthy life years lost due to smoking	Duplicate	Marques-Vidal et al	2011	Burden of disease attributable to obesity and overweight in Switzerland	No methodological information
Brønnum-Hansen H.	2000	Predicted effect of smoking cessation of tobacco-related mortality	Wrong outcome	Martin et al	2010	Alcohol-attributable mortality in Ireland	Wrong outcome (PYLL)
Brown et al	2018	What proportion of cancers in the UK and its constituent countries could be prevented? An updated analysis	Wrong outcome	Martín-Ramiro et al	2014	Mortality attributable to excess weight in Spain	Wrong outcome
Bruffaerts et al	2015	Examination of the population attributable risk of different risk factor domains for suicidal thoughts and behaviors	Wrong outcome	Martins et al	2019	Burden of disease attributable to exposure to aflatoxins in Portugal using Human biomonitoring data	No methodological information
Campbell- Lendrum, D. and Woodruff, R.	2006	Comparative risk assessment of the burden of disease from climate change	Wrong outcome	Maugeri et al	2020	The association of social and behavioral factors with dietary risks in adults: Evidence from the Kardiovize Brno 2030 study	wrong study design
Cao et al	2018	Cancers attributable to tobacco smoking in France in 2015	Wrong	Mazloumi et al	2019	Avoidable Burden of Cardiovascular Diseases in the Eastern	Wrong

Authors	Year	Title	Reason for exclusion	Authors	Year	Title	Reason for exclusion
			outcome			Mediterranean Region: Contribution of Selected Risk Factors for Cardiovascular-Related Deaths	population
Cao et al	2019	Mortality trends of colorectal cancer among overweight patients at the global and national levels	Wrong outcome	McKenzie et al	2016	Healthy lifestyle and risk of cancer in the European prospective investigation into cancer and nutrition cohort study	Wrong outcome
Cardis et al	2006	Estimates of the cancer burden in Europe from radioactive fallout from the Chernobyl accident	Wrong outcome	Medrano et al	2007	Coronary disease risk attributable to cardiovascular risk factors in the Spanish population	wrong outcome
Carreras et al	2019	Deaths from noncommunicable diseases attributable to behavioral risk factors in Italy and Italian regions, 2016	Wrong outcome	Mehta et al	2020	Excess body weight, cigarette smoking, and type II diabetes incidence in the national FINRISK studies	Wrong outcome
Carreras et al	2011	Prediction of future smoking attributable deaths for lung cancer in Italy under primary and secondary prevention scenarios	Wrong study design	Mele et al	1997	Incidence of and risk factors for hepatitis A in Italy: Public health indications from a 10-year surveillance	Wrong outcome
Castro et al	2020	Comparing the lung cancer burden of ambient particulate matter using scenarios of air quality standards versus acceptable risk levels	Wrong outcome	Menvielle et al	2018	Tobacco-attributable burden of cancer according to socioeconomic position in France	Wrong outcome
Catalá-López, F. and Gènova- Maleras, R.	2013	Disease burden attributable to major risk factors in western European Countries: The challenge of controlling cardiovascular risk factors	No methodological information	Menzler et al	2008	Population attributable fraction for lung cancer due to residential radon in Switzerland and Germany	wrong outcome
Catelinois et al	2006	Lung cancer attributable to indoor radon exposure in France: Impact of the risk models and uncertainty analysis	Wrong outcome	Mezzetti et al	1998	Population attributable risk for breast cancer: Diet, nutrition, and physical exercise	Wrong outcome
Cerveri at al	2010	Women and smoking-related diseases: Mortality and morbidity in Italy and in the rest of the world	Wrong outcome	Micha et al	2012	Estimating the global and regional burden of suboptimal nutrition on chronic disease: methods and inputs to the analysis	wrong study design
Chakraborty et al	2017	Impact of high-BMI (body mass index) on non-communicable diseases in the European Union	No methodological information	Mir, L.	2007	The impact of major heat waves on all-cause and cause- specific mortality in France from 1971 to 2003	Wrong outcome
Chakraborty et al	2016	Selected Non-Communicable Disease (NCD) burden attributable to dietary risks and low physical activity for the Republic of Ireland in 1990 and 2013	No methodological information	Mons et al	2018	Cancers Due to Smoking and High Alcohol Consumption	Wrong outcome
Chakraborty et al	2016	Burden of cancer attributable to high Body Mass Index (BMI) in the Republic of Ireland for 1990 and 2013	No methodological information	Mons et al	2019	Recalculation of Tobacco-Attributable Mortality: National and Regional Data for Germany	Wrong outcome
Chakraborty et al	2016	Contribution of tobacco use and dietary risks to the Cardio Vascular Disease (CVD) deaths in Ireland between 1990 and 2013	No methodological information	Mons, U.	2016	Demographic ageing and the evolution of smokingattributable mortality: The example of Germany	Wrong outcome
