

S3 Table. Methodological quality of studies in the final analysis based on the Newcastle-Ottawa Scale-incidence

Study	Country	Cohort	Follow-up period	S1	S2	S3	S4	C	O1	O2	O3	Total score
1988 Klatsky [34]	US	Members of Kaiser Permanente Medical Care Program in Northern California	1978-1984	1	1	0	0	2	1	1	0	6
1989 Schaatzkin [51]	US	Framingham Heart Study	1948-1980	1	1	1	1	2	1	1	1	9
1990 Stemmermann [35]	US	American Men of Japanese ancestry residing in Hawaiian island (Oahu)	1965-1989	1	1	0	0	2	1	1	0	6
1991 Simon [52]	US	Tecumseh Community Health Study (TCHS)	1959-1960	1	1	1	0	2	1	1	0	7
1992 Gapstur [53]	US	Iowa Women's Health Study	1986-1989	1	1	0	1	2	1	0	0	6
1993 Chyou [108]	Japan	American Men of Japanese ancestry residing in Hawaiian island	1965-1991	1	1	1	1	2	1	1	1	9
1993 Gapstur [81]	US	Iowa Women's Health Study	1986-1990	1	1	0	1	2	1	0	0	6
1994 Goldbohm [36]	Netherlands	From 204 municipal population registries throughout the country	1986-1989	1	1	0	1	2	1	0	0	6
1995 Giovannucci [37]	US	Male health professionals	1986-1992	0	1	0	1	2	1	1	1	7
1995 Nomura [11]	Japan	American men of Japanese ancestry residing in Hawaiian island	1965-1990	1	1	1	1	2	1	1	1	9
1995 van den Brandt [54]	Netherlands	Netherlands Cohort Study	1986-1989	1	1	0	1	2	1	0	0	6
1998 Galanis [12]	US	Japanese residents of Hawaii	1975-1994	1	1	1	1	2	1	1	0	8

1999 Breslow [90]	US	National Health and Nutrition Examination Survey (NHANES I)	1971-1992	1	1	1	1	2	1	1	0	8
1999 Chiu [114]	US	Iowa Women's Health Study	1987-1992	1	1	0	1	2	1	1	0	7
1999 Garland [55]	US	Nurses' Health Study II	1989-1995	0	1	0	1	2	1	1	0	6
1999 Parker [91]	US	NCI's SEER program -> IOWA Cancer Registry	1980-1995	1	1	0	0	2	1	1	1	7
1999 Prescott [46]	Denmark	Copenhagen City Heart Study	1964-1992	1	1	0	0	2	1	1	1	7
1999 Schuurman [92]	Netherlands	Netherlands Cohort Study	1986-1992	1	1	0	1	2	1	1	1	8
1999 Terry [82]	Sweden	Swedish Twin Registry	1967-1992	0	1	1	1	2	1	1	0	7
1999 Zhang [56]	US	Framingham Original Cohort & Offspring Cohort	1948-1993, 1971-1993	1	1	0	0	2	1	1	0	6
2000 Ellison [93]	Canada	Nutrition Canada Survey (NCS)	1970-1993	1	1	1	2	2	1	0	0	8
2000 Rohan [57]	Canada	Canadian National Breast Screening Study (NBSS)	1980-1993	1	1	0	0	2	1	1	0	6
2001 Feigelson [58]	US	American Cancer Society Cancer Prevention Study II Nutrition Cohort (CPS-II Nutrition Cohort)	1982-1996	1	1	0	1	2	1	1	0	7
2001 Michaud [42]	US	Nurses' Health Study	1980-1996	0	1	0	1	2	1	1	1	7
2001 Sesso [94]	US	Harvard alumni	1988-1993	0	1	0	1	2	0	1	1	6
2001 Stolzenberg-Solomon [43]	US	Alpha-Tocopherol Beta-Carotene Cancer Prevention Study cohort	1985-1997	0	1	0	1	2	1	1	0	6
2001 Zeegers [109]	Netherlands	Netherlands Cohort Study	1986-1992	1	1	0	1	2	1	1	0	7

