

Supplementary Materials: Dietary Factors and Breast Cancer Prognosis among Breast Cancer Survivors: A Systematic Review and Meta-Analysis of Cohort Studies

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Table S1. Baseline characteristic of studies included in the final systematic review and meta-analysis.

Study	Project (follow-up period)	Countries	Diagnostic	Menopausal status	BC stage	Age	Sample size (n)	Exposures	Outcomes	HR/RR (95% CIs)	Covariates
1991 Ewertz M	Danish Breast Cancer Cooperative Group (DBCG;1983-1984 through 1990)	Denmark	Prediagnostic	Premenopausal 1+ Postmenopausal	I-III	< 70 years	1,744 (BC-specific death =805)	Fat consumption (Q4 vs. Q1)	Breast cancer-specific mortality	0.96 (0.75 to 1.22)	Demographic, clinical, reproductive, anthropometric, dietary, age, area of residence
								Alcohol consumption (> 121 g/week vs. 0 g/week)		1.26 (0.90 to 1.74)	
								Fat (>108 g/day vs. <56 g/day)		1.40 (0.66 to 2.96)	
1993 Rohan TE	South Australian Central Cancer Registry (SACCR; median 5.5 years)	Australia	Prediagnostic	Premenopausal 1+ Postmenopausal	-	Mean 55.1 years	412 (BC-specific death =112)	Protein (>103 g/day vs. <59 g/day)	Breast cancer-specific mortality	0.74 (0.34 to 1.66)	Energy, age at menarche, quetelet index
								Carbohydrate (>256 g/day vs. <144 g/day)		0.98 (0.53 to 1.81)	
								Saturated fat (> 45 g/day vs. <20 g/day)		1.65 (0.73 to 3.75)	
								Monounsaturated fat (>37 g/day vs. <17 g/day)		1.33 (0.56 to 3.13)	

1.63
(0.87 to 3.03)

Study	Project (follow-up period)	Countries	Diagnostic	Menopausal status	BC stage	Age	Sample size (n)	Exposures	Outcomes	HR/RR (95% CIs)	Covariates
								Retinol (>1,555 µg/day vs. <250 µg/day)		1.05 (0.56 to 1.95)	
								beta-Carotene (>8,058 µg/day vs. 3,051 µg/day)		0.96 (0.53 to 1.73)	
								Vitamin C (>234 mg/day vs. <71 mg/day)		0.80 (0.47 to 1.38)	
								Alcohol consumption		1.61 (1.03 to 2.52)	
								>10 g/day vs. 0 g/day			
								Saturated fat (>42.94 g/day vs. <26.36 g/day)		1.91 (0.73 to 5.02)	
								Saturated fat/total fat (>41% vs. <35.7%)		1.93 (1.00 to 3.74)	
1994 Jain M	National Breast Screening Study (NBSS; mean 7.7 years)	Canada	Prediagnostic	Premenopausal I+ Postmenopausal	Invasive BC	Mean 49.8 years	673 (BC-specific death =76)	Vitamin A supplements (>131,135 IU vs. <6,489 IU)	Breast cancer-specific mortality	0.56 (0.28 to 1.09)	Total energy, age at diagnosis, smoking, body weight
								beta-Carotene (>7,690 IU vs. <3,607 IU)		0.48 (0.23 to 0.99)	
								Vitamin C supplements (>210.3 mg/day vs. <110.7 mg/day)		0.43 (0.21 to 0.86)	

								Vitamin E supplements (>24.33 mg/day vs. <13.73 mg/day)		0.55 (0.26 to 1.17)	
								Thiamin supplements (>1.49 mg/day vs. <0.99 mg/day)		0.57 (0.26 to 1.25)	
								Calcium supplements (>1,005.6 mg/day vs. <541.2 mg/day)		0.66 (0.33 to 1.31)	
				Premenopausal			250 (BC-specific death)	Saturated fat (>42.94 g/day vs. <26.36 g/day)		1.14 (0.75 to 1.73)	
Study	Project (follow-up period)	Countries	Diagnostic	Menopausal status	BC stage	Age	Sample size (n)	Exposures	Outcomes	HR/RR (95% CIs)	Covariates
								Saturated fat/total fat (>41% vs. <35.7%)		1.25 (0.47 to 3.31)	
							=26)	Vitamin A supplements (4000 IU/day)		0.78 (0.54 to 1.17)	
								beta-Carotene (2000 IU/day)		0.87 (0.65 to 1.18)	
								Vitamin C supplements (100 mg/day)		0.54 (0.30 to 0.98)	

								Vitamin E supplements (10 mg/day)		0.64 (0.33 to 1.26)	
								Thiamin supplements (10 mg/day)		1.20 (1.07 to 3.66)	
								Calcium supplements (400 mg/day)		0.93 (0.58 to 1.50)	
								Saturated fat (>42.94 g/day vs. <26.36 g/day)		1.27 (0.94 to 1.73)	
								Saturated fat/total fat (>41% vs. <35.7%)		2.53 (1.20 to 5.33)	
				Postmenopausal			423 (BC-specific death =50)	Vitamin A supplements (4000 IU/day)		0.84 (0.67 to 1.06)	
								beta-Carotene (2000 IU/day)		0.84 (0.68 to 1.03)	
								Vitamin C supplements (100 mg/day)		0.74 (0.50 to 1.11)	
								Vitamin E supplements (10 mg/day)		0.76 (0.51 to 1.13)	
Study	Project (follow-up period)	Countries	Diagnostic	Menopausal status	BC stage	Age	Sample size (n)	Exposures	Outcomes	HR/RR (95% CIs)	Covariates
								Thiamin supplements (10 mg/day)		0.62 (0.36 to 1.05)	

								Calcium supplements (400 mg/day)	0.71 (0.49 to 1.05)		
								Red meat	1.43 (0.74 to 2.79)		
								Butter/margarine/lard	1.16 (0.86 to 1.58)	Breast cancer-specific mortality	
								Beer	1.58 (1.00 to 2.78)		
								Red meat	1.12 (0.66 to 1.89)		
								Butter/margarine/lard	1.30 (1.03 to 1.64)	Breast cancer recurrence	
								Beer	1.41 (1.02 to 1.97)		
1998 Hebert JR	Memorial Sloan-Kettering Cancer Center (MSK-CC; 1985-1986 through 1991)	United States	Prediagnostic	Premenopausal + Postmenopausal	I-III A	Mean 52.2 years	471 (BC-specific death =73; BC recurrence=109)	Meat/liver/bacon	2.60 (0.96 to 7.03)		Tumor stage, hormone receptor status, age, BMI
								Butter/margarine/lard	1.03 (0.61 to 1.76)	Breast cancer-specific mortality	
								Beer	2.33 (1.35 to 4.00)		
								Meat/liver/bacon	1.93 (0.89 to 4.15)		
								Butter/margarine/lard	1.67 (1.17 to 2.39)	Breast cancer recurrence	
								Beer	1.58 (1.15 to 2.17)		
								Poultry (Q4 vs. Q1)	0.70 (0.50 to 0.97)		Age, diet interval, calender year of diagnosis, BMI, oral contraceptive use, menopausal status,
1999 Holmes MD	Nurses' Health Study (NHS; mean 13.1 years)	United States	Prediagnostic + Postdiagnostic	Premenopausal + Postmenopausal	Invasive BC	Mean 54 years	1,982 (Total death =378; BC-specific death =326)	Dairy (Q4 vs. Q1)	0.72 (0.52 to 1.00)	All-cause mortality	
								Fish (Q4 vs. Q1)	0.80 (0.60 to 1.07)		
								Vegetables (Q4 vs. Q1)	0.81 (0.59 to 1.11)		

Study	Project (follow-up period)	Countries	Diagnostic	Menopausal status	BC stage	Age	Sample size (n)	Exposures	Outcomes	HR/RR (95% CIs)	Covariates
								Fruit (Q4 vs. Q1)		1.07 (0.77 to 1.49)	
								Grain (Q4 vs. Q1)		1.27 (0.90 to 1.79)	
								Red meat (Q4 vs. Q1)		1.06 (0.76 to 1.49)	
								Fiber (Q5 vs. Q1)		0.69 (0.50 to 0.97)	
								Protein (Q5 vs. Q1)		0.65 (0.47 to 0.88)	
								Vitamin A (Q5 vs. Q1)		0.78 (0.58 to 1.06)	
								Lutein/zeaxanthin (Q5 vs. Q1)		0.87 (0.62 to 1.21)	postmenopausal hormone use,
								Calcium (Q5 vs. Q1)		0.66 (0.48 to 0.91)	smoking, age at first birth and
								Omega-3 fatty acids (Q5 vs. Q1)		0.77 (0.56 to 1.07)	parity, number of metastatic lymph
								18:2 trans fatty acid (Q5 vs. Q1)		1.45 (1.06 to 1.99)	nodes, tumor size, caloric intake
								alpha-Carotene (Q5 vs. Q1)		0.93 (0.67 to 1.28)	
								beta-Carotene (Q5 vs. Q1)		0.92 (0.68 to 1.26)	
								beta-Cryptoxanthin (Q5 vs. Q1)		0.86 (0.63 to 1.19)	
								Caffeine (Q5 vs. Q1)		0.77 (0.55 to 1.07)	
								Carotenes (Q5 vs. Q1)		0.96 (0.70 to 1.31)	

Study	Project (follow-up period)	Countries	Diagnostic	Menopausal status	BC stage	Age	Sample size (n)	Exposures	Outcomes	HR/RR (95% CIs)	Covariates
								Folate supplements (Q5 vs. Q1)		0.88 (0.64 to 1.23)	
								Iodine (Q5 vs. Q1)		0.90 (0.67 to 1.21)	
								Iron supplements (Q5 vs. Q1)		0.86 (0.63 to 1.18)	
								Lycopene (Q5 vs. Q1)		0.79 (0.58 to 1.08)	
								Magnesium (Q5 vs. Q1)		0.74 (0.53 to 1.02)	
								Methionine (Q5 vs. Q1)		0.69 (0.50 to 0.94)	
								Niacin (Q5 vs. Q1)		0.80 (0.59 to 1.09)	
								Pantothenic acid (Q5 vs. Q1)		0.92 (0.67 to 1.29)	
								Potassium (Q5 vs. Q1)		0.98 (0.69 to 1.38)	
								Retinol supplements (Q5 vs. Q1)		0.82 (0.59 to 1.13)	
								Selenium (Q5 vs. Q1)		0.86 (0.63 to 1.19)	
								Sodium (Q5 vs. Q1)		0.79 (0.57 to 1.09)	
								Tryptophan (Q5 vs. Q1)		0.63 (0.46 to 0.87)	
								Vitamin B1 supplements (Q5 vs. Q1)		0.82 (0.59 to 1.13)	

Study	Project (follow-up period)	Countries	Diagnostic	Menopausal status	BC stage	Age	Sample size (n)	Exposures	Outcomes	HR/RR (95% CIs)	Covariates
							1,504 (Total)	Vitamin B2 supplements (Q5 vs. Q1)		0.81 (0.58 to 1.13)	
								Vitamin B6 supplements (Q5 vs. Q1)		0.78 (0.56 to 1.09)	
								Vitamin C supplements (Q5 vs. Q1)		1.18 (0.85 to 1.63)	
								Vitamin D supplements (Q5 vs. Q1)		0.86 (0.62 to 1.17)	
								Vitamin E supplements (Q5 vs. Q1)		0.77 (0.56 to 1.05)	
								Zinc supplements (Q5 vs. Q1)		0.83 (0.61 to 1.14)	
			Prediagnostic					Fat (Q5 vs. Q1)		1.21 (0.78 to 1.90)	Quantiles of nutrient
							death =238)	Fiber (Q5 vs. Q1)		0.77 (0.45 to 1.25)	or food intake prior to diagnosis, previous diet interval, age, diet interval, calendar year of diagnosis, BMI, oral contraceptive use, menopausal status, postmenopausal hormone use,
								Lutein/zeaxanthin (Q5 vs. Q1)		0.85 (0.53 to 1.38)	
								Calcium (Q5 vs. Q1)		0.64 (0.41 to 0.99)	
								Protein (Q5 vs. Q1)		0.70 (0.46 to 1.08)	
								Omega-3 fatty acids (Q5 vs. Q1)		1.00 (0.62 to 1.60)	
								18:2 trans fatty acid		1.58 (1.03 to 2.43)	