Chambliss et al	2014	Estimating source-attributable health impacts of ambient fine particulate matter exposure: global premature mortality from surface transportation emissions in 2005	Wrong outcome	Morfeld, P. and Erren, T. C.	2017	Premature deaths attributed to ambient air pollutants: let us interpret the Robins-Greenland theorem correctly	No methodological information
Chan-Yeung, M.	2003	Occupational asthma - Global perspective	Wrong outcome	Morgenstern et al	2000	Comparative risk assessment: An international comparison of methodologies and results	Wrong outcome
Cheng et al	2013	Current and Former Smoking and Risk for Venous Thromboembolism: A Systematic Review and Meta-Analysis	Wrong outcome	Mozaffarian et al	2013	The global impact of sodium consumption on cardiovascular mortality: A global, regional, and national comparative risk assessment	No methodological information
Cipriani et al	1998	Alcohol-related mortality in Italy	Wrong	Mozaffarian et al	2014	Global sodium consumption and death from cardiovascular	wrong

Authors	Year	Title	Reason for exclusion	Authors	Year	Title	Reason for exclusion
			outcome (PYLL)			causes	outcome
Coeurjolly et al	2012	Attributable risk estimation for adjusted disability multistate models: Application to nosocomial infections	Wrong outcome	Muñoz et al	2002	Evolution of the mortality attributable to alcohol consumption in Catalonia, 1988-1997	Wrong outcome (PYLL)
Collaborators, G. B. D. Risk Factor	2018	Global, regional, and national comparative risk assessment of 84 behavioural, environmental and occupational, and metabolic risks or clusters of risks for 195 …	Duplicate	Nagelhout et al	2012	The effect of tobacco control policies on smoking prevalence and smoking-attributable deaths. Findings from the Netherlands SimSmoke Tobacco Control Policy Simulation Model	wrong study design
Collins et al	2017	Cancer incidence and mortality due to excess body weight in Ireland: An analysis of 10-year data	Wrong outcome	Nambiema et al	2020	Proportion of upper extremity musculoskeletal disorders attributable to personal and occupational factors: results from the French Pays de la Loire study	Wrong outcome
Continente et al	2019	Burden of respiratory disease attributable to secondhand smoke exposure at home in children in Spain (2015)	Wrong outcome	Näyhä et al	2007	Heat mortality in Finland in the 2000s	Wrong outcome
Continente et al	2018	Morbidity attributable to secondhand smoke exposure in children under 5 years old in Spain, 2015	Duplicate	Negri et al	1993	Attributable risk for oral cancer in northern Italy	Wrong outcome
Coombs et al	2015	Physical inactivity among older adults: Implications for life expectancy among non-overweight and overweight or obese individuals	Wrong outcome	Negri et al	1995	Attributable risks for nonfatal myocardial infarction in Italy	Wrong outcome
Corrao et al	1998	Risk of inflammatory bowel disease attributable to smoking, oral contraception and breastfeeding in Italy: A nationwide case-control study	Wrong study design	Negri et al	1992	Attributable Risks for Esophageal Cancer in Northern Italy	Wrong outcome
Corrao et al	1998	Attributable risk for symptomatic liver cirrhosis in Italy	Wrong outcome	Neilson, A. and Schneider, H.	2005	Obesity and its comorbidities: Present and future importance on health status in Switzerland	Wrong outcome
Cortez-Pinto et al	2009	Liver disease is the main burden of illness attributable to alcohol drinking: Results of a national study	No methodological information	Nerriere et al	2005	Lung cancer risk assessment in relation with personal exposure to airborne particles in four French metropolitan areas	Wrong outcome
Cowie et al	2013	The global burden of liver disease attributable to hepatitis B, hepatitis C, and alcohol: Increasing mortality, differing causes	No methodological information	Nethery, R. C. and Dominici, F.	2019	Estimating pollution-attributable mortality at the regional and global scales: Challenges in uncertainty estimation and causal inference	No methodological information
Criado-Õ lvarez et al	2002	Mortality attributable to tobacco consumption in the years 1987 and 1997 in Castilla la Mancha, Spain	Wrong outcome	Neubauer et al	2006	Mortality, morbidity and costs attributable to smoking in Germany: Update and a 10-year comparison	Wrong outcome (YPLL)
Crosignani, P.	2010	[An estimate of health impacts of air pollution reduction]	Wrong outcome	Newson, R. B.	2013	Attributable and unattributable risks and fractions and other scenario comparisons	wrong study design
Cruise et al	2019	The Impact of Risk Factors for Coronary Heart Disease on Related Disability in Older Irish Adults	Wrong outcome	Nilsson et al	2006	Population-attributable risk of coronary heart disease risk factors during long-term follow-up: the Malmö Preventive Project	Wrong outcome
Cruts et al	2008	Morbidity due to smoking in the Netherlands: An estimated 90,000 clinical hospital admissions in 2005	Wrong outcome	Nizard, A. and Munozperez, F.	1994	Alcohol, Tobacco, and Mortality in France since 1950 - an Estimate of the Annual Numbers of Deaths	Wrong outcome