2002 Albertsen [95]	Denmark	Copenhagen Centre for Prospective Population Studies	1976-1994	1	1	0	0	2	1	1	1	7
2002 Chen [59]	US	Nurses' Health Study	1980-1994	0	1	0	1	2	1	1	0	6
2002 Djousse [47]	US	Framingham Study cohort, offspring cohort	1948, 1971	1	1	0	0	2	1	1	0	6
2002 Flood [20]	US	Breast Cancer Detection Demonstration Project (BCDDP)	1987-1995	1	1	0	1	2	1	1	1	8
2002 Horn-Ross [60]	US	California Teachers Study cohort	1995-1998	0	1	0	1	2	1	0	1	6
2002 Isaksson [44]	Sweden	Swedish Twin Registry	1969-1997	0	1	0	0	2	1	1	0	5
2003 Feigelson [61]	US	American Cancer society Cancer Prevention Study II Nutrition Cohort (CPS-II Nutrition Cohort)	1992-1998	1	1	0	1	2	1	1	0	7
2003 Freedman [120]	US	US Radiologic Technologists (USRT) Study	1983-1998	0	1	0	0	2	1	1	0	5
2003 Otani [21]	Japan	Japan Public Health Center-based prospective study (cohort I)	1990-1999	1	1	0	1	2	1	1	1	8
2003 Pederson [38]	Denmark	Copenhagen Centre for Prospective Population Studies	1970-1999	1	1	0	0	2	1	1	1	7
2004 Dumeaux [62]	Norway	Norwegian Women and Cancer Study	1991-2001	1	1	0	1	2	1	1	0	7
2004 Horn-Ross [63]	US	California Teachers Study cohort	1995-2001	0	1	0	1	2	1	1	0	6
2004 Platz [96]	US	Health Professionals Follow-up Study	1986-1998	0	1	0	1	2	1	1	1	7
2004 Sanjoaquin [22]	UK	Oxford Vegetarian Study	1980-1999	0	1	0	1	2	1	1	0	6

2004 Sellers [64]	US	Iowa Women's Health Study	1986-1999	1	1	0	1	2	1	1	0	7
2004 Su [39]	US	National Health and Nutrition Examination Survey (NHANES I)	1982-1993	1	1	0	1	2	1	1	0	7
2004 Wei [40]	US	Nurses' Health Study, Health Professionals Follow-up Study	NHS 1980-2000, HPFS 1986-2000	0	1	0	1	2	1	1	0	6
2005 Barstad [13]	Denmark	Copenhagen Centre for Prospective Population Studies	1964-1992	1	1	0	0	2	1	1	1	7
2005 Chen [23]	China	population of Jiashan County	1989-2001	1	1	0	1	2	1	1	0	7
2005 Freudenheim [48]	US	pooled cohort (ATBC, HPFU, NLCS, NYSC)	Various	1	1	0	0	2	1	1	0	6
2005 Mahabir [103]	US	Alpha-Tocopherol BetaCarotene (ATBC) Cancer Prevention Study	1985-1999	0	1	0	1	2	1	1	0	6
2005 Navarro Silvera [110]	Canada	Canadian National Breast Screening Study (NBSS)	1982-2000	1	1	0	0	2	1	1	0	6
2005 Suzuki [65]	Sweden	Swedish Mammography Cohort	1987-2004	1	1	0	1	2	1	1	0	7
2006 Mellemkjar [66]	Denmark	Danish Prospective Cohort Study	1993-2002	1	1	0	1	2	1	1	0	7
2006 Stolzenberg-Solomon [67]	US	Prostate, Lung, Colorectal, and Ovarian (PLCO) Cancer Screening Trial	1993-2001	1	1	0	1	2	1	1	0	7
2006 Velicer [98]	US	VITAL Study	2000-2004	1	1	0	1	2	1	0	0	6
2006 Weinstern [97]	US	Alpha-Tocopherol Beta-Carotene Cancer Prevention Study cohort	1985-2002	0	1	0	1	2	1	1	0	6
2007 Chang [88]	US	California Teachers Study cohort	1995-2003	0	1	0	1	2	1	1	0	6