								(Q5 vs. Q1)			smoking, age at first birth and parity, number of metastatic lymph nodes, tumor size, calories	
								Poultry (Q4 vs. Q1)	0.60	(0.39 to 0.92)		
								Dairy (Q4 vs. Q1)	0.71	(0.44 to 1.14)		
								Fish (Q4 vs. Q1)	0.94	(0.62 to 1.43)		
								Vegetables (Q4 vs. Q1)	0.98	(0.62 to 1.53)		
								Antioxidants supplements (Ever vs. Nonusers)	0.54	(0.27 to 1.04)	Age at diagnosis, age at menopause, tumor stage, tamoxifen,	
2003	Fatty acid stores tumor characteristics and breast	United States	Prediagnostic	Postmenopausal	I-III	Mean 62.1 years	220 (BC-specific death =23; BC recurrence=41)	Vitamin E supplements (Ever vs. Nonusers)	Breast cancer recurrence or breast cancer-specific mortality	0.55	(0.28 to 1.08)	
Study	Project (follow-up period)	Countries	Diagnostic	Menopausal status	BC stage	Age	Sample size (n)	Exposures	Outcomes	HR/RR (95% CIs)	Covariates	
	cancer (FASTCAB; 12-14 years)							Vitamin C supplements (Ever vs. Nonusers)		0.64	(0.32 to 1.27)	radiotherapy, HRT, smoking, exercise, dietary intake of vitamin C or E
								Total fat (Q4 vs. Q1)		1.8	(0.9 to 4.8)	
								Saturated fat (Q4 vs. Q1)		2.5	(1.2 to 5.3)	
2004	British Columbia Cancer Agency (BCCA; median 8.1 years)	Canada	Prediagnostic	Premenopausal + Postmenopausal	I-III	Mean 54.5 years	603 (BC-specific mortality =91)	Protein (Q4 vs. Q1)	Breast cancer-specific mortality	0.4	(0.2 to 0.8)	Age, total caloric intake, stage at diagnosis
								Total carbohydrates (Q4 vs. Q1)		1.5	(0.7 to 3.4)	
								Fiber (Q4 vs. Q1)		0.7	(0.4 to 1.3)	

Study	Project (follow-up period)	Countries	Diagnostic	Menopausal status	BC stage	Age	Sample size (n)	Exposures	Outcomes	HR/RR (95% CIs)	Covariates
				Premenopausal		Mean 43.1 years	235 (BC-specific death =42)	E-Carb (Q4 vs. Q1)		1.7 (0.7 to 3.8)	
								Total fat (Q4 vs. Q1)		4.8 (1.3 to 18.1)	
								Saturated fat (Q4 vs. Q1)		4.9 (1.4 to 17.0)	
								Protein (Q4 vs. Q1)		0.2 (0.1 to 0.9)	
								Total carbohydrates (Q4 vs. Q1)		1.3 (0.3 to 5.1)	
								Fiber (Q4 vs. Q1)		0.7 (0.2 to 1.6)	
				postmenopausal				E-Carb (Q4 vs. Q1)		2.1 (0.5 to 8.6)	
								Total fat (Q4 vs. Q1)		0.7 (0.2 to 2.2)	
								Saturated fat (Q4 vs. Q1)		1.5 (0.5 to 4.0)	
								Protein (Q4 vs. Q1)		0.6 (0.2 to 1.6)	
								Total carbohydrates (Q4 vs. Q1)		2.0 (0.7 to 5.7)	
								Fiber (Q4 vs. Q1)		0.8 (0.3 to 1.8)	
								E-Carb (Q4 vs. Q1)		1.7 (0.6 to 4.9)	
2005 Boyapati SM	Shanghai breast cancer study (SBCS; median 5.2 years)	China	Prediagnostic	Premenopausal	I-IV	25 to 64 years	1,459 (Total	Total soy protein (T3 vs. T1)	Disease-free survival	0.99 (0.73 to 1.33)	Age at diagnosis, stage of disease, radiotherapy,

				Postmenopausal			death =297)	Total isoflavones (T3 vs. T1)		1.06 (0.79 to 1.42)	ER/PR status, total energy intake
				Premenopausal			339 (Total death =58)	Total soy protein (T3 vs. T1)		1.09 (0.74 to 1.60)	
				Postmenopausal			143 (Total death =39)	Total soy protein (T3 vs. T1)		0.79 (0.49 to 1.28)	
2005 Kroenke CH	Nurses' Health Study (NHS; median 9 years)	United States	Prediagnostic	Premenopausal 1+ Postmenopausal	Invasive BC	Mean 57.8 years	2,619 (Total death =414; BC-specific death =242)	Western diet pattern (Q5 vs. Q1)	All-cause mortality	1.40 (0.93 to 2.09)	Age, BMI, energy intake, smoking, physical activity, diet missing in 1986,
Study	Project (follow-up period)	Countries	Diagnostic	Menopausal status	BC stage	Age	Sample size (n)	Exposures	Outcomes	HR/RR (95% CIs)	Covariates
								Western diet pattern (Q5 vs. Q1)	Breast cancer-specific mortality	1.01 (0.59 to 1.72)	1990, 1994, age at menarche, oral contraceptive use, birth index, menopausal status, use of postmenopausal hormone therapy, age at menopause, tamoxifen use, chemotherapy, stage at diagnosis
			Postdiagnostic					Western diet pattern	All-cause mortality	1.53 (1.03 to 2.29)	Age, time since diagnosis, BMI,

Study	Project (follow-up period)	Countries	Diagnostic	Menopausal status	BC stage	Age	Sample size (n)	Exposures	Outcomes	HR/RR (95% CIs)	Covariates
								Prudent diet pattern (Q5 vs. Q1)	Breast cancer-specific mortality	0.78 (0.54 to 1.12)	energy intake, smoking, physical activity, diet missing in 1986, 1990, 1994, 1998, age a,
								Western diet pattern (Q5 vs. Q1)		1.01 (0.60 to 1.70)	
								Prudent diet pattern (Q5 vs. Q1)		1.07 (0.66 to 1.73)	
2006 Cui Y	Shanghai breast cancer study (SBCS; mean 4.8 years)	China	Prediagnostic	Premenopausal 1+ Postmenopausal	I-IV	Mean 48.2 years	1,455 (Total death =191; BC recurrence=235)	Ginseng (Regular use vs. Never use)	All-cause mortality	0.71 (0.52 to 0.98)	menarche, oral contraceptive use, birth index, menopausal status, use of postmenopausal hormone therapy, age at menopause, tamoxifen, chemotherapy, stage at diagnosis
								Ginseng (Regular use vs. Never use)	Disease-free survival, recurrence	0.70 (0.53 to 0.93)	Age at diagnosis, marital status, education, income, tumor-node metastasis, ER/PR status, surgery, chemotherapy, radiotherapy, tamoxifen use

Study	Project (follow-up period)	Countries	Diagnostic	Menopausal status	BC stage	Age	Sample size (n)	Exposures	Outcomes	HR/RR (95% CIs)	Covariates
2006 McEligot AJ	Cancer surveillance program of Orange County (CSPOC; mean 6.7 years)	United States	Prediagnostic	Postmenopausal	<i>In situ</i> and metastatic BC	Mean 64.78 years	516 (Total =96; BC-specific death =41)	Vegetables (T3 vs. T1)	All-cause mortality	0.57 (0.35 to 0.94)	Stage of disease, age at diagnosis, BMI, parity, HRT use, alcohol use, multivitamin use, energy intake
								Fruit (T3 vs. T1)		0.63 (0.38 to 1.05)	
								Total fat (T3 vs. T1)		3.12 (1.79 to 5.44)	
								Saturated fat (T3 vs. T1)		4.45 (2.26 to 8.78)	
								Oleic fatty acid (T3 vs. T1)		3.56 (1.67 to 7.59)	
								Linoleic fatty acid (T3 vs. T1)		2.39 (1.21 to 4.69)	
								Fiber (T3 vs. T1)		0.48 (0.27 to 0.86)	
								Folate (T3 vs. T1)		0.34 (0.18 to 0.67)	
								Vitamin C (T3 vs. T1)		0.45 (0.25 to 0.78)	
								alpha-Carotene (T3 vs. T1)		0.77 (0.45 to 1.30)	
								beta-Carotene (T3 vs. T1)		0.50 (0.29 to 0.85)	
								beta-Cryptoxanthin (T3 vs. T1)		0.54 (0.30 to 0.96)	
								Lutein (T3 vs. T1)		0.50 (0.30 to 0.84)	
								Lycopene (T3 vs. T1)		0.76 (0.45 to 1.30)	
Provitamin A supplements (T3 vs. T1)	0.58 (0.34 to 0.99)										

Study	Project (follow-up period)	Countries	Diagnostic	Menopausal status	BC stage	Age	Sample size (n)	Exposures	Outcomes	HR/RR (95% CIs)	Covariates
								Folate supplements (T3 vs. T1)		1.05 (0.54 to 2.03)	
								Vitamin C supplements (T3 vs. T1)		0.58 (0.31 to 1.09)	
								beta-Carotene supplements (T3 vs. T1)		0.69 (0.40 to 1.20)	
								Any fruits, fruit juices, and vegetables (>46 variables vs. 0-18 variables)		1.38 (0.65 to 2.91)	
								Any fruits and fruit juices (>24 variables vs. 0-6 variables)		1.10 (0.48 to 2.52)	Reproductive and menstrual histories, active and passive smoking, alcohol intake, body size, physical activity, medical history
2006 Fink BN	Long Island breast cancer study project (LIBCSP; 1996-1997 through 2002 to 2004)	United States	Postdiagnostic	Premenopausal 1	<i>in situ</i> or Invasive BC	-	376 (Total death =43)	Citrus fruits (>12 variables vs. 0-1 variables)	All-cause mortality	1.70 (0.75 to 3.89)	
								Any vegetables (>24 variables vs. 0-8 variables)		1.40 (0.71 to 2.76)	
								Leafy vegetables (>9 variables vs. 0-2 variables)		0.85 (0.39 to 1.85)	
								Yellow vegetables (>16 variables vs. 0-4 variables)		1.09 (0.52 to 2.28)	

Study	Project (follow-up period)	Countries	Diagnostic	Menopausal status	BC stage	Age	Sample size (n)	Exposures	Outcomes	HR/RR (95% CIs)	Covariates
								Cruciferous vegetables (>6 variables vs. 0-1 variables)		0.72 (0.34 to 1.54)	
								Dietary alpha-Carotene (>401.9 µg/day vs. 0-74.5 µg/day)		0.76 (0.35 to 1.67)	
								Dietary beta-Carotene (>3,753.8 µg/day vs. 0-1,067.9 µg/day)		0.82 (0.37 to 1.82)	
								Dietary cryptoxanthin (>133.6 µg/day vs. 0-31.2 µg/day)		1.13 (0.53 to 2.41)	
								Dietary lutein (>3,073.5 µg/day vs. 0-675.6 µg/day)		1.71 (0.89 to 3.29)	
								Dietary lycopene (>2,263.9 µg/day vs. 0-548.6 µg/day)		0.61 (0.29 to 1.29)	
								Dietary vitamin C (>173 mg/day vs. 0-60.7 mg/day)		0.90 (0.42 to 1.94)	
								Dietary vitamin E (>10.4 a-te/day)		0.96 (0.44 to 2.09)	

Study	Project (follow-up period)	Countries	Diagnostic	Menopausal status	BC stage	Age	Sample size (n)	Exposures	Outcomes	HR/RR (95% CIs)	Covariates
				Postmenopausal			834 (Total death =132)	vs. 0-4.4 a- te/day) Any fruits, fruit juices, and vegetables (>46 variables vs. 0-18 variables) Any fruits and fruit juices (>24 variables vs. 0-6 variables) Citrus fruits (>12 variables vs. 0-1 variables) Any vegetables (>24 variables vs. 0-8 variables) Leafy vegetables (>9 variables vs. 0-2 variables)	0.68 (0.42 to 1.09) 0.87 (0.57 to 1.35) 0.90 (0.56 to 1.44) 0.92 (0.57 to 1.48) 0.72 (0.41 to 1.24)		
								Yellow vegetables (>16 variables vs. 0-4 variables) Cruciferous vegetables (>6 variables vs. 0-1 variables) Dietary alpha- Carotene (>401.9	0.90 (0.58 to 1.40) 1.07 (0.67 to 1.72) 1.20 (0.79 to 1.81)		

µg/day vs. 0-74.5 µg/day)	
Dietary beta-Carotene (>3,753.8 µg/day vs. 0-1,067.9 µg/day)	1.07 (0.70 to 1.64)
Dietary cryptoxanthin (>133.6 µg/day vs. 0-31.2 µg/day)	0.82 (0.53 to 1.28)
Dietary lutein (>3,073.5 µg/day vs. 0-675.6 µg/day)	0.68 (0.42 to 1.12)
Dietary lycopene (>2,263.9 µg/day vs. 0-548.6 µg/day)	0.79 (0.48 to 1.30)
Dietary vitamin C (>173 mg/day vs. 0-60.7 mg/day)	1.08 (0.70 to 1.66)
Dietary vitamin E (>10.4 a-te/day vs. 0-4.4 a-te/day)	0.77 (0.47 to 1.27)

Study	Project (follow-up period)	Countries	Diagnostic	Menopausal status	BC stage	Age	Sample size (n)	Exposures	Outcomes	HR/RR (95% CIs)	Covariates
2007 Fink BN	Long Island breast cancer study project (LIBCSP;	United States	Prediagnostic		Invasive BC	-	1,210 (Total	Total flavonoids (>340.5 mg/day	All-cause mortality	0.96 (0.66 to 1.40)	Age and energy