Currie et al	2013	The effect of tobacco control policies on smoking prevalence and smoking-attributable deaths in Ireland using the IrelandSS simulation model	Wrong outcome	Nordahl et al	2013	Assessment of mediation by behavioral risk factors on educational-related gradients in cause-specific mortality using additive hazards modeling: A multicenter cohort study	No methodological information
Danaei et al	2006	Global and regional mortality from ischaemic heart disease and stroke attributable to higher-than-optimum blood glucose concentration: comparative risk assessment	Wrong outcome	Nurminen, M. M. and Jaakkola, M. S.	2001	Mortality from occupational exposure to environmental tobacco smoke in Finland	wrong outcome
Danaei et al	2014	Cardiovascular disease, chronic kidney disease, and diabetes	Wrong	Odlaug et al	2015	Alcohol dependence, co-occurring conditions and	Wrong

Authors	Year	Title	Reason for exclusion	Authors	Year	Title	Reason for exclusion
		mortality burden of cardiometabolic risk factors from 1980 to 2010: A comparative risk assessment	outcome			attributable burden	outcome
Danaei et al	2005	Causes of cancer in the world: Comparative risk assessment of nine behavioural and environmental risk factors	Wrong outcome	O'Donnell et al	2016	Global and regional effects of potentially modifiable risk factors associated with acute stroke in 32 countries (INTERSTROKE): a case-control study	Wrong outcome
D'Avanzo et al	1995	Attributable risks for bladder cancer in Northern Italy	Wrong outcome	O'Keeffe et al	2013	Modelling the impact of specific food policy options on Coronary heart disease and stroke deaths in Ireland	Wrong outcome
Davin et al	2012	Cardiovascular risk factors attributable to obesity and overweight in Switzerland	Wrong outcome	Oliveira et al	2008	Aspects of tobacco attributable mortality: systematic review	wrong outcome
De Vries et al	2010	Lifestyle changes and reduction of colon cancer incidence in Europe: A scenario study of physical activity promotion and weight reduction	Wrong outcome	Oliveira et al	2009	Impact of risk factors for non-fatal acute myocardial infarction	wrong outcome
Decković-Vukres et al	2009	Incidence and prevalence of asbestos-related diseases in Croatia	Wrong outcome	Olsson et al	2011	Lung cancer risk attributable to occupational exposures in a multicenter case-control study in central and Eastern Europe	Wrong outcome
Degenhardt et al	2014	The global epidemiology and burden of opioid dependence: results from the global burden of disease 2010 study	Wrong study design	Onat, A.	2003	The impact of obesity on cardiovascular diseases in Turkey	Wrong outcome
Degenhardt et al	2013	Global burden of disease attributable to illicit drug use and dependence: Findings from the Global Burden of Disease Study 2010	Wrong study design	O'Neill et al	2017	Impact of sugar sweetened beverages on incidence of type 2 diabetes in Ireland	No methodological information
Di Maso et al	2020	Attributable fraction for multiple risk factors: Methods, interpretations, and examples	wrong outcome	O'Reilly et al	2014	Cancer incidence and mortality due to alcohol in Ireland (2001-2010)	No methodological information
Diaz et al	2019	Mortality attributable to high temperatures over the 2021- 2050 and 2051-2100 time horizons in Spain: Adaptation and economic estimate	wrong outcome	Ortiz et al	2017	Evaluation of short-term mortality attributable to particulate matter pollution in Spain	wrong outcome
Dinu et al	2009	Lung Cancer Attributable to Indoor Radon Exposures in Two Radon - Prone Areas, Stei (Romania) and Torrelodones (Spain)	wrong outcome	Oudin Åström et al	2018	Investigating changes in mortality attributable to heat and cold in Stockholm, Sweden	Wrong outcome
Doidge et al	2012	Attributable risk analysis reveals potential healthcare savings from increased consumption of dairy products	wrong outcome	Öztürk et al	2010	Epidemiology of cerebrovascular diseases and risk factors- perspectives of the world and Turkey	Wrong outcome
Dunlop et al	2013	The fraction of cancers attributable to tobacco in Wales, in 2012	wrong outcome	Palazzo et al	2012	Respective Contribution of Chronic Conditions to Disability in France: Results from the National Disability-Health Survey	wrong outcome
Eatough, J. P. and Henshaw, D. L.	1995	The theoretical risk of non-melanoma skin cancer from environmental radon exposure	wrong outcome	Palazzo et al	2019	Methods to assess the contribution of diseases to disability using cross-sectional studies: Comparison of different versions of the attributable fraction and the attribution method	Wrong outcome
Effertz et al	2016	The costs and consequences of obesity in Germany: a new approach from a prevalence and life-cycle perspective	wrong outcome	Palmer et al	2002	Occupational exposure to noise and the attributable burden of hearing difficulties in Great Britain	Wrong outcome
Ekelund et al	2013	Physical activity, general and abdominal obesity and mortality in European men and women	wrong outcome	Palmer et al	2003	The relative importance of whole body vibration and occupational lifting as risk factors for low-back pain	wrong outcome