2007 Freedman [1]	US	NIH-AARP Diet and Health Study	1995-2000	1	1	0	1	2	1	1	0	7
2007 Friberg [5]	Singapore	Singapore Chinese Health Study	1993-2005	1	1	1	1	2	1	1	0	8
2007 Larsson [14]	Sweden	Swedish Mammography Cohort	1987-2005	1	1	0	0	2	1	1	0	6
2007 Lim [115]	US	NIH-AARP Diet and Health Study	1995-2000	1	1	0	1	2	1	0	1	7
2007 Loerbroks [83]	Netherland	Netherlands Cohort Study	1986-1997	1	1	0	1	2	1	1	1	8
2007 Setiawan [104]	US	Hawaii-Los Angeles Multiethnic Cohort	1993-2002	1	1	0	1	2	1	1	1	8
2007 Sung [15]	Korea	National Health Insurance Corporation Study	1996-2002	1	1	0	0	2	1	1	0	6
2007 Sutcliffe [99]	US	Health Professionals Follow-up Study (HPFS)	1986-2002	0	1	0	1	2	1	1	1	7
2007 Tjonneland [68]	Europe	European Prospective Investigation into Cancer and Nutrition (EPIC)	Various	1	1	0	0	2	1	1	0	6
2007 Tsong [24]	Singapore	Singapore Chinese Health Study	1993-1998	1	1	1	1	2	1	1	0	8
2007 Zhang [69]	US	Women's Health Study (US female health professionals)	1992-2004	0	1	0	1	2	1	1	1	7
2008 Bongaerts [25]	Netherlands	Netherlands Cohort Study	1986-1999	1	1	0	1	2	1	1	0	7
2008 Fan [8]	China	Shanghai Cohort Study	1986-2006	1	1	1	1	2	1	1	1	9
2008 Kabat [26]	Canada	Canadian National Breast Screening Study	1980-2000	1	1	0	1	2	1	1	0	7
2008 Schouten [105]	Netherlands	NLCS on Diet and Cancer	1986-1997	1	1	0	1	2	1	1	1	8
2008 Setiawan [84]	US	Multiethnic Cohort Study in California and	1993-2002	1	1	0	1	2	1	1	0	7

Hawaii

2008 Thygesen [27]	US	Health Professional Follow-up Study	1986-2002	1	1	0	0	2	1	1	0	6
2008 Toriola [28]	Finland	Kuopio Ischemic Heart Study (KIHD)	1984-2005	1	1	0	1	2	1	1	1	8
2008 Tworoger [89]	US	Nurses' Health Study (NHS)	1976-2004	0	1	0	1	2	1	1	1	7
2009 Allen [2]	UK	Million Women Study	1996-2001	1	1	0	0	2	1	1	0	6
2009 Friberg [85]	Sweden	Swedish Mammography Cohort	1987-1997	1	1	0	0	2	1	1	1	7
2009 Gong [100]	US	Prostate Cancer Prevention Trial	1996-1993	0	1	0	1	2	1	1	0	6
2009 Heinen [45]	Netherlands	Netherlands Cohort Study	1986-1999	1	1	0	1	2	1	1	0	7
2009 Klatsky [116]	US	Members of comprehensive pre-paid health care programme in SF Bay area	1978-2006	1	1	0	1	2	1	1	0	7
2009 Lew [70]	US	NIH-AARP Diet and Health Study	1995-2003	1	1	0	1	2	1	1	0	7
2009 Meinhold [111]	US	NIH-AARP Diet and Health Study	1995-1996	1	1	0	1	2	1	1	0	7
2009 Park [29]	UK	UK Norfolk arm of EPIC study	1995-2003	1	1	0	1	2	1	1	0	7
2010 Chang [117]	US	California Teachers Study	1995-2007	0	1	0	1	2	1	1	0	6
2010 Chao [101]	US	California Men's Health Study (CMHS)	2002-2007	1	1	0	1	2	1	1	0	7
2010 Li [71]	US	women's Health Initiative-observational study (WHI-OS)	1993-2005	1	1	0	1	2	1	1	0	7
2010 Meinhold [112]	US	US Radiologic Technologists Study	1983-2006	1	1	0	1	2	1	1	0	7
2010 Moy [16]	China	Shanghai Cohort Study	1986-2005	1	1	1	1	2	1	1	1	9
2010 Shanmugham [3]	US	Nurses' Health Study	1980-2006	0	1	0	1	2	1	1	1	7