1996-1997 through 2002 to 2004)	death =173)	vs. 0-42.4 mg/day)	
		Total flavonols (>14.5 mg/day vs. 0-3.4 mg/day)	1.12 (0.78 to 1.62)
		Total flavones (>0.20 mg/day vs. 0-0.03 mg/day)	0.63 (0.41 to 0.96)
		Total flavanones (>48.6 mg/day vs. 0-4.0 md/day)	1.03 (0.72 to 1.48)
Premenopausa +Postmenopa usal		Total flavan-3- ols (>263.8 mg/day vs. 0-5.0 mg/day)	1.01 (0.70 to 1.46)
		Total anthocyanidins (>4.24 mg/day vs. 0-0.03 mg/day)	0.64 (0.42 to 0.98)
		Total isoflavones (>7.48 mg/day vs. 0-0.29 mg/day)	0.52 (0.33 to 0.82)
		Total lignans (>9.0 mg/day vs. 0-2.2 mg/day)	1.03 (0.71 to 1.49)
	376 (Total death =43)	Total flavonoids (>340.5 mg/day vs. 0-42.4 mg/day)	1.77 (0.91 to 3.46)
Premenopausa 1			

Study	Project (follow-up period)	Countries	Diagnostic	Menopausal status	BC stage	Age	Sample size (n)	Exposures	Outcomes	HR/RR (95% CIs)	Covariates
								Total flavonols (>14.5 mg/day vs. 0-3.4 mg/day)		1.64 (0.84 to 3.17)	
								Total flavones (>0.20 mg/day vs. 0-0.03 mg/day)		0.69 (0.32 to 1.47)	
								Total flavanones (>48.6 mg/day vs. 0-4.0 mg/day)		1.08 (0.48 to 2.43)	
								Total flavan-3-ols (>263.8 mg/day vs. 0-5.0 mg/day)		1.76 (0.91 to 3.42)	
								Total anthocyanidins (>4.24 mg/day vs. 0-0.03 mg/day)		0.62 (0.27 to 1.40)	
								Total isoflavones (>7.48 mg/day vs. 0-0.29 mg/day)		0.71 (0.34 to 1.48)	
								Total lignans (>9.0 mg/day vs. 0-2.2 mg/day)		1.27 (0.63 to 2.54)	
				Postmenopausal			834 (Total death =130)	Total flavonoids (>340.5 mg/day vs. 0-42.4 mg/day)		0.78 (0.49 to 1.25)	

								Total flavonols (>14.5 mg/day vs. 0-3.4 mg/day)		0.98 (0.62 to 1.53)	
								Total flavones (>0.20 mg/day vs. 0-0.03 mg/day)		0.59 (0.35 to 0.99)	
								Total flavanones (>48.6 mg/day vs. 0-4.0 mg/day)		0.99 (0.66 to 1.49)	
								Total flavan-3-ols (>263.8 mg/day vs. 0-5.0 mg/day)		0.84 (0.53 to 1.32)	
								Total anthocyanidins (>4.24 mg/day vs. 0-0.03 mg/day)		0.66 (0.40 to 1.08)	
Study	Project (follow-up period)	Countries	Diagnostic	Menopausal status	BC stage	Age	Sample size (n)	Exposures	Outcomes	HR/RR (95% CIs)	Covariates
								Total isoflavones (>7.48 mg/day vs. 0-0.29 mg/day)		0.44 (0.24 to 0.81)	
								Total lignans (>9.0 mg/day vs. 0-2.2 mg/day)		0.98 (0.63 to 1.54)	
				Premenopausal 1+ Postmenopausal			1,148 (BC-specific)	Total flavonoids (>340.5 mg/day vs. 0-42.4 mg/day)	Breast cancer-specific mortality	0.88 (0.55 to 1.42)	

death =113)	Total flavonols (>14.5 mg/day vs. 0-3.4 mg/day)	1.20 (0.77 to 1.87)
	Total flavones (>0.20 mg/day vs. 0-0.03 mg/day)	0.48 (0.27 to 0.84)
	Total flavanones (>48.6 mg/day vs. 0-4.0 mg/day)	0.98 (0.62 to 1.56)
	Total flavan-3- ols (>263.8 mg/day vs. 0-5.0 mg/day)	0.89 (0.55 to 1.43)
	Total anthocyanidins (>4.24 mg/day vs. 0-0.03 mg/day)	0.68 (0.41 to 1.13)
	Total isoflavones (>7.48 mg/day vs. 0-0.29 mg/day)	0.87 (0.54 to 1.41)
	Total lignans (>9.0 mg/day vs. 0-2.2 mg/day)	0.95 (0.60 to 1.51)

Study	Project (follow-up period)	Countries	Diagnostic	Menopausal status	BC stage	Age	Sample size (n)	Exposures	Outcomes	HR/RR (95% CIs)	Covariates
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	Total flavonoids (>340.5 mg/day vs. 0-42.4 mg/day)	1.75 (0.82 to 3.72)
	Total flavonols (>14.5 mg/day vs. 0-3.4 mg/day)	1.64 (0.78 to 3.46)
	Total flavones (>0.20 mg/day vs. 0-0.03 mg/day)	0.45 (0.17 to 1.19)
	Total flavanones (>48.6 mg/day vs. 0-4.0 mg/day)	0.61 (0.21 to 1.81)
Premenopausa 1	367 (BC- specific death =34) Total flavan-3- ols (>263.8 mg/day vs. 0-5.0 mg/day)	1.75 (0.83 to 3.69)
	Total anthocyanidins (>4.24 mg/day vs. 0-0.03 mg/day)	0.81 (0.35 to 1.89)
	Total isoflavones (>7.48 mg/day vs. 0-0.29 mg/day)	1.03 (0.46 to 2.28)

Study	Project (follow-up period)	Countries	Diagnostic	Menopausal status	BC stage	Age	Sample size (n)	Exposures	Outcomes	HR/RR (95% CIs)	Covariates
								Total lignans (>9.0 mg/day vs. 0-2.2 mg/day)		1.16 (0.52 to 2.58)	
				Postmenopausal			781 (BC-specific death =79)	Total flavonoids (>340.5 mg/day vs. 0-42.4 mg/day)		0.62 (0.33 to 1.16)	
								Total flavonols (>14.5 mg/day vs. 0-3.4 mg/day)		1.02 (0.59 to 1.79)	
								Total flavones (>0.20 mg/day vs. 0-0.03 mg/day)		0.49 (0.24 to 0.99)	
								Total flavanones (>48.6 mg/day vs. 0-4.0 mg/day)		1.09 (0.65 to 1.82)	
								Total flavan-3-ols (>263.8 mg/day vs. 0-5.0 mg/day)		0.63 (0.34 to 1.18)	
								Total anthocyanidins (>4.24 mg/day vs. 0-0.03 mg/day)		0.62 (0.33 to 1.18)	

								Total isoflavones (>7.48 mg/day vs. 0-0.29 mg/day)		0.79 (0.43 to 1.44)	
								Total lignans (>9.0 mg/day vs. 0-2.2 mg/day)		0.87 (0.49 to 1.55)	
2008 Xu X	Long Island breast cancer study project (LIBCSP; mean 5.6 years)	United States	Prediagnostic	Premenopausal 1+ Postmenopausal	In situ or invasive BC	Mean 58.8 years	1,508 (Total death =198; BC-specific death =124)	Dietary folate (High vs. Low)	All-cause mortality	0.79 (0.52 to 1.12)	Age and energy
Study	Project (follow-up period)	Countries	Diagnostic	Menopausal status	BC stage	Age	Sample size (n)	Exposures	Outcomes	HR/RR (95% CIs)	Covariates
								Total folate (diet + supplements; High vs. Low)		0.97 (0.69 to 1.36)	
								Vitamin B1 (thiamin; High vs. Low)		0.54 (0.38 to 0.88)	
								Vitamin B2 (riboflavin; High vs. Low)		0.92 (0.58 to 1.44)	
								Vitamin B3 (niacin; High vs. Low)		0.61 (0.38 to 0.98)	
								Vitamin B6 (pyridoxine; High vs. Low)		0.95 (0.61 to 1.48)	

								Vitamin B12 (cobalamin; High vs. Low)		1.20 (0.80 to 1.81)	
								Methionine (High vs. Low)		0.70 (0.44 to 1.13)	
								Betaine (High vs. Low)		0.81 (0.54 to 1.20)	
								Dietary folate (High vs. Low)		0.81 (0.47 to 1.39)	
								Total folate (diet + supplements; High vs. Low)		1.24 (0.81 to 1.90)	
								Vitamin B1 (thiamin; High vs. Low)	Breast cancer-specific mortality	0.44 (0.24 to 0.81)	
								Vitamin B2 (riboflavin; High vs. Low)		0.72 (0.41 to 1.29)	
								Vitamin B3 (niacin; High vs. Low)		0.61 (0.34 to 1.09)	
								Vitamin B6 (pyridoxine; High vs. Low)		0.77 (0.44 to 1.36)	
Study	Project (follow-up period)	Countries	Diagnostic	Menopausal status	BC stage	Age	Sample size (n)	Exposures	Outcomes	HR/RR (95% CIs)	Covariates
								Vitamin B12 (cobalamin; High vs. Low)		1.10 (0.65 to 1.85)	
								Methionine (High vs. Low)		0.70 (0.39 to 1.28)	
								Betaine (High vs. Low)		0.72 (0.44 to 1.17)	

Study	Project (follow-up period)	Countries	Diagnostic	Menopausal status	BC stage	Age	Sample size (n)	Exposures	Outcomes	HR/RR (95% CIs)	Covariates
2009 Guha N	Life after cancer epidemiology study (LACE; mean 6.31 years)	United States	Prediagnostic	I-III A	1,954 (BC recurrence=282)			Daidzein intake (>9,596.55 µg/day vs. 0 µg/day)	Breast cancer recurrence	0.96 (0.52 to 1.76)	Soy supplement use, BMI 1 year before diagnosis, menopausal status, tobacco pack-years, tumor stage, ER status, age, race, kilocalories
								Genistein intake (>13,025.88 µg/day vs. 0 µg/day)		0.95 (0.52 to 1.75)	
								Glycetin intake (>795.40 µg/day vs. 0-3.61 µg/day)		0.80 (0.42 to 1.50)	
								Daidzein intake (>9,596.55 µg/day vs. 0 µg/day)		1.74 (0.63 to 4.76)	
				Pre-menopausal				Genistein intake (>13,025.88 µg/day vs. 0 µg/day)		1.75 (0.65 to 4.76)	Soy supplement use, BMI 1 year before diagnosis, tobacco pack-years, tumor stage, ER status, age, race, kilocalories
				Postmenopausal				Glycetin intake (>795.40 µg/day vs. 0-3.61 µg/day)		1.60 (0.54 to 4.72)	
								Daidzein intake (>9,596.55 µg/day vs. 0 µg/day)		0.70 (0.27 to 1.77)	
								Genistein intake (>13,025.88 µg/day vs. 0 µg/day)		0.69 (0.27 to 1.75)	

Study	Project (follow-up period)	Countries	Diagnostic	Menopausal status	BC stage	Age	Sample size (n)	Exposures	Outcomes	HR/RR (95% CIs)	Covariates
2009 Kwan ML	Life after cancer epidemiology study (LACE; mean 5.93 years)	United States	Prediagnostic	Premenopausal + Postmenopausal	I-III A	58.6 years	Mean =213; BC-specific death =121; BC recurrence=256	Prudent diet pattern (Q4 vs. Q1)	All-cause mortality	0.51 (0.18 to 1.38)	Age at diagnosis, total energy intake (kcal), race, BMI at enrollment, total physical activity, smoking, menopausal status at diagnosis, weight change from before diagnosis to baseline, stage of cancer, hormone receptor status,
							1,901 (Total death)	Western diet pattern (Q4 vs. Q1)	Breast cancer-specific mortality	1.53 (0.93 to 2.54)	
								Prudent diet pattern (Q4 vs. Q1)	Breast cancer-specific mortality	0.79 (0.43 to 1.43)	treatment
								Western diet pattern (Q4 vs. Q1)	Breast cancer-specific mortality	1.20 (0.62 to 2.32)	
								Prudent diet pattern (Q4 vs. Q1)	Breast cancer recurrence	0.95 (0.63 to 1.43)	

Study	Project (follow-up period)	Countries	Diagnostic	Menopausal status	BC stage	Age	Sample size (n)	Exposures	Outcomes	HR/RR (95% CIs)	Covariates
								Western diet pattern (Q4 vs. Q1)		0.98 (0.62 to 1.54)	
2009 Shu XO	Shanghai breast cancer survival study (SBCSS; median 3.9 years)	China	Postdiagnostic	Premenopausal 1+ Postmenopausal	I-IV	20 to 75 years	5,042 (Total death or recurrence=534)	Soy protein (>15.31 g/day vs. <5.31 g/day) Isoflavones (>62.68 mg/day vs. <20.00 mg/day) Soy protein (>15.31 g/day vs. <5.31 g/day) Isoflavones (>62.68 mg/day vs. <20.00 mg/day)	All-cause mortality Breast cancer-specific mortality or recurrence	0.71 (0.54 to 0.92) 0.79 (0.61 to 1.03) 0.68 (0.54 to 0.87) 0.65 (0.51 to 0.84)	Age at diagnosis, TNM stage, chemotherapy, radiotherapy, type of surgery received, BMI, menopausal status, ER/PR status, tamoxifen use, education level, income, cruciferous vegetable intake, total meat intake,
2010 Hellmann SS	Copenhagen city heart study (CCHS; median 7.8 years)	Denmark	Prediagnostic	Premenopausal 1+ postmenopausal	-	Median 66.9 years	528 (Total death =323)	Alcohol consumption (>14 units/week vs. 1 unit/week)	All-cause mortality	1.06 (0.68 to 1.66) 1.39 (0.77 to 2.52)	vitamin supplement use, tea consumption, physical activity, Alcohol, smoking, physical activity, BMI, HRT, age, disease stage, menopausal status, parity, education, adjuvant treatment, Alcohol, smoking,

