

Table S3. Excluded studies.

| Study | Title | Reason for Exclusion |
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| Anderson 2016 | Changes in diet quality in a randomized weight loss trial in breast cancer survivors: the lifestyle, exercise, and nutrition (LEAN) study | Study examined diet quality without reporting associations with breast cancer outcomes |
| Farvid 2021 | Postdiagnostic Dietary Glycemic Index, Glycemic Load, Dietary Insulin Index, and Insulin Load and Breast Cancer Survival | Study used other dietary index |
| Gold 2009 | Dietary pattern influences breast cancer prognosis in women without hot flashes: the women's healthy eating and living trial | Not reporting/evaluating outcome of interest |
| Heidemann 2008 | Dietary patterns and risk of mortality from cardiovascular disease, cancer, and all causes in a prospective cohort of women | Study population included healthy general population |
| Jang 2018 | Association between the Dietary Inflammatory Index and Risk for Cancer Recurrence and Mortality among Patients with Breast Cancer | Study used other dietary index |
| Kant 2000 | A prospective study of diet quality and mortality in women | Study population included healthy general population |
| Kroenke 2005 | Dietary patterns and survival after breast cancer diagnosis | Study did not report any dietary score/index |
| Kroenke 2013 | High- and low-fat dairy intake, recurrence, and mortality after breast cancer diagnosis. | Study did not report any dietary score/index |
| Krok-Schoen 2021 | Prevalence of lifestyle behaviors and associations with health-related quality of life among older female cancer survivors | Study population included those with other than breast cancer or multiple cancers |
| Kwan 2009 | Dietary patterns and breast cancer recurrence and survival among women with early-stage breast cancer | Study did not report any dietary score/index |
| Lopez-Pentecost 2020 | Role of dietary patterns and acculturation in cancer risk and mortality among postmenopausal Hispanic women: results from the Women's Health Initiative (WHI) | Study population included healthy general population |
| Marchello 2020 | Rural breast cancer survivors are able to maintain diet quality improvements during a weight loss maintenance intervention | Study examined diet quality without reporting associations with breast cancer outcomes |
| Mohammadi 2013 | Association of nutritional status with quality of life in breast cancer survivors | Not reporting/evaluating outcome of interest |
| Palacios 2017 | Dietary Patterns in Puerto Rican and Mexican-American Breast Cancer Survivors: A Pilot Study | Study examined diet quality without reporting associations with breast cancer outcomes |

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| Pierce 2007 | Influence of a diet very high in vegetables, fruit, and fiber and low in fat on prognosis following treatment for breast cancer: the Women's Healthy Eating and Living (WHEL) randomized trial | Study did not report any dietary score/index |
| Prieto-Ramos 1996 | Mortality trends and past and current dietary factors of breast cancer in Spain | Study did not report any dietary score/index |
| Sasaki 1993 | An ecological study of the relationship between dietary fat intake and breast cancer mortality | Study did not report any dietary score/index |
| Springfield 2019 | Adherence to American Cancer Society and American Institute of Cancer Research dietary guidelines in overweight African American breast cancer survivors | Study examined diet quality without reporting associations with breast cancer outcomes |
| Thomson 2014 | Nutrition and physical activity cancer prevention guidelines, cancer risk, and mortality in the women's health initiative | Study population included healthy general population |
| Wang 2020 | Long-term anti-inflammatory diet in relation to improved breast cancer prognosis: a prospective cohort study | Study used other dietary index |
| Zucchetto 2017 | Dietary inflammatory index before diagnosis and survival in an Italian cohort of women with breast cancer | Study used other dietary index |