Ekelund et al	2015	Physical activity and all-cause mortality across levels of overall and abdominal adiposity in European men and women: The European prospective investigation into cancer and nutrition study (EPIC)	wrong outcome	Parazzini et al	2000	Population attributable risk for ovarian cancer	wrong outcome

Authors	Year	Title	Reason for exclusion	Authors	Year	Title	Reason for exclusion
El Fray, I.	2012	A Comparative Study of Risk Assessment Methods, MEHARI & CRAMM with a New Formal Model of Risk Assessment (FoMRA) in Information Systems	Wrong outcome	Parazzini, F.	1993	Italian infant mortality attributable to low birthweight	No methodological information
Eliasen et al	2013	Alcohol-attributable and alcohol-preventable mortality in Denmark: An analysis of the impact of different intake levels on mortality	wrong outcome	Parkin, D. M.	2011	The fraction of cancer attributable to lifestyle and environmental factors in the UK in 2010	wrong outcome
Eliasen et al	2003	Diabetes and obesity in Northern Sweden: occurrence and risk factors for stroke and myocardial infarction	wrong outcome	Parkin, D. M.	2011	Tobacco-attributable cancer burden in the UK in 2010	wrong outcome
Eriksen et al	2015	The impact of health behaviours on incident cardiovascular disease in Europeans and South Asians - A prospective analysis in the UK SABRE study	wrong study design	Pascal et al	2013	Assessing the public health impacts of urban air pollution in 25 European cities: Results of the Aphekom project	wrong study design
Erren, T. C. and Morfeld, P.	2011	Attributing the burden of cancer at work: Three areas of concern when examining the example of shift-work	Wrong study design	Patel et al	2014	Global and regional trends in mortality from chronic obstructive pulmonary disease: Their relation to poverty, smoking and population change	wrong outcome
Evlampidou et al	2020	Trihalomethanes in drinking water and bladder cancer burden in the European Union	wrong outcome	Patz et al	2008	Health impact assessment of global climate change: expanding on comparative risk assessment approaches for policy making	Wrong study design
Faeh et al	2011	Obesity but not overweight is associated with increased mortality risk	wrong outcome	Peleteiro et al	2015	Worldwide Burden of Gastric Cancer Attributable to Tobacco Smoking in 2012 and Predictions for 2020	Wrong outcome
Fakhfakh	2011	Mortality due to smoking in Tunisia in 1997	Wrong population	Peltonen et al	2017	Contribution of smoking-attributable mortality to life expectancy differences by marital status among Finnish men and women, 1971-2010	Wrong outcome
Fernandez et al	1996	Attributable risks for pancreatic cancer in Northern Italy	wrong outcome	Pérez-Ríos et al	2009	Mortality associated to tobacco consumption in Galicia, Spain, 2001-2006	Wrong outcome
Fierro et al	2010	Premature death and potential years of life lost due to alcohol consumption in Spain and the different autonomous communities in 2004	wrong outcome	Pomerleau et al	2003	The burden of disease attributable to nutrition in Europe	wrong study design
Fihel, A. and Muszyńska, M. M.	2015	The regional variation in tobacco smoking - attributable mortality in Poland, 2006-2010	wrong outcome	Praud et al	2016	Cancer incidence and mortality attributable to alcohol consumption	Wrong outcome
Fischer et al	2004	Air pollution related deaths during the 2003 heat wave in the Netherlands	wrong outcome	Preston et al	2010	A new method for estimating smoking-attributable mortality in high-income countries	Wrong outcome
Fleri-Soler et al	2018	Pollution and cardiovascular health in Malta - A review	wrong outcome	Radoï et al	2013	Tobacco smoking, alcohol drinking and risk of oral cavity cancer by subsite: Results of a French population-based case-control study, the ICARE study	Wrong outcome
Forastiere et al	2005	The proportion of respiratory disorders in childhood attributable to preventable and not preventable risk factors	wrong outcome	Redon et al	2016	Impact of hypertension on mortality and cardiovascular disease burden in patients with cardiovascular risk factors from a general practice setting: The ESCARVAL-risk study	wrong outcome
Forastiere et al	2020	Assessing short-term impact of PM10 on mortality using a semiparametric generalized propensity score approach	wrong outcome	Rehm et al	2013	The comparative risk assessment for alcohol as part of the Global Burden of Disease 2010 Study: What changed from the last study?	wrong study design
Foreman et al	2018	Forecasting life expectancy, years of life lost, and all-cause and cause-specific mortality for 250 causes of death: reference and alternative scenarios for 2016â€"40 for 195	Wrong study design	Rehm et al	2013	Global burden of alcoholic liver diseases	Wrong outcome (PYLL)

Authors	Year	Title	Reason for exclusion	Authors	Year	Title	Reason for exclusion
		countries and territories					
Frentzel-Beyme, R.	2005	The burden to health due to Diesel emissions in the EU. A survey of the current situation	Wrong outcome	Rehm et al	2013	Modeling the impact of alcohol dependence on mortality burden and the effect of available treatment interventions in the European Union	wrong study design
