

supplemental table 1

Nutrition	Nutrition_label	Hazard_Ratio_CI	p_val	ad_pval
sfa180	SFA 18:0 (stearic acid)	1.23 [1.10, 1.37]	< 0.001	0.036
tfa181t	TRANS 18:1 (trans-octadecenoic acid [elaidic acid])	1.21 [1.08, 1.35]	< 0.001	0.0387
totaltfa	Total Trans-Fatty Acids (TRANS)	1.21 [1.08, 1.35]	< 0.001	0.0387
tfa161t	TRANS 16:1 (trans-hexadecenoic acid)	1.20 [1.07, 1.34]	0.0012	0.0393
sfatot	Total Saturated Fatty Acids (SFA)	1.19 [1.07, 1.32]	0.0018	0.0473
sfa160	SFA 16:0 (palmitic acid)	1.17 [1.05, 1.30]	0.0049	0.1092
sfa170	SFA 17:0 (margaric acid)	1.16 [1.04, 1.29]	0.0061	0.1153
gammtoco	Gamma-Tocopherol	1.15 [1.04, 1.28]	0.0082	0.1356
tfa182t	TRANS 18:2 (trans-octadecadienoic acid [linolelaidic acid]; incl. c-t, t-c, t-t)	1.15 [1.03, 1.28]	0.0111	0.1458
sfa60	SFA 6:0 (caproic acid)	1.14 [1.03, 1.27]	0.0121	0.1458
mfa181	MUFA 18:1 (oleic acid)	1.15 [1.03, 1.27]	0.0131	0.1458
sfa100	SFA 10:0 (capric acid)	1.14 [1.03, 1.27]	0.0142	0.1458
sfa140	SFA 14:0 (myristic acid)	1.14 [1.03, 1.27]	0.0143	0.1458
mfatot	Total Monounsaturated Fatty Acids (MUFA)	1.14 [1.03, 1.27]	0.0159	0.1511
cholest	Cholesterol	1.13 [1.02, 1.26]	0.0227	0.1906
sfa120	SFA 12:0 (lauric acid)	1.13 [1.02, 1.26]	0.0229	0.1906

sfa80	SFA 8:0 (caprylic acid)	1.13 [1.01, 1.25]	0.0269	0.2105
sfa40	SFA 4:0 (butyric acid)	1.12 [1.00, 1.24]	0.0418	0.3085
methhis3	3-Methylhistidine	1.12 [1.00, 1.24]	0.0458	0.3112
fat	Total Fat	1.11 [1.00, 1.24]	0.0487	0.3112
mfa161	MUFA 16:1 (palmitoleic acid)	1.12 [1.00, 1.25]	0.0491	0.3112
alanine	Alanine	1.11 [1.00, 1.23]	0.0545	0.3297
mfa141	MUFA 14:1 (myristoleic acid)	1.11 [1.00, 1.23]	0.0576	0.3333
delttoco	Delta-Tocopherol	1.10 [0.99, 1.23]	0.0667	0.3632
potass	Potassium	0.91 [0.81, 1.01]	0.0683	0.3632
magnes	Magnesium	0.91 [0.81, 1.01]	0.0715	0.366
carbo	Total Carbohydrate	0.91 [0.81, 1.01]	0.0751	0.3697
veg5day	Daily Vegetable Consump (5-A-Day Method)	0.91 [0.82, 1.02]	0.0991	0.4706
pfa204	PUFA 20:4 (arachidonic acid)	1.09 [0.98, 1.21]	0.1104	0.5065
frtsumm	Daily Fruit Consump (Summation Method)	0.92 [0.82, 1.02]	0.1144	0.507
recno	Record Num	0.92 [0.83, 1.02]	0.1182	0.507
pectins	Pectins	0.92 [0.83, 1.02]	0.1251	0.5199
phosphor	Phosphorus	0.93 [0.84, 1.02]	0.1305	0.5261
fiber	Total Dietary Fiber	0.93 [0.83, 1.03]	0.1619	0.6231
sucpoly	Sucrose polyester	0.88 [0.73, 1.06]	0.1721	0.6231
glycine	Glycine	1.08 [0.97, 1.20]	0.1758	0.6231
fibh2o	Soluble Dietary Fiber	0.93 [0.84, 1.03]	0.1804	0.6231
pfa226	PUFA 22:6 (docosahexaenoic acid [DHA])	0.93 [0.84, 1.03]	0.1873	0.6231
lutzeax	Lutein + Zeaxanthin	0.93 [0.84, 1.04]	0.1896	0.6231
vegsumm	Daily Vegetable Consump (Summation Meth)	0.93 [0.83, 1.04]	0.1927	0.6231

