

Supplement 1. Daily nutrient intake of control participants and patients with breast cancer assessed using the 24-hour recall method before propensity score matching

Variable	Control participants (n=2,363)	Breast cancer patients (n=157)	P-value
Energy (kcal)	1,694.54±707.8	1,551.60±484.37	0.001
Carbohydrate (g)	267.28±110.5	213.08±74.22	<0.001
% of energy intake	65.62±11.69	55.75±11.63	<0.001
Protein (g)	59.38±31.3	67.06±26.91	0.003
% of energy intake	14.28±4.27	17.36±4.63	<0.001
Fat (g)	38.77±28.94	47.34±24.87	<0.001
% of energy intake	20.10±9.81	26.89±10.25	<0.001
SFA (g)	11.16±9.15	9.45±8.04	0.012
% of energy intake	5.67±3.42	5.49±4.87	0.545
MUFA (g)	12.36±10.54	12.82±10.47	0.602
% of energy intake	6.19±3.69	7.48±6.51	0.016
PUFA (g)	9.54±8.06	12.45±8.86	<0.001
% of energy intake	4.85±2.95	7.20±4.62	<0.001
PUFA/SFA	1.34±0.88	1.68±0.96	0.003
PUFA+MUFA/SFA	2.43±1.10	3.14±1.29	<0.001
Omega-3 fatty acid (g)	1.45±1.59	1.00±1.51	0.001
% of energy intake	0.75±0.74	0.55±0.76	0.001
Omega-6 fatty acid (g)	8.11±7.07	4.56±5.97	<0.001
% of energy intake	4.11±7.07	2.63±3.23	<0.001
Omega-6/omega-3	7.75±5.92	9.62±11.42	0.046
Cholesterol (mg)	229.44±231.27	258.95±210.10	0.125
Dietary fiber (g)	21.35±12.38	23.67±11.21	0.024
Sodium (mg)	3,126.36±2,111.95	3,296.77±1,567.01	0.328
Potassium (mg)	2,718.04±1,449.02	2,706.58±1,094.76	0.902

Values are presented as mean±standard error. P-values were calculated using an independent t-test for continuous variables or chi-square test for categorical variables. SFA, saturated fatty acid; MUFA, monounsaturated fatty acid; PUFA, polyunsaturated fatty acid.