Frost et al	2011	The effect of smoking on the risk of lung cancer mortality for asbestos workers in Great Britain (1971-2005)	Wrong outcome	Rehm et al	2016	Modelling the impact of alcohol consumption on cardiovascular disease mortality for comparative risk assessments: an overview	Wrong outcome
Furtunescu et al	2009	Alcohol consumption impact on premature mortality in Romania	Wrong outcome	Rehm et al	2018	Alcohol dependence and very high risk level of alcohol consumption: a life-threatening and debilitating disease	Wrong outcome
Gaizauskiene et al	2003	Risk factors of perinatal mortality in Lithuania, 1997-1998	Wrong outcome	Remy et al	2011	Health impact of urban air pollution in Belgium	Wrong outcome
Gajalakshmi et al	2000	Global patterns of smoking and smoking-attributable mortality	Wrong outcome	Renehan et al	2010	Interpreting the epidemiological evidence linking obesity and cancer: A framework for population-attributable risk estimations in Europe	wrong outcome
Gallus et al	2011	Smoking prevalence and smoking attributable mortality in Italy, 2010	Wrong outcome	Renehan et al	2010	Incident cancer burden attributable to excess body mass index in 30 European countries	Wrong outcome
Gandini et al	2014	Melanoma attributable to sunbed use and tan seeking behaviours: An Italian survey	Wrong outcome	Rentería et al	2016	The impact of cigarette smoking on life expectancy between 1980 and 2010: a global perspective	wrong outcome
Ganne-Carrié et al	2018	Estimate of hepatocellular carcinoma incidence in patients with alcoholic cirrhosis	Wrong outcome	Rey et al	2010	Estimating the number of alcohol-attributable deaths:  Methodological issues and illustration with French 2006 data	Wrong outcome (YPLL)
García García et al	2007	Estimate of the mortality rate attributable to occupational diseases in Spain, 2004	Wrong outcome	Rivera et al	2019	Associations of major depressive disorder with chronic physical conditions, obesity and medication use: Results from the PISMA-ep study	wrong outcome
Gaskin et al	2018	Global estimate of lung cancer mortality attributable to residential radon	Wrong outcome	Rodriguez Tapioles et al	1997	Morbidity, mortality and the potential years of life lost attributable to tobacco	Wrong outcome (PYLL)
Gasparrini et al	2012	The effect of high temperatures on cause-specific mortality in England and Wales	Wrong outcome	Rodu, B. and Cole, P.	2004	The burden of mortality from smoking: Comparing Sweden with other countries in the European Union	wrong outcome
Gasparrini et al	2015	Mortality risk attributable to high and low ambient temperature: A multicountry observational study	Wrong outcome	Roerecke et al	2007	Alcohol and burden of disease in Switzerland: Implications for policy	duplicate
Gasparrini, A. and Leone, M.	2014	Attributable risk from distributed lag models	Wrong outcome	Roglic et al	2005	The burden of mortality attributable to diabetes: realistic estimates for the year 2000	wrong outcome
Gdalevich et al	2008	Designing a Methodology to Measure the Health Effects of Air Pollution in Southern Israel: Estimation of Attributable Morbidity, Mortality and Healthcare Consumption	wrong study design	Romanens et al	2011	Population attributable coronary risk is mainly driven by LDL- cholesterol: Similar observations in two distinct healthy populations	No methodological information
Gefeller, O.	1992	An annotated bibliography on the attributable risk	wrong study design	Romanens et al	2011	Population attributable stroke risk is usually low: Similar observations in two distinct healthy populations	No methodological information
Gefeller, O. and Windeler, J.	1991	Risk factors for cervical cancer: comments on attributable risk calculations and the evaluation of screening in case-control studies	wrong study design	Rosato et al	2015	Population attributable risk for pancreatic cancer in Northern Italy	wrong outcome
Geleijnse et al	2004	Impact of dietary and lifestyle factors on the prevalence of hypertension in Western populations	Wrong outcome	Rožeková et al	2019	Estimating the impact of overweight and obesity on cancer risk in the Czech and Slovak populations	Wrong outcome
Georgousopoulou et al	2014	The role of dietary patterns' assessment in the predictive ability of cardiovascular disease risk estimation models: A	Wrong outcome	Rushton et al	2008	The burden of cancer at work: Estimation as the first step to prevention	wrong outcome

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•		review					
Giannini et al	2017	Estimating deaths attributable to airborne particles: sensitivity of the results to different exposure assessment approaches	Wrong outcome	Rushton et al	2012	Occupational cancer burden in Great Britain	wrong outcome
Gillies et al	2017	Mortality from circulatory diseases and other non-cancer outcomes among nuclear workers in France, the United Kingdom and the United States (inworks)	Wrong outcome	Rushton et al	2011	The British occupational cancer burden study	No methodological information