Study	Project (follow-up period)	Countries	Diagnostic	Menopausal status	BC stage	Age	Sample size (n)	Exposures	Outcomes	HR/RR (95% CIs)	Covariates
				Premenopausal			85 (Total death =31)	Alcohol consumption (>14 units/week vs. 1 unit/week)	All-cause mortality	0.23 (0.03 to 1.54)	physical activity, BMI, HRT, age, disease stage, parity, education, adjuvant treatment
				Postmenopausal			443 (Total death =292)	Alcohol consumption (>14 units/week vs. 1 unit/week)		0.93 (0.57 to 1.50)	
2010 Kang X	Harbin medical university (HMU; median 5.1 years)	China	Prediagnostic	Premenopausal	I-III	29 to 72 years	248 (Total death =76; BC recurrence=94)	Soy isoflavones (>42.3 mg/day vs. <15.2 mg/day)	Breast cancer-specific mortality	1.05 (0.78 to 1.71)	Age at diagnosis, TNM stage, ER/PR status,
				Postmenopausal			276 (Total death =78; BC recurrence=91)	Soy isoflavones (>42.3 mg/day vs. <15.2 mg/day)	Breast cancer recurrence	0.88 (0.61 to 1.23)	
				Postmenopausal			276 (Total death =78; BC recurrence=91)	Soy isoflavones (>42.3 mg/day vs. <15.2 mg/day)	Breast cancer-specific mortality	0.88 (0.56 to 1.24)	chemotherapy, radiotherapy
				Postmenopausal			1,897 (Total death =273; BC-specific)	Total alcohol (>6.0 g/day vs. None)	All-cause mortality	1.19 (0.87 to 1.62)	Age at diagnosis, prediagnosis
2010 Kwan ML	Life after cancer epidemiology study (LACE; mean 7.42 years)	United States	Postdiagnostic	Premenopausal + Postmenopausal	Invasive BC	18 to 70 years	1,897 (Total death =273; BC-specific)	Wine		1.08 (0.77 to 1.52)	BMI, total folate intake, stage of disease, hormone

							death =154; BC recurren ce =185)	(>2 servings/week vs. None)			receptor status, tamoxifen use, treatment, positive lymph nodes
							Total alcohol (>6.0 g/day vs. None)		1.51 (1.00 to 2.29)		
							Wine (>2 servings/week vs. None)	Breast cancer-specific mortality	1.37 (0.88 to 2.14)		
							Total alcohol (>6.0 g/day vs. None)		1.35 (1.00 to 1.83)		
							Wine (>2 servings/week vs. None)	Breast cancer recurrence	1.33 (0.97 to 1.81)		
2011 Beasley JM	Collaborative women's longevity study (CWLS;	United States	Postdiagnostic	Premenopausa 1+ Postmenopaus al	Invasive BC	20 to 79 years	4,441 (Total =525; BC- specific death	Total fat (Q5 vs. Q1)	All-cause mortality	1.05 (0.79 to 1.39)	Age, state of residence, menopausal status, smoking,
Study	Project (follow-up period)	Countries	Diagnostic	Menopausal status	BC stage	Age	Sample size (n)	Exposures	Outcomes	HR/RR (95% CIs)	Covariates
	mean 5.5 years)						=137)	Saturated fat (Q5 vs. Q1)		1.41 (1.06 to 1.87)	Breast cancer stage, alcohol, history of HRT, interval between diagnosis and diet assessment,
								Trans fat (Q5 vs. Q1)		1.78 (1.35 to 2.32)	energy intake, breast cancer treatment, BMI, physical activity
								Monounsaturate d fat (Q5 vs. Q1)		1.14 (0.86 to 1.52)	
								Polyunsaturated fat (Q5 vs. Q1)		0.91 (0.70 to 1.19)	
								Carbohydrates (Q5 vs. Q1)		0.97 (0.72 to 1.30)	

								Protein (Q5 vs. Q1)		0.98 (0.73 to 1.31)	
								Alcohol (Q5 vs. Q1)		0.78 (0.60 to 1.01)	
								Vitamin A (Q5 vs. Q1)		1.12 (0.84 to 1.50)	
								alpha-Carotene (Q5 vs. Q1)		1.08 (0.81 to 1.43)	
								beta-Carotene (Q5 vs. Q1)		1.17 (0.88 to 1.57)	
								beta-Cryptoxanthin (Q5 vs. Q1)		1.25 (0.93 to 1.68)	
								Lutein/zeaxanthin (Q5 vs. Q1)		1.05 (0.77 to 1.43)	
								Lycopene (Q5 vs. Q1)		1.11 (0.83 to 1.47)	
								Fiber (Q5 vs. Q1)		0.75 (0.52 to 1.09)	
								Whole grain (Q5 vs. Q1)		0.79 (0.59 to 1.08)	
								Calcium (Q5 vs. Q1)		0.74 (0.53 to 1.02)	
								Vitamin D (Q5 vs. Q1)		0.86 (0.64 to 1.16)	
								Dairy (Q4 vs. Q1)		1.18 (0.90 to 1.54)	
								Meat (Q4 vs. Q1)		1.12 (0.83 to 1.51)	
Study	Project (follow-up period)	Countries	Diagnostic	Menopausal status	BC stage	Age	Sample size (n)	Exposures	Outcomes	HR/RR (95% CIs)	Covariates
								Vegetables (Q4 vs. Q1)		1.44 (0.91 to 2.27)	

Cruciferous vegetables (Q4 vs. Q1)	1.02 (0.80 to 1.30)
Fruit (Q4 vs. Q1)	1.38 (0.88 to 2.17)
Total fat (Q5 vs. Q1)	0.92 (0.53 to 1.60)
Saturated fat (Q5 vs. Q1)	1.55 (0.88 to 2.75)
Trans fat (Q5 vs. Q1)	1.42 (0.80 to 2.52)
Monounsaturate d fat (Q5 vs. Q1)	0.89 (0.49 to 1.60)
Polyunsaturated fat (Q5 vs. Q1)	0.90 (0.52 to 1.55)
Carbohydrates (Q5 vs. Q1)	0.93 (0.54 to 1.62)
Protein (Q5 vs. Q1)	1.19 (0.66 to 2.14)
Alcohol (Q5 vs. Q1)	1.27 (0.76 to 2.14)
Vitamin A (Q5 vs. Q1)	1.24 (0.68 to 2.24)
alpha-Carotene (Q5 vs. Q1)	0.98 (0.59 to 1.64)
beta-Carotene (Q5 vs. Q1)	1.05 (0.60 to 1.86)
beta- Cryptoxanthin (Q5 vs. Q1)	0.81 (0.45 to 1.45)
Lutein/zeaxanth in (Q5 vs. Q1)	1.16 (0.62 to 2.19)
Lycopene (Q5 vs. Q1)	1.42 (0.80 to 2.50)

Breast cancer-specific
mortality

Study	Project (follow-up period)	Countries	Diagnostic	Menopausal status	BC stage	Age	Sample size (n)	Exposures	Outcomes	HR/RR (95% CIs)	Covariates
								Fiber (Q5 vs. Q1)		0.75 (0.38 to 1.49)	
								Whole grain (Q5 vs. Q1)		0.83 (0.46 to 1.48)	
								Calcium (Q5 vs. Q1)		0.59 (0.32 to 1.08)	
								Vitamin D (Q5 vs. Q1)		1.02 (0.58 to 1.79)	
								Dairy (Q4 vs. Q1)		0.94 (0.56 to 1.59)	
								Meat (Q4 vs. Q1)		0.89 (0.50 to 1.60)	
								Vegetables (Q4 vs. Q1)		0.96 (0.38 to 2.45)	
								Cruciferous vegetables (Q4 vs. Q1)		0.95 (0.59 to 1.54)	
								Fruit (Q4 vs. Q1)		1.39 (0.64 to 2.99)	
								Carbohydrates (>212.9 g/day vs. <110.9 g/day)		0.99 (0.39 to 2.50)	Fiber, folate intake, tumor stage, treatment, tamoxifen use
								Glycemic index (Q4 vs. Q1)		1.40 (0.78 to 2.50)	Physical activity, tumor stage, treatment, tamoxifen use
								Glycemic load (Q4 vs. Q1)		1.23 (0.46 to 3.31)	Total energy intake, folate intake, fiber intake, tumor stage, treatment,

Study	Project (follow-up period)	Countries	Diagnostic	Menopausal status	BC stage	Age	Sample size (n)	Exposures	Outcomes	HR/RR (95% CIs)	Covariates
								Fiber (>18.3 g/day vs. <8.8 g/day)	Breast cancer-specific mortality	0.53 (0.23 to 1.23)	tamoxifen use Total energy intake, folate intake, tumor stage, treatment, tamoxifen use
								Carbohydrates (>212.9 g/day vs. <110.9 g/day)		0.76 (0.27 to 2.17)	Fiber, folate intake, tumor stage, treatment, tamoxifen use
								Glycemic index (Q4 vs. Q1)		1.60 (0.80 to 3.21)	Physical activity, tumor stage, treatment, tamoxifen use
								Glycemic load (Q4 vs. Q1)		1.11 (0.37 to 3.34)	Total energy intake, folate intake, fiber intake, tumor stage, treatment, tamoxifen use
Study	Project (follow-up period)	Countries	Diagnostic	Menopausal status	BC stage	Age	Sample size (n)	Exposures	Outcomes	HR/RR (95% CIs)	Covariates
								Fiber (>18.3 g/day vs. <8.8 g/day)		0.68 (0.27 to 1.70)	Total energy intake, folate intake, tumor stage, treatment, tamoxifen use
								Carbohydrates (>212.9 g/day vs. <110.9 g/day)	Breast cancer recurrence	0.77 (0.27 to 2.19)	Fiber, folate intake, tumor stage, treatment, tamoxifen use

Study	Project (follow-up period)	Countries	Diagnostic	Menopausal status	BC stage	Age	Sample size (n)	Exposures	Outcomes	HR/RR (95% CIs)	Covariates
								Glycemic index (Q4 vs. Q1)		1.56 (0.77 to 3.13)	Physical activity, tumor stage, treatment, tamoxifen use
								Glycemic load (Q4 vs. Q1)		1.14 (0.38 to 3.44)	Total energy intake, folate intake, fiber intake, tumor stage, treatment, tamoxifen use
								Fiber (>18.3 g/day vs. <8.8 g/day)		0.68 (0.27 to 1.70)	Total energy intake, folate
								Total isoflavone (Level 4 vs. Level1)	All-cause mortality	0.46 (0.20 to 1.05)	intake, tumor stage, treatment, tamoxifen use
2011 Caan BJ	Women's health eating and living (WHEL; median 7.3 years)	United States	Postdiagnostic	Premenopausal 1+ Postmenopausal	I-III	18-70 years	2,736 (Total death =271; BC recurrence =448)	Total isoflavone (Level 4 vs. Level1)	Breast cancer recurrence	0.78 (0.46 to 1.31)	Stage, grade, ER/PR status, menopausal status, chemotherapy treatment, radiation, age, education, race, soy supplements, intervention group, presence of hot flash symptoms and their interaction, tamoxifen use

Study	Project (follow-up period)	Countries	Diagnostic	Menopausal status	BC stage	Age	Sample size (n)	Exposures	Outcomes	HR/RR (95% CIs)	Covariates
2011 George SM	Health, eating, activity and lifestyle (HEAL; mean 6 years)	United States	Postdiagnostic	Premenopausal 1+ Postmenopausal	I-III	Mean 57.9 years	670 (Total death =62; BC-specific death =24)	HEI-2005 (Q4 vs. Q1)	All-cause mortality	0.40 (0.17 to 0.94)	Energy intake, physical activity, race, stage, tamoxifen use, BMI
2011 Kim EHJ	Nurses' health study (NHS; 1978-1998 through 2004)	United States	Postdiagnostic	Premenopausal 1+ Postmenopausal	I-III	30 to 55 years	2,729 (Total death =572; BC-specific death =302)	AHEI (Q5 vs. Q1)	All-cause mortality	0.85 (0.63 to 1.17)	Time since diagnosis, age, alcohol intake, energy, multivitamins, BMI, weight change, oral contraceptive use, smoking status, physical activity, stage, categories of treatment, age at first birth and parity, menopausal status, postmenopausal hormone use
								DQIR (Q5 vs. Q1)		0.78 (0.58 to 1.07)	
								RFS (Q5 vs. Q1)	1.03 (0.74 to 1.42)		
								aMED (Q5 vs. Q1)	0.87 (0.64 to 1.17)		
								AHEI (Q5 vs. Q1)	1.53 (0.98 to 2.39)		
2011 Kwan ML	Life after cancer	United States	Postdiagnostic	Premenopausal 1+	Invasive BC	Mean 58 years	2,236 (Total	Multivitamins supplements (Yes vs. No)	All-cause mortality	0.92 (0.71 to 1.19)	Age at diagnosis, race/ethnicity,
								DQIR (Q5 vs. Q1)			
								RFS (Q5 vs. Q1)	1.54 (0.95 to 2.47)		
							aMED (Q5 vs. Q1)			1.15 (0.74 to 1.77)	

