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| Supplementary Table S1. Characteristics of the 27 studies included in the E2C2 pooled analysis | |  |  |  | |
| Study | Location | Recruitment Period | No. of Cases | No. of Controls |
| *Cohort Studies* |  |  |  |  |
| Black Women's Health Study (BWHS) | USA | 1995 | 247 | 1037 |
| Breast Cancer Detection Demonstration Project Follow-up Study (BCDDP) | USA | 1979-1980 | 412 | 1577 |
| California Teachers Study (CTS) | USA | 1995-1996 | 1117 | 4397 |
| Cancer Prevention Study II (CPS-II) | USA | 1992 | 1227 | 4926 |
| Iowa Women's Health Study Cohort (IWHS) | USA | 1986 | 518 | 2063 |
| Multiethnic Cohort Study (MEC) | USA | 1993-1996 | 1234 | 4976 |
| Netherlands Cohort Study on Diet and Cancer (NLCS) | Netherlands | 1986 | 389 | 797 |
| NIH AARP Diet and Health Study Cohort (AARP) | USA | 1995-1996 | 1043 | 4080 |
| Nurses' Health Study (NHS) | USA | 1976 | 580 | 1459 |
| NYU Women’s Health Study (NYUWHS) | USA | 1985-1991 | 211 | 682 |
| Prostate Lung Colorectal Ovarian NCI Study (PLCO) | USA | 1993-2001 | 651 | 2628 |
| Southern Community Cohort Study (SCCS) | USA | 2002-2009 | 345 | 1383 |
| Women's Lifestyle and Health Study (WLHS) | Sweden | 1991 | 299 | 604 |
|  |  |  |  |  |
| *Case-Control Studies* |  |  |  |  |
| Alberta Endometrial Cancer Case-Control Study (ALBERTA) | Canada | 2002-2006 | 538 | 1027 |
| Australian National Endometrial Cancer Study (ANECS) | Australia | 2005-2007 | 1286 | 664 |
| Connecticut Endometrial Cancer Study (CECS) | USA | 2004-2008 | 643 | 631 |
| Endometrial Cancer, Diet, Body Weight, and Gene-Environment Interactions (TURIN) | Italy | 1998-1999 | 232 | 267 |
| Estrogen, Diet, Genetics, and Endometrial Cancer (EDGE) | USA | 2001-2005 | 458 | 460 |
| Hawaii Endometrial Cancer Case-Control Study (HAW) | USA | 1985-1993 | 235 | 336 |
| Italian Multicentre Study | Italy | 1992-2006 | 441 | 890 |
| Milano 1 (MILA-1) | Italy | 1979-1988 | 516 | 2383 |
| Milano 2 (MILA-2) | Italy | 1988-1991 | 219 | 223 |
| Minimally invasive detection of endometrial and ovarian cancers (Screenwide) | Spain | 2017-2021 | 154 | 190 |
| Polish Case Control Study (NCI) | Poland | 2000-2003 | 518 | 1795 |
| Roswell Park CA Inst. Pt Epidemiological Data System (PEDS) | USA | 1982-1998 | 59 | 51 |
| Shanghai Endometrial Cancer Study (SECS) | China | 1997-2001 | 1174 | 1197 |
| Switzerland Vaud (SWISS) | Switzerland | 1988-1991 | 238 | 566 |
| US Endometrial Case-Control Study | USA | 1987-1990 | 416 | 311 |
| Western New York Diet Study (WNYDS) | USA | 1986-1991 | 231 | 639 |
| \*Excluded 3 sites due to missing covariate data |  |  |  |  |
| \*Excluded missing covariates (n = 16,694) |  |  |  |  |
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