Ginsberg et al	2016	Mortality, hospital days and expenditures attributable to ambient air pollution from particulate matter in Israel	Wrong outcome	Rushton et al	2012	The number of cancers caused by occupation in the UK	No methodological information
Ginsberg et al	2010	Issues in estimating smoking attributable mortality in Israel	Wrong outcome	Rushton, L. and Hutchings, S. J.	2017	The burden of occupationally-related cutaneous malignant melanoma in Britain due to solar radiation	wrong outcome
Ginsberg, G. M. and Geva, H.	2014	The burden of smoking in Israel-attributable mortality and costs (2014)	Wrong outcome	Sadetzki, S.	2007	Excess lifetime cancer mortality risk attributed to radiation exposure from pediatric computed tomography scan	wrong study design
Ginsberg, G. M. and Geva, H.	2016	Erratum to: The burden of smoking in Israel-attributable mortality and costs (2014). Isr J Health Policy Res. 2014;3:28	duplicate	Saika, K. and Machii, R.	2012	Cancer mortality attributable to tobacco by region based on the who global report	wrong outcome
Glorennec et al	2002	Health impact assessment of brief exposures to urban air pollution in northwestern France	Wrong outcome	Samet, J. M.	2016	The burden of disease from air pollution in Israel: How do we use burden estimates to advance public health	No methodological information
Glorennec, P. and Monroux, F.	2007	Health impact assessment of PM10 exposure in the city of Caen, France	Wrong outcome	Schottenfeld Et al	2013	Current perspective on the global and United States cancer burden attributable to lifestyle and environmental risk factors	wrong outcome
Gmel et al	2013	The effects of capping the alcohol consumption distribution and relative risk functions on the estimated number of deaths attributable to alcohol consumption in the European Union in 2004	Wrong outcome	Schutze et al	2010	Alcohol-Attributable Burden of Cancer Incidence in 8 European Countries	duplicate
Goldbourt et al	1997	Isolated low HDL cholesterol as a risk factor for coronary heart disease mortality: A 21-year follow-up of 8000 men	Wrong outcome	Schütze et al	2011	Alcohol attributable burden of incidence of cancer in eight European countries based on results from prospective cohort study	wrong outcome
Gorini et al	2003	Impact of smoking in Italy in 1998: deaths and years of potential life lost	Wrong outcome	Schwarzinger et al	2017	Alcohol use disorders and associated chronic disease - a national retrospective cohort study from France	wrong outcome
Graciani et al	2008	Cardiovascular mortality attributable to high blood pressure in Spanish population over 50	Wrong outcome	Shield et al	2018	New cancer cases attributable to diet among adults aged 30- 84 years in France in 2015	wrong outcome
Graells, M. A. and Garcia, P. G.	1998	Alcohol related mortality in Catalonia: 1994	Wrong outcome	Shield et al	2012	An assessment of methodologies to estimate the burden of injuries attributable to alcohol consumption	wrong study design
Gram et al	2009	Cigarette smoking and risk of colorectal cancer among Norwegian women	Wrong outcome	Sipetic-Grujicic et al	2012	Burden of ischaemic heart disease and stroke in Serbia	No methodological information
Gram et al	2016	The smoking related risk of breast cancer and proportion of avoidable breast cancer cases due to passive and active smoking in middle-aged women in Norway in 2012: The Norwegian women and cancer study 1991-2012	No methodological information	Smith et al	2002	The global burden of disease from indoor air pollution: results from comparative risk assessment	wrong study design
Grau et al	2010	Why should population attributable fractions be periodically recalculated?. An example from cardiovascular risk	Wrong outcome	Soerjomataram et al	2018	Cancers related to lifestyle and environmental factors in France in 2015	wrong outcome

Authors	Year	Title	Reason for exclusion	Authors	Year	Title	Reason for exclusion
		estimation in southern Europe					
Gredner et al	2018	Cancers Due to Infection and Selected Environmental Factors	Wrong outcome	Soler et al	1998	Diet, alcohol, coffee and pancreatic cancer: Final results from an Italian study	wrong outcome
Gross, A. J.	1998	The risk of coronary heart disease in non-smokers exposed to environmental tobacco smoke	Wrong outcome	Sovinová et al	2008	Smoking-attributable mortality in the Czech Republic	wrong outcome
Guallar, E.	2011	Excess risk attributable to traditional cardiovascular risk factors in clinical practice settings across Europe. The EURIKA Study	Wrong outcome	Spirtas et al	1994	Malignant mesothelioma: attributable risk of asbestos exposure	wrong outcome
Guérin et al	2013	Alcohol-attributable mortality in France	Wrong outcome	Stefler et al	2018	Smoking, alcohol and cancer mortality in Eastern European men: Findings from the PrivMort retrospective cohort study	wrong outcome
Guida et al	2011	Risk of lung cancer and occupational history: Results of a french population-based case-control study, the ICARE study	Wrong outcome	Steindorf et al	1995	Lung cancer deaths attributable to indoor radon exposure in West Germany	Wrong outcome