Study	Project (follow-up period)	Countries	Diagnostic	Postmenopausal Menopausal status	BC stage	Age	death =396; Sample size (n)	Exposures	Outcomes	HR/RR (95% CIs)	Covariates
								Multivitamins supplements (Yes vs. No)	Breast cancer-specific mortality	0.87 (0.60 to 1.24)	
								Multivitamins supplements (Yes vs. No)	Breast cancer recurrence	0.92 (0.71 to 1.20)	
								Multivitamins supplements (Persistent use vs. Never use)		0.79 (0.56 to 1.12)	
								Fruit and vegetable consumption (Persistent use vs. Never use)	All-cause mortality	0.28 (0.11 to 0.72)	education, positive nodes, stage, hormone Receptor status, treatment, pre-diagnosis BMI, other antioxidant use, smoking, non-sedentary physical activity, fruit and vegetable consumption
	epidemiology (LACE; 8.33 years)		Prediagnostic + Postdiagnostic				BC-specific death =212; BC recurrence =380)	Multivitamins supplements (Persistent use vs. Never use)		0.70 (0.44 to 1.11)	
								Fruit and vegetable consumption (Persistent use vs. Never use)	Breast cancer-specific mortality	0.48 (0.11 to 2.03)	
								Multivitamins supplements (Persistent use vs. Never use)	Breast cancer recurrence	0.76 (0.54 to 1.06)	
								Fruit and vegetable consumption		0.58 (0.25 to 1.36)	

Study	Project (follow-up period)	Countries	Diagnostic	Menopausal status	BC stage	Age	Sample size (n)	Exposures	Outcomes	HR/RR (95% CIs)	Covariates
2011 Nechuta S	Shanghai breast cancer survival study (SBCSS; mean 4.1 years)	China	Postdiagnostic	-	Invasive BC	20 to 75 years	4,877 (Total death =444; BC-specific death =389)	Multivitamins supplements (Postdiagnosis use vs. Never postdiagnosis use)	All-cause mortality	0.82 (0.57 to 1.17)	ER/PR status, TNM stage, chemotherapy, radiotherapy,
								Vitamin E supplements (Postdiagnosis use vs. Never postdiagnosis use)		0.71 (0.46 to 1.11)	
								Vitamin C supplements (Postdiagnosis use vs. Never postdiagnosis use)		0.81 (0.61 to 1.07)	Tamoxifen use, education, income, BMI, regular tea consumption, regular exercise participation,
								Antioxidant supplements (Postdiagnosis use vs. Never postdiagnosis use)		0.82 (0.65 to 1.02)	daily cruciferous vegetable intake, daily soy protein intake, other vitamin variables
							4,325 (BC recurrence=532)	Multivitamins supplements (Postdiagnosis use vs. Never postdiagnosis use)	Breast cancer recurrence	0.74 (0.53 to 1.03)	

Study	Project (follow-up period)	Countries	Diagnostic	Menopausal status	BC stage	Age	Sample size (n)	Exposures	Outcomes	HR/RR (95% CIs)	Covariates
								Vitamin E supplements (Postdiagnosis use vs. Never postdiagnosis use)		0.65 (0.43 to 0.97)	
								Vitamin C supplements (Postdiagnosis use vs. Never postdiagnosis use)		0.81 (0.63 to 1.03)	
								Antioxidant supplements (Postdiagnosis use vs. Never postdiagnosis use)		0.78 (0.61 to 0.95)	
								Retinol supplements (Upper limit for each micronutrient vs. Adequate micronutrient intake)		0.90 (0.61 to 1.48)	Age at randomization, tumor stage, tumor grade, time since diagnosis, BMI, smoking, randomization group, hot flashes
2011 Saquib J	Women's healthy eating and living (WHEL; median 9.0 years)	United States	Postdiagnostic	-	I-III A	Mean 53 years	2,939 (Total death =388)	Niacin supplements (Upper limit for each micronutrient vs. Adequate	All-cause mortality	1.02 (0.83 to 1.26)	

								micronutrients intake)			
								Vitamin B6 supplements (Upper limit for each micronutrient vs. Adequate micronutrients intake)	0.90 (0.63 to 1.53)		
								Folate supplements (Upper limit for each micronutrient vs. Adequate micronutrients intake)	1.30 (0.89 to 1.78)		
								Vitamin C supplements (Upper limit for each micronutrient vs. Adequate micronutrients intake)	1.10 (0.79 to 1.60)		
Study	Project (follow-up period)	Countries	Diagnostic	Menopausal status	BC stage	Age	Sample size (n)	Exposures	Outcomes	HR/RR (95% CIs)	Covariates
								Vitamin E supplements (Upper limit for each micronutrient vs. Adequate	1.60 (0.73 to 3.71)		

micronutrients intake)	
Vitamin D supplements (Upper limit for each micronutrient vs. Adequate micronutrients intake)	0.90 (0.13 to 7.11)
Calcium supplements (Upper limit for each micronutrient vs. Adequate micronutrients intake)	1.10 (0.68 to 1.71)
Iron supplements (Upper limit for each micronutrient vs. Adequate micronutrients intake)	1.30 (0.93 to 1.97)
Magnesium supplements (Upper limit for each micronutrient vs. Adequate micronutrients intake)	1.03 (0.69 to 1.53)

Study	Project (follow-up period)	Countries	Diagnostic	Menopausal status	BC stage	Age	Sample size (n)	Exposures	Outcomes	HR/RR (95% CIs)	Covariates
								Selenium supplements		1.50 (0.78 to 2.96)	
								(Upper limit for each micronutrient vs. Adequate micronutrients intake)			
								Zinc supplements		1.00 (0.68 to 1.48)	
								(Upper limit for each micronutrient vs. Adequate micronutrients intake)			
								Multivitamins supplements (Frequent use vs. No use)		0.84 (0.65 to 1.08)	Age at diagnosis, race, education, breast cancer stage at diagnosis,
							2,264 (Total death	Vitamin C supplements (Frequent use vs. No use)		0.78 (0.61 to 1.01)	number positive lymph nodes,
2012 Greenlee H	Life after cancer epidemiology (LACE; mean 8.3 years)	United States	Postdiagnostic	-	I-III A	Mean 58.3 years	=393; BC-specific death =214; BC recurrence =375)	Vitamin E supplements (Frequent use vs. No use)	All-cause mortality	0.75 (0.59 to 0.96)	tumor hormone receptor status, chemotherapy, radiation therapy, BMI, smoking, alcohol consumption, physical activity,
								Carotenoids supplements (Frequent use vs. No use)		1.63 (1.06 to 2.50)	

Study	Project (follow-up period)	Countries	Diagnostic	Menopausal status	BC stage	Age	Sample size (n)	Exposures	Outcomes	HR/RR (95% CIs)	Covariates
								beta-Carotene supplements (Frequent use vs. No use)		1.18 (0.71 to 1.97)	
								Lycopene supplements (Frequent use vs. No use)		1.38 (0.41 to 4.61)	
								Selenium supplements (Frequent use vs. No use)		0.80 (0.45 to 1.41)	
								Zinc supplements (Frequent use vs. No use)		0.75 (0.46 to 1.21)	
								Multivitamins supplements (Frequent use vs. No use)		0.79 (0.56 to 1.12)	
								Vitamin C supplements (Frequent use vs. No use)		0.82 (0.58 to 1.16)	daily servings of fruits and vegetable, comorbidity score
								Vitamin E supplements (Frequent use vs. No use)	Breast cancer-specific mortality	0.85 (0.61 to 1.18)	
								Carotenoids supplements (Frequent use vs. No use)		1.93 (1.14 to 3.28)	

								beta-Carotene supplements (Frequent use vs. No use)		1.33 (0.69 to 2.55)	
								Lycopene supplements (Frequent use vs. No use)		2.09 (0.59 to 7.43)	
								Selenium supplements (Frequent use vs. No use)		0.90 (0.45 to 1.79)	
								Zinc supplements (Frequent use vs. No use)		0.82 (0.44 to 1.53)	
								Multivitamins supplements (Frequent use vs. No use)	Breast cancer recurrence	0.82 (0.63 to 1.06)	
Study	Project (follow-up period)	Countries	Diagnostic	Menopausal status	BC stage	Age	Sample size (n)	Exposures	Outcomes	HR/RR (95% CIs)	Covariates
								Vitamin C supplements (Frequent use vs. No use)		0.71 (0.54 to 0.92)	
								Vitamin E supplements (Frequent use vs. No use)		0.70 (0.54 to 0.90)	
								Carotenoids supplements (Frequent use vs. No use)		1.23 (0.76 to 1.96)	
								beta-Carotene supplements		0.89 (0.50 to 1.60)	

								(Frequent use vs. No use)			
								Lycopene supplements (Frequent use vs. No use)	1.17 (0.35 to 3.89)		
								Selenium supplements (Frequent use vs. No use)	0.89 (0.53 to 1.49)		
								Zinc supplements (Frequent use vs. No use)	0.79 (0.49 to 1.28)		
2012 Harris HR(a)	Swedish mammography cohort (SMC; mean 8.8 years)	Sweden	Prediagnostic	Premenopausal 1+ Postmenopausal	Invasive BC	Mean age 65.5 years	Sample size (n) 3,234 (total death =973; BC-specific mortality =394)	Coffee (>4 cups/day vs. <1 cup/day) Tea (>2 cups/day vs. 0 cup/day)	All-cause mortality	1.12 (0.84 to 1.51)	Age, energy intake, education level, marital status, menopausal status at diagnosis, BMI, alcohol intake,
								Coffee (>4 cups/day vs. <1 cup/day) Tea (>2 cups/day vs. 0 cup/day)	Brest cancer-specific mortality	0.94 (0.72 to 1.23)	
										1.14 (0.71 to 1.83)	
										1.02 (0.67 to 1.55)	
Study	Project (follow-up period)	Countries	Diagnostic	Menopausal status	BC stage	Age	Sample size (n)	Exposures	Outcomes	HR/RR (95% CIs)	Covariates
											calendar year of diagnosis, disease stage, grade, radiation treatment, chemotherapy, hormonal treatment

2012 Harris HR(b)	Swedish mammography cohort (SMC; mean 8.2 years)	Sweden	Prediagnostic	Premenopausal 1+ Postmenopausal	Invasive BC	mean 64.3 years	3,146 (Total death =860; BC-specific death =385)	Alcohol intake (>10 g/day vs. Non-drinker)	All-cause mortality	1.03 (0.71 to 1.51)	Age, energy intake, education level, marital status, menopausal status at diagnosis, BMI, calendar year of diagnosis, disease stage, grade, radiation treatment, chemotherapy and/or hormonal treatment
2012 Harris HR(c)	Swedish mammography cohort	Sweden	Prediagnostic	Premenopausal 1+ Postmenopausal	Invasive BC	Mean 65.1 years	3,116 (Total death =852;	Folate intake (>246 µg/day vs. <190 µg/day)	All-cause mortality	0.78 (0.65 to 0.94)	Age, energy intake, education
Study	Project (follow-up period)	Countries	Diagnostic	Menopausal status	BC stage	Age	Sample size (n)	Exposures	Outcomes	HR/RR (95% CIs)	Covariates
	(SMC; mean 8.3 years)						BC-specific death =381)	Folate intake (>246 µg/day vs. <190 µg/day)	Breast cancer-specific mortality	0.78 (0.58 to 1.03)	level, marital status, menopausal status at diagnosis, BMI, alcohol intake, calendar year of diagnosis, disease stage, grade, radiation treatment, chemotherapy, hormonal treatment

Study	Project (follow-up period)	Countries	Diagnostic	Menopausal status	BC stage	Age	Sample size (n)	Exposures	Outcomes	HR/RR (95% CIs)	Covariates
2012 Nechuta SJ	After breast cancer pooling project (ABCPP; mean 7.4 years)	United States and China	Postdiagnostic	Premenopausal + Postmenopausal	I-III	Mean 54.5 years	9,514 (Total death =1,171; BC-specific death =881; BC recurrence =1,348)	Isoflavone (T3 vs. T1)	All-cause mortality	0.87 (0.70 to 1.10)	Age at diagnosis, ER/PR status, TNM stage, chemotherapy, radiotherapy, hormonal therapy, smoking, BMI, exercise, cruciferous vegetable intake,
								Isoflavone (T3 vs. T1)	Breast cancer-specific mortality	0.83 (0.64 to 1.07)	
								Isoflavone (T3 vs. T1)	Breast cancer recurrence	0.75 (0.61 to 0.92)	
											parity, menopausal status, study, race, education
2012 Vrieling A	Mamma carcinoma risk factor investigation (MARIE; median 5.5 years)	Germany	Prediagnostic	Postmenopausal	I-III A	Mean 62.7 years	=316; BC-specific death =235; BC recurrence =247	Total alcohol intake (>12.0 g/day vs. <0.5 g/day)	All-cause mortality	1.28 (0.90 to 1.81)	Age at diagnosis, study center, tumor size, nodal status, metastases, tumor grade, ERPR status, radiotherapy, HRT use at diagnosis, mode of detection
								Total alcohol intake (>12.0 g/day vs. <0.5 g/day)	Breast cancer-specific mortality	1.74 (1.13 to 2.67)	
								Total alcohol intake (>12.0 g/day vs. <0.5 g/day)	Breast cancer recurrence	1.08 (0.73 to 1.58)	
2013 Conroy SM	Multiethnic cohort (MEC; mean 6.2 years)	United States	Prediagnostic	Postmenopausal	Invasive BC	Mean 68.6 years	3,842 (Total death =804; BC-specific	Soy products (T3 vs. T1)	All-cause mortality	1.03 (0.81 to 1.33)	BMI, age at diagnosis, ethnicity, energy intake, stage, hormone receptor status, treatment,
								Dietary isoflavones (T3 vs. T1)		0.99 (0.82 to 1.20)	
								Soy products		1.03	

