

Supplementary Table 1: Hazard ratios and 95% confidence intervals for BC according to dietary B group vitamin intake in the BLEND study, excluding cases who received their diagnosis within 5 years after enrolment

		Overall (n=532,231)			
		Low	Moderate	High	P
Thiamin (B1)					
Overall	1		1.11 (1.00-1.23)	1.03 (0.93-1.15)	<0.001
Riboflavin (B2)					
Overall	1		1.07 (0.97-1.19)	0.96 (0.87-1.07)	<0.001
Niacin (B3)					
Overall	1		1.04 (0.94-1.15)	0.97 (0.87-1.07)	<0.001
Pyridoxine (B6)					
Overall	1		1.02 (0.92-1.13)	0.96 (0.87-1.07)	<0.001
Folate (B9)					
Overall	1		1.06 (0.96-1.18)	0.97 (0.87-1.08)	<0.001
Cyanocobalamin (B12)					
Overall	1		0.97 (0.88-1.07)	0.93 (0.83-1.04)	<0.001
Energy metabolism (B1*B2*B3)					
Overall	1		1.08 (0.98-1.20)	1.00 (0.90-1.11)	<0.001
Oxidative stress reduction (B2*B6)					
Overall	1		1.04 (0.94-1.16)	0.96 (0.87-1.06)	<0.001
DNA stability (B9*B12)					
Overall	1		1.01 (0.92-1.12)	0.93 (0.84-1.04)	<0.001
Vitamin B complex (B1*B2*B3*B6*B9*B12)					
Overall	1		1.10 (0.99-1.21)	0.95 (0.85-1.06)	<0.001

Beverages		23.34 (<0.001)	23.34 (<0.001)	23.34 (<0.001)	23.34 (<0.001)	23.78 (<0.001)	n.a.
Male	0.33 (3.70)		0.48 (5.34)	1.66 (18.48)	0.77 (8.62)	37.65 (415.01)	
Female	0.15 (1.49)		0.22 (2.16)	0.76 (0.74)	0.36 (3.48)	17.07 (166.53)	

Supplementary Table 2: Sensitivity analysis