Gupta et al	2019	Risk of coronary heart disease among smokeless tobacco users: Results of systematic review and meta-analysis of global data	Wrong outcome	T Mannetje et al	2011	Occupational exposure to metal compounds and lung cancer. Results from a multi-center case-control study in Central/Eastern Europe and UK	Wrong outcome
Gustavsson et al	2003	Calculation of fractions of lung cancer incidence attributable to occupational exposure to asbestos and combustion products in Stockholm, Sweden	Wrong outcome	T Mannetje et al	1999	Occupation and bladder cancer in European women	Wrong outcome
Gutiérrez-Abejón et al	2015	Smoking impact on mortality in Spain in 2012	Wrong outcome	Tavani et al	2006	Consumption of sweet foods and breast cancer risk in Italy	wrong outcome
Gutjahr, E. and Gmel, G.	2005	Association of alcohol consumption to mortality and person- years of life lost in Switzerland - Measuring the impact of some methodological options	Wrong outcome (PYLL)	Tavani, A. and La Vecchia, C.	1995	Fruit and vegetable consumption and cancer risk in a Mediterranean population	wrong outcome
Gvinianidze, K. and Tsereteli, D.	2012	Tobacco smoking attributable mortality and years of potential life lost in Georgia	Wrong outcome (PYLL)	Testino, G.	2011	The burden of cancer attributable to alcohol consumption	wrong study design
Haapanen-Niemi et al	1999	Public health burden of coronary heart disease risk factors among middle-aged and elderly men	Wrong outcome	Tobollik et al	2018	[Environmental burden of disease in Germany]	wrong study design
Hajat et al	2004	Ethnic differences in risk factors for ischemic stroke: A European case-control study	Wrong outcome	Tobollik et al	2018	[The Environmental Burden of Disease Concept]	No methodological information
Hammami et al	2018	The burden of hypertension and associated risk for cardiovascular mortality in the UK biobank	Wrong outcome	Torén, K. and Blanc, P. D.	2009	Asthma caused by occupational exposures is common-a systematic analysis of estimates of the population- attributable fraction	Wrong outcome
Harriss et al	2009	Lifestyle factors and colorectal cancer risk (2): A systematic review and meta-analysis of associations with leisure-time physical activity	Wrong outcome	Toschke et al	2007	Adjusted population attributable fractions and preventable potential of risk factors for childhood obesity	Wrong outcome
Harriss et al	2009	Lifestyle factors and colorectal cancer risk (1): Systematic review and meta-analysis of associations with body mass index	Wrong outcome	Touillaud et al	2019	Cancers in France in 2015 attributable to insufficient physical activity	Wrong outcome
Hashibe et al	2007	Contribution of tobacco and alcohol to the high rates of squamous cell carcinoma of the supraglottis and glottis in Central Europe	Wrong outcome	Van Der Bij et al	2016	Expected number of asbestos-related lung cancers in the Netherlands in the next two decades: A comparison of methods	Wrong outcome
Hashim, D. and Boffetta, P.	2014	Occupational and Environmental Exposures and Cancers in Developing Countries	Wrong outcome	Van Der Molen et al	2019	How to improve the assessment of the impact of occupational diseases at a national level? The Netherlands as	Wrong outcome

Authors	Year	Title	Reason for exclusion	Authors	Year	Title	Reason for exclusion
Hedlund et al	2012	Occupational air pollutants-More hazardous for respiratory health than smoking? Report from the obstructive lung disease in northern Sweden studies	Wrong outcome	van Gemert et al	2015	The proportion of postmenopausal breast cancer cases in the Netherlands attributable to lifestyle-related risk factors	Wrong outcome
Heidemann et al	2007	Potentially modifiable classic risk factors and their impact on incident myocardial infarction: Results from the EPIC-Potsdam study	Wrong outcome	Vidra et al	2018	Impact of different estimation methods on obesity- attributable mortality levels and trends: The case of the Netherlands	Wrong outcome
Heidrich et al	2006	Estimate of deaths attributable to passive smoking in Germany - A sensitivity analysis	No methodological information	Vineis et al	2007	Lung cancers attributable to environmental tobacco smoke and air pollution in non-smokers in different European countries: A prospective study	wrong outcome
Heidrich et al	2003	Classical risk factors for myocardial infarction and total mortality in the community - 13-Year follow-up of the MONICA Augsburg cohort study	wrong study design	Walker et al	2009	Global and regional child mortality and burden of disease attributable to zinc deficiency	Wrong population
Heidrich et al	2007	Mortality and morbidity from coronary heart disease attributable to passive smoking	Wrong outcome	Walter et al	2012	The burden of disease att ributable to physical inactivity in the Austrian region of burgenland	No methodological information