Study	Project (follow-up period)	Countries	Diagnostic	Menopausal status	BC stage	Age	Sample size (n)	Exposures	Outcomes	HR/RR (95% CIs)	Covariates
							death =376)	Dietary isoflavones (T3 vs. T1)	Breast cancer-specific mortality	(0.71 to 1.50) 0.95 (0.71 to 1.28)	cardiovascular comorbidity, history of
								Vitamin C (Q4 vs. Q1)	All-cause mortality	0.84 (0.71 to 1.00)	diabetes, smoking status, years between cohort entry and diagnosis Age, energy intake, education level, marital status, menopausal status at diagnosis, BMI, alcohol intake, calendar year of diagnosis, disease stage, grade, radiation treatment, chemotherapy, hormonal treatment
2013 Harris HR	Swedish mammography cohort (SMC; median 7.8 years)	Sweden	Prediagnostic	Premenopausal 1+ Postmenopausal	Invasive BC	Mean 65 years	3,405 (Total death =1,055; BC-specific death =416)	Vitamin C (Q4 vs. Q1)	Breast cancer-specific mortality	0.75 (0.57 to 0.99)	Age, energy intake, education level, marital status, menopausal status at diagnosis, BMI, alcohol intake, calendar year of diagnosis, disease stage, grade, radiation treatment, chemotherapy, hormonal treatment
2013 Holm M	Danish cohort 'diet, cancer and health' (DCH;	Denmark	Prediagnostic	Premenopausal 1+ Postmenopausal	I-III	50 to 64 years	1,052 (BC-specific death =106; BC	Alcohol (>2 units/day vs. <1 unit/day)	Breast cancer-specific mortality	1.10 (0.67 to 1.82)	Tumor size, lymph node status, receptor status
Study	Project (follow-up period)	Countries	Diagnostic	Menopausal status	BC stage	Age	Sample size (n)	Exposures	Outcomes	HR/RR (95% CIs)	Covariates

Study	Project (follow-up period)	Countries	Diagnostic	Menopausal status	BC stage	Age	Sample size (n)	Exposures	Outcomes	HR/RR (95% CIs)	Covariates
	median 6.3 years for mortality and median 6 years for recurrence)							Alcohol (>2 units/day vs. <1 unit/day)	Breast cancer recurrence	1.65 (1.02 to 2.67)	and grade, BMI, smoking, menopausal status, HRT use, education level, physical activity, total folate intake
2013 Inoue-Choi M	Iowa women's health study (IWHS; mean 8.6 years)	United States	Prediagnostic + Postdiagnostic	Postmenopausal	Invasive BC	Mean 78.9 years	938 (Total death =203; BC-specific death =75)	WCRF/AICR recommendation adherence score (Q4 vs. Q1)	All-cause mortality	0.61 (0.39 to 0.96)	Age, total number of comorbid conditions, current smoking, cancer stage, cancer type, cancer treatment, subsequent cancer diagnosis before 2004, current cancer treatment, person-years since cancer diagnosis
								WCRF/AICR recommendation adherence score (Q4 vs. Q1)	Breast cancer-specific mortality	0.88 (0.41 to 1.91)	
2013 Izano MA	Nurses' health study (NHS; median 9.3 years)	United States	Prediagnostic + Postdiagnostic	Premenopausal + Postmenopausal	I-III	Mean 60.4 years	=981; BC-specific death =453; BC	DASH (Q5 vs. Q1) AHEI-2010 (Q5 vs. Q1)	Breast cancer-specific mortality	0.85 (0.61 to 1.19) 1.07 (0.77 to 1.49)	Time since diagnosis, age at diagnosis, energy intake, BMI, BMI change, age at first birth and parity, oral contraceptive

Study	Project (follow-up period)	Countries	Diagnostic	Menopausal status	BC stage	Age	Sample size (n)	Exposures	Outcomes	HR/RR (95% CIs)	Covariates
2013 Kroenke CH	Life after cancer epidemiology (LACE; median 11.8 years)	United States	Prediagnostic + Postdiagnostic	Premenopausal + Postmenopausal	I-III A	Mean 58.6 years	1,893 (Total death =372; BC-specific death =189; BC recurrence)	Total dairy intake (>2.0 servings/day vs. 0-1.0 serving/day)	All-cause mortality	1.39 (1.02 to 1.90)	Age at diagnosis, time between diagnosis and dietary assessment, age, race, education
							=349)	Total dairy intake (>2.0 servings/day vs. 0-1.0 serving/day)	Breast cancer-specific mortality	1.26 (0.81 to 1.95)	, cancer stage at diagnosis, tumor size, human epidermal growth receptor 2 neu status, nodal status, estrogen receptor status, chemotherapy, radiation, tamoxifen, comorbidity, menopausal status, smoking status, BMI,
								Total dairy intake (>2.0 servings/day vs. 0-1.0 serving/day)	Breast cancer recurrence	1.13 (0.83 to 1.54)	

Study	Project (follow-up period)	Countries	Diagnostic	Menopausal status	BC stage	Age	Sample size (n)	Exposures	Outcomes	HR/RR (95% CIs)	Covariates
2013 Kwan ML	After breast cancer	United States	Postdiagnostic	Premenopausal 1+ Postmenopausal	I-III	Mean 58.8 years	9,325 (Total death =1,542)	Alcohol intake (Regular high vs. Non-drinker)	All-cause mortality	0.79 (0.63 to 1.00)	energy intake, alcohol intake, red meat intake, fiber intake, fruit intake Age at diagnosis, AJCC
	pooling project (ABCPP; mean 10.3 years)						9,306 (BC-specific death =911)	Alcohol intake (Regular high vs. Non-drinker)	Breast cancer-specific mortality	0.80 (0.59 to 1.09)	stage, race/ethnicity, education, menopausal status around diagnosis, hormone receptor status, surgery, treatment, smoking, physical activity, pre-diagnosis BMI, comorbidity
							9,151 (BC recurrence =1,487)	Alcohol intake (Regular high vs. Non-drinker)	Breast cancer recurrence	1.04 (0.84 to 1.31)	
2013 Newcomb PA	Collaborative women's longevity study (CWLS; median 11.3 years)	United States	Prediagnostic	Premenopausal 1+ Postmenopausal	-	20 to 79 years	22,890 (Total death =7,780; BC-specific death =19,220)	Alcohol consumption (>10 drinks/week vs. 0 drink/week) Wine consumption (>7 drinks/week vs. 0 drink/week)	All-cause mortality	0.96 (0.88 to 1.05) 0.97 0.85 to 1.09	Age at diagnosis, stage of disease at diagnosis, state of residence at diagnosis, study phase, family history of breast cancer, age at first birth,

Study	Project (follow-up period)	Countries	Diagnostic	Menopausal status	BC stage	Age	Sample size (n)	Exposures	Outcomes	HR/RR (95% CIs)	Covariates
								Beer consumption (>7 drinks/week vs. 0 drink/week)		1.13 (1.01 to 1.26)	menopausal status,
								Spirits consumption (>7 drinks/week vs. 0 drink/week)		1.05 (0.95 to 1.15)	
								Alcohol consumption (>10 drinks/week vs. 0 drink/week)		0.89 (0.77 to 1.04)	
								Wine consumption (>7 drinks/week vs. 0 drink/week)		1.11 (0.93 to 1.34)	
								Beer consumption (>7 drinks/week vs. 0 drink/week)	Breast cancer-specific mortality	0.96 (0.81 to 1.14)	hormone therapy use, BMI, smoking status, education, mammography
								Spirits consumption (>7 drinks/week vs. 0 drink/week)		0.86 (0.73 to 1.02)	
			Postdiagnostic				4,881 (Total death)	Alcohol consumption (>10	All-cause mortality	0.64 (0.47 to 0.88)	

								=1,069; drinks/week vs. 0 drink/week)			
								Wine consumption (>7 drinks/week vs. 0 drink/week)	0.73	(0.51 to 1.05)	
								Beer consumption (>7 drinks/week vs. 0 drink/week)	0.91	(0.53 to 1.57)	
								Spirits consumption (>7 drinks/week vs. 0 drink/week)	0.69	(0.49 to 0.98)	
								Alcohol consumption (>10 drinks/week vs. 0 drink/week)	0.83	(0.45 to 1.54)	
								Wine consumption (>7 drinks/week vs. 0 drink/week)	1.45	(0.77 to 2.73)	
								Beer consumption (>7 drinks/week vs. 0 drink/week)	0.94	(0.37 to 2.39)	
Study	Project (follow-up period)	Countries	Diagnostic	Menopausal status	BC stage	Age	Sample size (n)	Exposures	Outcomes	HR/RR (95% CIs)	Covariates

2013 Poole EM	After breast cancer pooling project (ABCPP; -)	United States and China	Postdiagnostic	-	I-III	Mean 56.8 years	12,019 (Total death =1,298; BC- specific death =849)	Spirits consumption (>7 drinks/week vs. 0 drink/week)	0.83 (0.43 to 1.62)	All-cause mortality	Age at diagnosis, exercise, stage, treatment, BMI, menopausal status, smoking, use of all supplements	
								Multivitamin supplements (Yes vs. No)	0.94 (0.83 to 1.07)			
								Vitamin A supplements (Yes vs. No)	1.06 (0.82 to 1.36)			
								Vitamin B supplements (Yes vs. No)	0.96 (0.81 to 1.15)			
								Vitamin C supplements (Yes vs. No)	0.87 (0.76 to 1.01)			
								Vitamin D supplements (Yes vs. No)	0.95 (0.72 to 1.24)			
								Vitamin E supplements (Yes vs. No)	0.92 (0.79 to 1.07)			
								Antioxidants supplements (Yes vs. No)	0.84 (0.72 to 0.99)			
								Multivitamin supplements (Yes vs. No)	0.95 (0.82 to 1.11)			
								Vitamin A supplements (Yes vs. No)	0.95 (0.68 to 1.34)			Breast cancer-specific mortality
								Vitamin B supplements (Yes vs. No)	0.98 (0.80 to 1.21)			

Study	Project (follow-up period)	Countries	Diagnostic	Menopausal status	BC stage	Age	Sample size (n)	Exposures	Outcomes	HR/RR (95% CIs)	Covariates
								Vitamin C supplements		0.94 (0.79 to 1.12)	
								(Yes vs. No)			
								Vitamin D supplements		0.97 (0.68 to 1.38)	
								(Yes vs. No)			
								Vitamin E supplements		0.89 (0.72 to 1.10)	
								(Yes vs. No)			
								Antioxidants supplements		0.88 (0.74 to 1.03)	
								(Yes vs. No)			
								Multivitamin supplements		0.97 (0.86 to 1.09)	
								(Yes vs. No)			
								Vitamin A supplements		1.16 (0.80 to 1.70)	
								(Yes vs. No)			
								Vitamin B supplements		0.94 (0.79 to 1.11)	
								(Yes vs. No)			
							11,672 (BC recurrence =1,325)	Vitamin C supplements	Breast cancer recurrence	0.98 (0.85 to 1.12)	
								(Yes vs. No)			
								Vitamin D supplements		0.92 (0.62 to 1.35)	
								(Yes vs. No)			
								Vitamin E supplements		0.90 (0.78 to 1.03)	
								(Yes vs. No)			
								Antioxidants supplements		0.94 (0.83 to 1.07)	
								(Yes vs. No)			

Study	Project (follow-up period)	Countries	Diagnostic	Menopausal status	BC stage	Age	Sample size (n)	Exposures	Outcomes	HR/RR (95% CIs)	Covariates
2013 Vrieling A	Mamma carcinoma risk factor investigation (MARIE; median 5.5 years)	Germany	Prediagnostic	Postmenopausal	Invasive BC	50 to 74 years	2,184 (Total death =316; BC-specific death =235; BC	Healthy dietary pattern (Q4 vs. Q1)	All-cause mortality	0.87 (0.61 to 1.23)	Age at diagnosis, study center, tumor size, nodal status, metastas
								Unhealthy dietary pattern (Q4 vs. Q1)		1.34 (0.93 to 1.94)	
								Healthy dietary pattern (Q4 vs. Q1)	Breast cancer-specific mortality	0.89 (0.59 to 1.35)	es, tumour grade, ERPR status, radiotherapy, HRT use at diagnosis, mode of detection, total energy intake
							recurrence=247)	Unhealthy dietary pattern (Q4 vs. Q1)		0.99 (0.64 to 1.52)	
								Healthy dietary pattern (Q4 vs. Q1)	Breast cancer recurrence	0.71 (0.46 to 1.06)	
								Unhealthy dietary pattern (Q4 vs. Q1)		0.91 (0.61 to 1.36)	
2014 Geroge SM	Women's health initiative (WHI-observational studies; median 9.6 years)	United States	Prediagnostic + Postdiagnostic	Postmenopausal	Invasive BC	Mean 63.6 years	2,317 (Total death =415; BC-specific death =188)	HEI-2005 (Q4 vs. Q1)	All-cause mortality	0.74 (0.55 to 0.99)	Age, WHI component, ethnicity, income, education, stage, ER status, PR status, time since diagnosis, energy intake in kcals, physical activity, serving of alcohol per week, use of
								HEI-2005 (Q4 vs. Q1)	Breast cancer-specific mortality	0.91 (0.60 to 1.40)	