2010 Steevens [9]	Netherland	Netherlands Cohort Study	1986-2002	1	1	0	1	2	1	1	1	8
2010 Troy [118]	US	PLCO Cancer Screening Trial	1993-2006	1	1	0	1	2	1	1	0	7
2010 Watters [102]	US	NIH-AARP Diet and Health Study	1995-2005	1	1	0	1	2	1	1	0	7
2011 Chao [49]	US	VITAL Study	2000-2007	1	1	0	1	2	1	1	0	7
2011 Chen [72]	US	Nurses' Health Study	1980-2008	0	1	0	1	2	1	1	1	7
2011 Kawai [73]	Japan	The Miyagi Cohort Study	1990-2003	1	1	0	1	2	1	1	1	8
2011 Razzak [30]	US	Iowa Women's Health Study	1986-2004	1	1	0	1	2	1	1	0	7
2011 Yang [86]	US	NIH-AARP Diet and Health study	1995-2006	1	1	0	1	2	1	1	0	7
2012 Cho [41]	US	Health Professional Follow-up Study, Nurses' Health Study	1980-2006	0	1	0	1	2	1	1	1	7
2012 Everatt [17]	Lithuania	KRIS, MIHDP	1972-2008	1	1	1	1	2	1	1	0	8
2012 Gapstur [119]	US	Cancer Prevention Study II Nutrition cohort	1992-2007	1	1	0	1	2	1	1	0	7
2012 Kabat [113]	US	Women's Health Initiative	1993-2002	1	1	0	1	2	1	1	1	8
2012 Macleod [106]	US	VITAL study	2000-2009	1	1	0	1	2	1	1	0	7
2013 Everatt [31]	Lithuania	Kaunas Rotterdam Intervention Study (KRIS), Multifactorial Ischemic Heart Disease Prevention Study (MIHDPS)	1978-2008	1	1	0	1	2	1	1	0	7
2013 Hashibe [6]	US	Prostate, Lung, Colorectal, and Ovarian Cancer Screening Trial Cohort(PLCO)	1992-2001	1	1	0	1	2	1	1	0	7
2013 Liu [74]	US	Nurses' Health Study II	1989-2009	0	1	0	1	2	1	1	0	6
2014 Falk [75]	US	Prostate, Lung, Colorectal, and Ovarian Cancer Screening Trial Cohort	1993-2009	1	1	0	1	2	1	1	0	7
2014 Je [87]	US	Nurses' Health Study	1980-2010	0	1	0	1	2	1	1	0	6
2014 Kubo [121]	US	Women's Health Initiative-observational	1993-2010	1	1	0	1	2	1	1	0	7

Study (WHI-OS)

2014 Maasland [7]	Netherlands	Netherlands Cohort Study	1986-2003	1	1	0	1	2	1	1	1	8
2014 Nishihara [32]	US	Nurses' Health Study, Health Professionals Follow-up Study	1976-2008	0	1	0	1	2	1	1	0	6
2014 Park [76]	US	Multiethnic Cohort in California and Hawaii	1993-2007	1	1	0	1	2	1	1	0	7
2014 Yates [10]	UK	EPIC-Norfolk Study	1993-2008	1	1	0	1	2	1	1	1	8
2015 Chhim [77]	France	SU.VI.MAX	1994-2007	0	1	0	1	2	1	1	0	6
2015 Cho [33]	Korea	Korean Multi-center Cancer Cohort	1993-2005	1	1	1	1	2	1	1	0	8
2015 Eom [18]	Korea	Korean National Health Insurance Corporation data	1998-2007	1	1	0	1	2	1	1	0	7
2015 Fagherazzi [78]	France	French E3N-EPIC cohort	1993-2008	1	1	0	1	2	1	1	0	7
2015 Hippisley-Cox [4]	UK	Primary care patients from open cohort study using Qresearch database (EMIS computer system)	1998-2013	1	1	1	1	2	1	1	0	8
2015 Karami [107]	US	Prostate, Lung, Colorectal and Ovarian Cancer Screening Trial (PLCO)	1993-2001	1	1	0	1	2	1	1	0	7
2015 Klatsky [19]	US	Multiethnic Northern California population (Kaiser Permanente)	1978-2012	1	1	0	0	2	1	1	0	6
2015 Shin [79]	Sweden	Swedish Women's Lifestyle and Health study	1991-2009	1	1	0	1	2	1	1	0	7
2016 Nitta [80]	Japan	Japan Collaborative Cohort Study (JACC)	1988-2009	1	1	0	1	2	1	1	0	7
2016 Troche [50]	US	NIH-AARP Diet and Health Study	1995-2006	1	1	0	1	2	1	1	0	7

Refer to the following link for more information: http://www.ohri.ca/programs/clinical_epidemiology/oxford.asp. S, selection; C, comparability; O, Outcome.