Hein et al	1996	Alcohol consumption, serum low density lipoprotein cholesterol concentration, and risk of ischaemic heart disease: Six year follow up in the Copenhagen male study	wrong study design	Wichmann et al	2006	Lung cancer risk in Germany attributable to radon in homes	No methodological information
Hein et al	2001	Lewis phenotypes, leisure time physical activity, and risk of ischaemic heart disease: An 11 year follow up in the Copenhagen male study	wrong study design	Wienecke et al	2014	Changes in cancer incidence attributable to tobacco smoking in Germany, 1999-2008	wrong outcome
Heintjes et al	2011	Population attributable risk (PAR) of macrovascular events associated with hba1c, blood pressure or weight in patients with type 2 diabetes mellitus: Evidence from a Dutch cohort	wrong outcome	Wienecke et al	2013	Preventability estimates for colorectal and breast cancer in Germany: A methodological evaluation of the risk factors alcohol and overweight	Wrong outcome
Helleberg et al	2014	Risk of cancer among HIV patients compared to the background population: Impact of smoking and HIV	wrong outcome	Wienecke et al	2018	Cancers Potentially Preventable through Excess Weight Reduction in Germany in 2010	wrong outcome
Henneberger et al	2010	The occupational contribution to severe exacerbation of asthma	wrong outcome	Yang et al	2018	Global mortality burden of cirrhosis and liver cancer attributable to injection drug use, 1990â€"2016: An ageperiod-cohort and spatial autocorrelation analysis	wrong outcome
Hernandez et al	2011	Low-to-moderate levels of overweight predict the incidence of cardiovascular events: The Spanish SUN cohort	wrong study design	Zorrilla-Torras et al	2005	Smoking attributable mortality in the community of Madrid: 1992-1998	wrong outcome
Hernandez- Garcia et al	2010	Mortality attributable to smoking in Spain in 2006	wrong outcome		2011	20th European Stroke Conference, ESC 2011	No methodological information
Heuschmann et al	2007	Stroke mortality and morbidity attributable to passive smoking in Germany	wrong outcome		2015	Update of mortality attributable to diabetes for the IDF Diabetes Atlas: Estimates for the year 2013	Wrong outcome
Hildrum et al	2009	Metabolic syndrome and risk of mortality in middle-aged versus elderly individuals: The Nord-Trøndelag Health Study (HUNT)	wrong study design		2018	Burden of diarrhea in the Eastern Mediterranean Region, 1990-2015: Findings from the Global Burden of Disease 2015 study	Wrong population
Hill, C.	1993	Mortality from tobacco use	wrong outcome		2018	Burden of obesity in the Eastern Mediterranean Region: findings from the Global Burden of Disease 2015 study	Wrong population
Hill, C.	1998	Trends in tobacco smoking and consequences on health in France	wrong outcome		2018	Burden of lower respiratory infections in the Eastern Mediterranean Region between 1990 and 2015: findings	Wrong population

Authors	Year	Title	Reason for exclusion	Authors	Year	Title	Reason for exclusion
						from the Global Burden of Disease 2015 study	
Hill, C.	2012	Tobacco epidemiology	wrong study design				
Hjort et al	2018	Overweight, obesity and the risk of LADA: results from a Swedish case–control study and the Norwegian HUNT Study	wrong study design				
Hjort et al	2013	Overweight is associated with LADA among women but not in men: Results from ESTRID, a Swedish case-control study	wrong study design				
Hoffmeister et al	2010	Male sex and smoking have a larger impact on the prevalence of colorectal neoplasia than family history of colorectal cancer	wrong outcome				
Hu et al	2005	The effects of physical activity and body mass index on cardiovascular, cancer and all-cause mortality among 47 212 middle-aged Finnish men and women	wrong outcome				
Hubbard et al	1996	Occupational exposure to metal or wood dust and aetiology of cryptogenic fibrosing alveolitis	wrong outcome				
Huber et al	2020	Temperature-related excess mortality in German cities at 2 degreeC and higher degrees of global warming	wrong outcome				
Huerta et al	2010	Cardiovascular risk estimated after 13 years of follow-up in a low-incidence Mediterranean region with high-prevalence of cardiovascular risk factors	wrong study design				
Hughes et al	2014	Chronic obstructive pulmonary disease (COPD) case-finding and tobacco dependence on long stay psychiatric wards	wrong study design				
Hutchings et al	2014	Estimating the burden of occupational cancer taking into account age0261 Estimating the burden of occupational cancer taking into account age	wrong outcome				
Hutchings et al	2013	Estimating the burden of occupational Chronic Obstructive Pulmonary Disease (COPD) in the UK	wrong outcome				
Hutchings, S. and Rushton, L.	2011	Toward risk reduction: predicting the future burden of occupational cancer	wrong outcome				
Hutchings, S. J. and Rushton, L.	2012	Occupational cancer in Britain: Statistical methodology	wrong outcome				
Huynen, M. M. T. E. and Martens, P.	2015	Climate change effects on heat- and cold-related mortality in the Netherlands: A scenario-based integrated environmental health impact assessment	wrong outcome				

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