Study	Project (follow-up period)	Countries	Diagnostic	Menopausal status	BC stage	Age	Sample size (n)	Exposures	Outcomes	HR/RR (95% CIs)	Covariates
2015 Bao PP	Shanghai breast cancer survival study (SBCSS; median 9.1 years)	China	Postdiagnostic	Premenopausal 1+ Postmenopausal	Triple-negative BC	Mean 53.4 years	=128; BC-specific death =235; BC recurrence=247)	Tea consumption (first 6 months post-diagnosis; Yes vs. No)	All-cause mortality	0.58 (0.29 to 1.16)	Age at diagnosis, education, marital status, Chalson comorbidity index, menopausal status, BMI at baseline, exercise participation at baseline, soy protein intake, chemotherapy, radiotherapy, TNM stage
								Tea consumption (first 18 months post-diagnosis; Yes vs. No)	All-cause mortality	0.76 (0.47 to 1.21)	
								Tea consumption (first 36 months post-diagnosis; Yes vs. No)	All-cause mortality	0.47 (0.29 to 0.79)	
								Tea consumption (first 60 months post-diagnosis; Yes vs. No)	All-cause mortality	0.57 (0.34 to 0.93)	
								Tea consumption (first 6 months post-diagnosis; Yes vs. No)	Breast cancer-specific mortality or recurrence	0.60 (0.29 to 1.27)	
								Tea consumption (first 18 months post-diagnosis; Yes vs. No)	Breast cancer-specific mortality or recurrence	0.58 (0.33 to 1.02)	

Study	Project (follow-up period)	Countries	Diagnostic	Menopausal status	BC stage	Age	Sample size (n)	Exposures	Outcomes	HR/RR (95% CIs)	Covariates
2015 Jeffrey M	UK Clinical practice research datalink (CPRD; median 2.5 years)	UK	Prediagnostic	Postmenopausal	-	-	11,112 (Total death =2,103)	Tea consumption (first 36 months post-diagnosis; Yes vs. No)	All-cause mortality	0.46 (0.26 to 0.83)	Age, period, smoking, alcohol, BMI, area-level deprivation
								Tea consumption (first 60 months post-diagnosis; Yes vs. No)		0.54 (0.31 to 0.96)	
								Vitamin D supplements (Any prescription vs. None)		0.78 (0.70 to 0.88)	
2015 Kyro C	European prospective investigation into cancer and nutrition (EPIC; median 6.3 years)	Europe	Prediagnostic	Premenopausal	In situ and metastatic BC	Median=59 years	2,804 (Total death =186)	Flavonoids	All-cause mortality	0.94 (0.80 to 1.10)	Age, country, alcohol, BMI, HRT use, schooling, smoking, physical activity, intake of other polyphenol classes, ER receptor status, cancer stage, grading of tumor
								Phenolic acids		1.04 (0.90 to 1.20)	
								Stilbenes		0.99 (0.92 to 1.06)	
								Lignans		1.26 (1.05 to 1.51)	
								Flavonoids	Breast cancer-specific mortality	1.02 (0.83 to 1.26)	
								Phenolic acids		1.00 (0.83 to 1.21)	
								Stilbenes		0.99 (0.91 to 1.08)	
								Lignans		1.24 (0.98 to 1.58)	
								Flavonoids	All-cause mortality	1.02	

Study	Project (follow-up period)	Countries	Diagnostic	Menopausal status	BC stage	Age	Sample size (n)	Exposures	Outcomes	HR/RR (95% CIs)	Covariates
								Red and processed meat intake (Q3 vs. Q1)	Breast cancer-specific mortality	0.88 (0.73 to 1.06)	and/or herceptin use, BMI, smoking, physical activity, energy intake
								ACS guidelines diet score (3-5 vs. 0-2)		1.00 (0.78 to 1.29)	
								ACS guidelines diet score (6-9 vs. 0-2)		1.06 (0.79 to 1.42)	
								Fruit and vegetable intake (Q3 vs. Q1)		1.00 (0.66 to 1.50)	
								Total grain intake (Q3 vs. Q1)		1.07 (0.79 to 1.46)	
								Red and processed meat intake (Q3 vs. Q1)		1.10 (0.80 to 1.52)	
								ACS guidelines diet score (3-5 vs. 0-2)		1.00 (0.81 to 1.23)	
							2,152 (Total death =640; BC-specific death =192)	ACS guidelines diet score (6-9 vs. 0-2)	All-cause mortality	0.93 (0.73 to 1.18)	
			Postdiagnostic					Fruit and vegetable intake (Q3 vs. Q1)		1.03 (0.80 to 1.33)	
								Total grain intake (Q3 vs. Q1)		1.09 (0.86 to 1.38)	

								Red and processed meat intake (Q3 vs. Q1)	0.64 (0.49 to 0.84)		
								ACS guidelines diet score (3-5 vs. 0-2)	1.45 (0.95 to 2.20)		
								ACS guidelines diet score (6-9 vs. 0-2)	1.44 (0.90 to 2.30)		
								Fruit and vegetable intake (Q3 vs. Q1)	1.31 (0.83 to 2.06)	Breast cancer-specific mortality	
								Total grain intake (Q3 vs. Q1)	1.24 (0.81 to 1.88)		
								Red and processed meat intake (Q3 vs. Q1)	0.88 (0.54 to 1.43)		
								Natural products supplements	0.95 (0.67 to 1.35)	All-cause mortality	
2016	Health, eating activity and lifestyle study (HEAL; median 4.5 years)	United States	Postdiagnostic	-	I-III A	Mean 57.9 years	707 (Total death =149; BC-specific death =70)	Natural products supplements	1.15 (0.69 to 1.94)	Breast cancer-specific mortality	Race/ethnicity, BMI, stage of disease, breast cancer treatment, tamoxifen use, Charlson comorbidity score, weekly MET-hours of sport, recreational physical activity

Study	Project (follow-up period)	Countries	Diagnostic	Menopausal status	BC stage	Age	Sample size (n)	Exposures	Outcomes	HR/RR (95% CIs)	Covariates
2016 Tao MH	Western New York exposure and breast cancer (WEB; mean 7.3 years)	United States	Prediagnostic	Premenopausal + Postmenopausal	I-IV	Mean 58.4 years	1,170 (Total death specific =170; BC =100)	Dietary calcium intake (>858.13 g/day vs. <558.27 g/day)	All-cause mortality	0.84 (0.49 to 1.45)	age at diagnosis, race, education, BMI, physical activity, menopausal status, TNM, radiotherapy, tamoxifen therapy, ER status, intakes of total energy and total vitamin D, calcium and magnesium intakes
								Dietary magnesium intake (>268.15 g/day vs. <193.64 g/day)		0.50 (0.28 to 0.90)	
								Dietary calcium intake (>858.13 g/day vs. <558.27 g/day)	Breast cancer-specific mortality	1.31 (0.63 to 2.76)	
2017 Holmes MD	Nurses' health study (NHS; 1976-2004 through 2010)	United States	Prediagnostic	Premenopausal + Postmenopausal	I-III	30 to 55 years	6,348 (Total death =1,847; BC-specific =919; BC recurrence =1,046)	Total protein (Q5 vs. Q1)	Breast cancer recurrence	0.84 (0.69 to 1.03)	age at diagnosis, time since diagnosis, energy intake, BMI, weight change, age at first birth and parity, oral contraceptive use,
								Animal protein (Q5 vs. Q1)		0.74 (0.61 to 0.91)	
								Vegetable protein (Q5 vs. Q1)		1.29 (1.05 to 1.59)	
								Essential amino acids (Q5 vs. Q1)		0.86 (0.71 to 1.05)	
								Branched-chain amino acids (Q5 vs. Q1)		0.82 (0.68 to 1.00)	
Study	Project (follow-up period)	Countries	Diagnostic	Menopausal status	BC stage	Age	Sample size (n)	Exposures	Outcomes	HR/RR (95% CIs)	Covariates

Study	Project (follow-up period)	Countries	Diagnostic	Menopausal status	BC stage	Age	Sample size (n)	Exposures	Outcomes	HR/RR (95% CIs)	Covariates	
2017 Zeinomar N	The breast cancer family registry (BCFR; mean 9.1 years)	United States	Prediagnostic	Premenopausal 1+ Postmenopausal	Invasive BC	Mean 54.6 years	1,116 (Total =211; BC-specific death =58)	Red meat (Q5 vs. Q1)	1.03 (0.83 to 1.29)	All-cause mortality	1.16 (0.85 to 1.58)	menopausal status and hormone therapy use, aspirin use, alcohol, smoking, physical activity, tumor stage, radiation treatment, other treatment, calendar year
								Poultry (Q5 vs. Q1)	0.85 (0.69 to 1.05)			Alcohol (>3 drinks/week vs. Non-drinkers)
								Fish (Q5 vs. Q1)	0.93 (0.76 to 1.15)			age at baseline, BMI, ethnicity, physical activity, age at first live birth,
								High-fat dairy (Q5 vs. Q1)	1.09 (0.88 to 1.35)			
								Low-fat dairy (Q5 vs. Q1)	0.84 (0.69 to 1.04)			
								Alcohol (>3 drinks/week vs. Non-drinkers)		Breast cancer-specific mortality	0.96 (0.49 to 1.89)	

			Prediagnostic + Postdiagnostic				6,235 (Total death =1,224)	Isoflavone (Q4 vs. Q1)		0.79 (0.64 to 0.97)	age, study site, total calorie intake, race,
2017 Zhang FF	The breast cancer family registry (BCFR; median 9.4 years)	United States and Canada	Prediagnostic	Premenopausal 1+ Postmenopausal	Invasive BC	Mean 51.8 years	4,769 (Total death =963)	Isoflavone (Q4 vs. Q1)	All-cause mortality	0.84 (0.66 to 1.06)	education, total fiber intake, HEI-2010, treatment type, recreational physical activity,
			Postdiagnostic				1,466 (Total death =261)	Isoflavone (Q4 vs. Q1)		0.65 (0.41 to 1.00)	BMI, alcohol use, smoking status
2017 Zucchetto A	Italian women cohort (median 12.6 years)	Italy	Prediagnostic	Premenopausal 1+ Postmenopausal	I-IV	-	1,453 (Total death =503; BC-specific)	DII (T3 vs. T1)	All-cause mortality	1.00 (0.78 to 1.28)	Area of residence, calendar year of diagnosis, age at
Study	Project (follow-up period)	Countries	Diagnostic	Menopausal status	BC stage	Age	Sample size (n)	Exposures	Outcomes	HR/RR (95% CIs)	Covariates
							death =398)	DII (T3 vs. T1)	Breast cancer-specific mortality	0.97 (0.73 to 1.27)	
				Premenopausal			553 (Total death =152; BC-specific death =137)	DII (T3 vs. T1)	All-cause mortality	0.84 (0.52 to 1.34)	diagnosis, education, menopausal status, smoking habit, BMI, total energy intake,
							900 (Total death =351; BC-specific death =261)	DII (T3 vs. T1)	All-cause mortality	1.05 (0.78 to 1.40)	hormone receptor status, TNM tumour stage
			Postmenopausal					DII (T3 vs. T1)	Breast cancer-specific mortality	1.07 (0.77 to 1.51)	

Study	Project (follow-up period)	Countries	Diagnostic	Menopausal status	BC stage	Age	Sample size (n)	Exposures	Outcomes	HR/RR (95% CIs)	Covariates
2018 Furrer D	The Centre des Maladies du Sein Deschenes-Fabia (CMSDF; median 7.4 years)	Canada	Prediagnostic	-	Nonmetastatic HER2-positive BC	-	236 (BC recurrence=66)	Wine consumption (>2 drinks/week vs. 0-2 drinks/week) Beer consumption (>2 drinks/week vs. 0-2 drinks/week)	Disease-free survival	0.42 (0.18 to 0.95) 1.60 (0.47 to 5.47)	age at diagnosis, BMI, stage, adjuvant endocrine therapy, and radiotherapy
2018 Madden JM	The National cancer registry Ireland (NCRI; mean 2.3 years)	Ireland	Postdiagnostic	-	I-III	Mean 67 years	5,417 (BC-specific death =806)	Vitamin D supplements (User vs. Non-user)	Breast cancer-specific mortality	0.80 (0.64 to 0.99)	age at diagnosis, smoking status, comorbidity score, tumour stage, tumour
2019 Minami Y	Miyagi cancer center hospital (MCCH; median 8.6 years)	Japan	Prediagnostic	Premenopausal + Postmenopausal	I-IV	Mean 57.2 years	1,420 (Total death =261; BC-specific)	Alcohol drinking (Current vs. Never) Alcohol drinking	All-cause mortality Breast cancer-specific mortality	0.76 (0.53 to 1.08) 0.70 (0.47 to 1.04)	grade, ER, PR and HER 2-receptor status, bisphosphonate in year prior and post diagnosis, chemotherapy, anti-oestrogen therapy, NSAID, statins, anti-diabetic medication use age, year of diagnosis, stage, hormone receptor, menopausal status, referral

Study	Project (follow-up period)	Countries	Diagnostic	Menopausal status	BC stage	Age	Sample size (n)	Exposures	Outcomes	HR/RR (95% CIs)	Covariates
											status, radiation therapy, chemotherapy, endocrine therapy, family history of breast cancer in patients
											or siblings, smoking, BMI, physical activity, comorbidities, occupation, age at menarche, parity history, menopausal status, and intake of folate and energy
								Total whole grain products (50 g/day)		1.02 (0.95 to 1.11)	
							1,965	Rye bread (50 g/day)		1.10 (0.98 to 1.25)	age at diagnosis, year at diagnosis, time of follow-up since diagnosis,
							death =460; BC-specific death =301; BC recurrence =309)	Whole grain bread (40 g/day)		1.02 (0.93 to 1.11)	alcohol, smoking,
2020 Anderson JLM	The Danish diet, cancer and health cohort (DCH; median 7 years)	Denmark	Prediagnostic	Postmenopausal	-	Mean 66 years		Oatmeal/muesli (50 g/day)	All-cause mortality	0.80 (0.61 to 1.05)	physical activity, BMI, educational level, tumor size, nodal status, ER status
								Total dairy products (200 g/day)		1.02 (0.96 to 1.08)	
								Milk (200 g/day)		1.03 (0.96 to 1.10)	
								Yogurt		0.90	

Study	Project (follow-up period)	Countries	Diagnostic	Menopausal status	BC stage	Age	Sample size (n)	Exposures	Outcomes	HR/RR (95% CIs)	Covariates
								(200 g/day)		(0.75 to 1.07)	
								Cheese		1.16	
								(50 g/day)		(0.97 to 1.39)	
								Total whole grain products (50 g/day)	Breast cancer-specific mortality	1.06 (0.97 to 1.17)	
								Rye bread (50 g/day)		1.11 (0.96 to 1.29)	
								Whole grain bread (40 g/day)		1.04 (0.94 to 1.15)	
								Oatmeal/muesli (50 g/day)		0.99 (0.73 to 1.35)	
								Total dairy products (200 g/day)		0.98 (0.91 to 1.06)	
								Milk (200 g/day)		0.99 (0.91 to 1.08)	
								Yogurt (200 g/day)		0.86 (0.69 to 1.08)	
								Cheese (50 g/day)		1.18 (0.94 to 1.47)	
								Total whole grain products (50 g/day)		1.03 (0.94 to 1.13)	
								Rye bread (50 g/day)		1.04 (0.89 to 1.20)	
								Whole grain bread (40 g/day)	Breast cancer recurrence	1.04 (0.94 to 1.15)	
								Oatmeal/muesli (50 g/day)		0.90 (0.66 to 1.22)	
								Total dairy products (200 g/day)		0.98 (0.91 to 1.06)	

Study	Project (follow-up period)	Countries	Diagnostic	Menopausal status	BC stage	Age	Sample size (n)	Exposures	Outcomes	HR/RR (95% CIs)	Covariates
								Milk (200 g/day)		0.96 (0.89 to 1.05)	
								Yogurt (200 g/day)		1.02 (0.83 to 1.27)	
								Cheese (50 g/day)		1.17 (0.94 to 1.45)	
			Postdiagnostic				977 (Total death - 175; BC-specific death)	Total whole grain products (50 g/day)	All-cause mortality	0.99 (0.88 to 1.12)	
								Rye bread (50 g/day)		1.21 (0.98 to 1.47)	
								Whole grain bread (40 g/day)		0.95 (0.81 to 1.10)	
								Oatmeal/muesli (50 g/day)		0.75 (0.53 to 1.07)	
								Total dairy products (200 g/day)		0.99 (0.90 to 1.09)	
							=121; BC recurrent =152)	Milk (200 g/day)		1.00 (0.90 to 1.12)	
								Yogurt (200 g/day)		0.93 (0.74 to 1.16)	
								Cheese (50 g/day)		1.09 (0.70 to 1.47)	
								Total whole grain products (50 g/day)	Breast cancer-specific mortality	1.05 (0.92 to 1.21)	
								Rye bread (50 g/day)		1.34 (1.06 to 1.70)	

								Whole grain bread (40 g/day)		0.97 (0.81 to 1.15)	
								Oatmeal/muesli (50 g/day)		0.82 (0.55 to 1.22)	
								Total dairy products (200 g/day)		0.99 (0.87 to 1.12)	
								Milk (200 g/day)		1.02 (0.89 to 1.17)	
								Yogurt (200 g/day)		0.84 (0.60 to 1.18)	
								Cheese (50 g/day)		0.95 (0.66 to 1.37)	
								Total whole grain products (50 g/day)	Breast cancer recurrence	0.98 (0.83 to 1.15)	
								Rye bread (50 g/day)		1.27 (0.97 to 1.66)	
Study	Project (follow-up period)	Countries	Diagnostic	Menopausal status	BC stage	Age	Sample size (n)	Exposures	Outcomes	HR/RR (95% CIs)	Covariates
								Whole grain bread (40 g/day)		0.83 (0.66 to 1.04)	
								Oatmeal/muesli (50 g/day)		0.93 (0.62 to 1.40)	
								Total dairy products (200 g/day)		0.93 (0.80 to 1.07)	
								Milk (200 g/day)		0.92 (0.78 to 1.08)	
								Yogurt (200 g/day)		0.92 (0.67 to 1.25)	
								Cheese (50 g/day)		1.23 (0.85 to 1.78)	

Study	Project (follow-up period)	Countries	Diagnostic	Menopausal status	BC stage	Age	Sample size (n)	Exposures	Outcomes	HR/RR (95% CIs)	Covariates
2020 Madden JM	National cancer registry Ireland (NCRI; median 4.2 years)	Ireland	Postdiagnostic	-	I-III	Mean 67 years	2,570 (Total death =386)	Vitamin D supplements (User vs. Non-user)	All-cause mortality	0.84 (0.73 to 0.99)	Age, smoking status, comorbidity score, tumor stage and grade, estrogen receptor, progesterone receptor, HER2 status, use of nonsteroidal antiinflammatory drugs, statins, antidiabetic medication during the year before
2020 Wang F	Shanghai breast cancer survival study (SBCSS; median 5.3 years)	China	Postdiagnostic	Premenopausal + Postmenopausal	I-IV	Mean 58.9 years	3,450 (Total death =374; BC-	CHFP-2007 (Q4 vs. Q1) CHFP-2016 (Q4 vs. Q1)	All-cause mortality	0.66 (0.48 to 0.89) 0.75 (0.55 to 1.01)	Age, total energy intake, income, education, marriage,

Study	Project (follow-up period)	Countries	Diagnostic	Menopausal status	BC stage	Age	Sample size (n)	Exposures	Outcomes	HR/RR (95% CIs)	Covariates
								DASH (Q4 vs. Q1)	specific death =228)	0.66 (0.49 to 0.91)	menopausal status at diagnosis, BMI, physical activity, ER, PR, HER2, TNM stages, comorbidity,
								HEI-2015 (Q4 vs. Q1)		0.79 (0.57 to 1.10)	
								CHFP-2007 (Q4 vs. Q1)		0.64 (0.44 to 0.93)	
								CHFP-2016 (Q4 vs. Q1)	Breast cancer-specific mortality	0.67 (0.45 to 0.99)	
								DASH (Q4 vs. Q1)		0.60 (0.40 to 0.90)	
								HEI-2015 (Q4 vs. Q1)		0.89 (0.59 to 1.33)	
2020 Wang K	The prostate, lung, colorectal, and ovarian cancer screening (PLCO; median 14.6 years)	United States	Postdiagnostic	Postmenopausal	I-III A	Mean 65 years	1,064 (Total death =296; BC-specific death =100)	E-DII (T3 vs. T1)	All-cause mortality	1.34 (1.01 to 1.81)	chemotherapy, radiotherapy, immunotherapy
								E-DII (T3 vs. T1)	Breast cancer-specific mortality	1.47 (0.89 to 2.43)	Age at diagnosis, years from breast cancer diagnosis to DHQ completion, stage, adjusted for total energy intake, BMI, trial arm, race, marital status, income, educational level, smoking status, HRT, history of diabetes, physical activity, estrogen receptor status, progesterone receptor status

				not present at start						
1991 Ewertz M	1	1	0	1	1	1	1	1	1	8
1993 Rohan TE	1	1	1	1	1	1	1	1	0	8
1994 Jain M	1	1	1	1	1	1	1	1	1	9
1998 Hebert JR	1	1	0	1	1	1	1	1	1	8
1999 Holmes MD	0	1	0	1	1	1	1	1	1	7
2003 Fleischauer AT	1	1	0	1	1	1	1	1	1	8
2004 Borugain MJ	1	1	0	1	1	1	1	1	1	8
2005 Boyapati SM	1	1	1	1	1	1	1	1	0	8
2005 Kroenke CH	0	1	0	1	1	1	1	1	0	6
2006 Cui Y	1	1	1	1	1	1	1	0	0	7
2006 McEligot AJ	1	1	0	1	1	1	1	1	1	8
2006 Fink BN	1	1	1	1	1	1	1	1	1	9
2007 Fink BN	1	1	1	1	1	1	1	1	1	9
2008 Xu X	1	1	1	1	1	1	1	1	0	8
2009 Guha N	1	1	0	1	1	1	1	1	1	8
2009 Kwan ML	1	1	0	1	1	1	1	1	0	7
2009 Shu XO	1	1	1	1	1	1	1	0	1	8
2010 Hellmann SS	1	1	1	1	1	1	1	1	1	9
2010 Kang X	1	1	1	1	1	1	1	1	0	8
2010 Kwan ML	1	1	0	1	1	1	1	1	0	7
2011 Beasley JM	1	1	0	1	1	1	1	1	0	7
2011 Belle FN	1	1	1	1	1	1	1	1	1	9
2011 Caan BJ	1	1	0	1	1	1	1	1	0	7
2011 George SM	1	1	0	1	0	1	1	1	1	7
2011 Kim EHJ	0	1	0	1	1	1	1	1	1	7
2011 Kwan ML	1	1	0	1	1	1	1	1	1	8
2011 Nechuta S	1	1	1	1	1	1	1	0	0	7
2011 Saquib J	1	1	0	1	1	1	1	1	0	7
2012 Greenlee H	1	1	0	1	1	1	1	1	0	7
2012 Harris HR(a)	1	1	0	1	1	1	1	1	0	7
2012 Harris HR(b)	1	1	0	1	1	1	1	1	0	7
2012 Harris HR(c)	1	1	0	1	1	1	1	1	0	7

2012 Nechuta SJ	1	1	0	1	1	1	1	1	1	1	8
2012 Vrieling A	1	1	0	1	1	1	1	1	1	1	8
2013 Conroy SM	1	1	0	1	1	1	1	1	1	1	8
2013 Holm M	1	1	0	1	0	1	1	1	1	1	7
	Selection			Comparability			Outcomes			T	
	Representative	Selection of the	Ascertainment	Outcome of		Additional	Assessment of	Follow-up	Adequacy of	o	
Study	ness of the	nonexposed	of exposure	interest was	Age or gender	factors	outcome	length	follow-up of	t	
	exposed cohort	cohort		not present at					cohorts	a	
2013 Inoue-Choi M	1	1	0	start						l	
2013 Izano MA	0	1	0								
2013 Kroenke CH	1	1	0								
2013 Kwan ML	1	1	0								
2013 Newcomb PA	1	1	1								
2013 Poole EM	1	1	0					0	1	7	
2013 Vrieling A	1	1	1					1	1	9	
2014 George SM	1	1	1					1	1	9	
2015 Bao PP	1	1	1					1	0	8	
2015 Jeffreys M	0	1	1					0	0	6	
2015 Kyro C	1	1	0					1	0	7	
2016 McCullough ML	1	1	0					1	0	7	
2016 Neuhouser ML	1	1	1		0	1	1	0	1	7	
2016 Tao MH	1	1	1		1	1	1	1	0	8	
2017 Holmes MD	0	1	0		1	1	1	1	1	7	
2017 Zeinomar N	0	1	1		1	1	1	1	1	8	
2017 Zhang FF	0	1	0		1	1	1	1	0	6	
2017 Zucchetto A	0	1	1		1	1	0	1	0	6	
2018 Furrer D	1	1	0		1	1	1	1	1	8	
2018 Madden JM	1	1	1		1	1	1	0	0	7	
2019 Minami Y	1	1	0		1	1	1	1	1	8	
2020 Anderson JLM	1	1	0		1	1	1	1	1	8	
2020 Madden JM	1	1	1		1	1	1	0	0	7	
2020 Wang F	1	1	1		1	1	1	1	1	9	
2020 Wang K	1	1	0		1	1	1	1	1	8	