frt5day	Daily Fruit Consump (5-A-Day Method)	0.93 [0.83, 1.04]	0.1957	0.6231
lycopene	Lycopene	1.07 [0.96, 1.19]	0.1968	0.6231
addsugar	Added Sugars	1.07 [0.96, 1.18]	0.2146	0.6557
niacin	Niacin (vitamin B3)	1.07 [0.96, 1.18]	0.2239	0.6557
pfatot	Total Polyunsaturated Fatty Acids (PUFA)	1.07 [0.96, 1.18]	0.2254	0.6557
threonin	Threonine	1.07 [0.96, 1.19]	0.2305	0.6557
lactose	Lactose	0.94 [0.85, 1.04]	0.2366	0.6557
vitk	Vitamin K (phylloquinone)	0.94 [0.84, 1.04]	0.2412	0.6557
vita_rae	Total Vitamin A Activity (Retinol Activity Equivalents)	0.94 [0.85, 1.04]	0.2416	0.6557
mangan	Manganese	0.94 [0.84, 1.05]	0.2568	0.676
histidin	Histidine	1.06 [0.96, 1.18]	0.2592	0.676
proline	Proline	0.95 [0.85, 1.05]	0.2931	0.7496
fibinso	Insoluble Dietary Fiber	0.95 [0.85, 1.05]	0.3056	0.767
betatoco	Beta-Tocopherol	1.05 [0.95, 1.17]	0.3291	0.8106
oxalic	Oxalic Acid	0.95 [0.86, 1.06]	0.3502	0.8466
pfa182	PUFA 18:2 (linoleic acid)	1.05 [0.95, 1.16]	0.361	0.8466
totsugar	Total Sugars	0.95 [0.86, 1.06]	0.3667	0.8466
arginine	Arginine	1.05 [0.94, 1.17]	0.3692	0.8466
betacryp	Beta-Cryptoxanthin (provitamin A carotenoid)	0.95 [0.86, 1.06]	0.3821	0.85
pfa183	PUFA 18:3 (linolenic acid)	1.05 [0.94, 1.16]	0.3835	0.85
glac		0.96 [0.86, 1.06]	0.4194	0.8714
biochana	Biochanin A	1.04 [0.94, 1.16]	0.425	0.8714
caffeine	Caffeine	1.04 [0.94, 1.16]	0.4268	0.8714
sucrose	Sucrose	1.04 [0.94, 1.16]	0.434	0.8714
maltose	Maltose	0.96 [0.86, 1.07]	0.4509	0.8714
niacineq	Niacin Equivalent	1.04 [0.94, 1.15]	0.4512	0.8714

vitb6	Vitamin B-6 (pyridoxine, pyridoxyl, & pyridoxamine)	0.96 [0.87, 1.07]	0.4537	0.8714
protveg	Vegetable Protein	0.96 [0.86, 1.07]	0.4566	0.8714
coumest	Coumestrol	1.04 [0.94, 1.15]	0.4568	0.8714
alптоce	Total Vitamin E Activity (total alpha-tocopherol equivalents)	1.04 [0.94, 1.16]	0.4586	0.8714
vitd	Vitamin D (calciferol)	0.96 [0.87, 1.07]	0.4691	0.8787
methion	Methionine	1.04 [0.93, 1.15]	0.5057	0.8958
mfa221	MUFA 22:1 (erucic acid)	0.97 [0.87, 1.07]	0.5071	0.8958
gltc		0.97 [0.87, 1.07]	0.5154	0.8958
joules	Energy (kj)	0.97 [0.87, 1.07]	0.5305	0.8958
pfa184	PUFA 18:4 (parinaric acid)	0.97 [0.87, 1.07]	0.5369	0.8958
zinc	Zinc	1.03 [0.93, 1.15]	0.5371	0.8958
cystine	Cystine	0.97 [0.87, 1.07]	0.5412	0.8958
pfa225	PUFA 22:5 (docosapentaenoic acid [DPA])	0.97 [0.87, 1.07]	0.5498	0.8958
fol_nat	Natural Folate (food folate)	0.97 [0.87, 1.08]	0.5505	0.8958
omega3	Omega-3 Fatty Acids	1.03 [0.93, 1.14]	0.5521	0.8958
totfolat	Total Folate	0.97 [0.87, 1.08]	0.5524	0.8958
calcium	Calcium	0.97 [0.87, 1.08]	0.559	0.8958
alphtoco	Alpha-Tocopherol	1.03 [0.93, 1.14]	0.5756	0.9114
vita_re	Total Vitamin A Activity (Retinol Equivalents)	0.97 [0.88, 1.08]	0.5931	0.92
alphacar	Alpha-Carotene (provitamin A carotenoid)	0.97 [0.87, 1.08]	0.5987	0.92
ash	Ash	0.97 [0.88, 1.08]	0.6197	0.92
iron	Iron	0.97 [0.88, 1.08]	0.623	0.92
glutamic	Glutamic Acid	0.97 [0.88, 1.08]	0.6237	0.92

vite_iu	Vitamin E (International Units) (IU)	1.03 [0.92, 1.14]	0.636	0.92
leucine	Leucine	1.02 [0.92, 1.14]	0.6506	0.92
protanim	Animal Protein	1.02 [0.92, 1.14]	0.6522	0.92
phytic	Phytic Acid	0.98 [0.88, 1.09]	0.6647	0.92
fructose	Fructose	0.98 [0.88, 1.09]	0.6803	0.92
sfa220	SFA 22:0 (behenic acid)	0.98 [0.88, 1.08]	0.6832	0.92
starch	Starch	1.02 [0.92, 1.13]	0.6899	0.92
pfa205	PUFA 20:5 (eicosapentaenoic acid [EPA])	0.98 [0.88, 1.09]	0.701	0.92
sodium	Sodium	1.02 [0.92, 1.14]	0.7096	0.92
vitb12	Vitamin B-12 (cobalamin)	1.02 [0.92, 1.13]	0.7137	0.92
daidzein	Daidzein	1.02 [0.92, 1.13]	0.7143	0.92
aspartic	Aspartic Acid	1.02 [0.92, 1.13]	0.7151	0.92
pantothe	Pantothenic acid	1.02 [0.92, 1.13]	0.7155	0.92
fol_deqv	Dietary Folate Equivalents	0.98 [0.88, 1.09]	0.72	0.92
alcohol	Alcohol	0.98 [0.88, 1.09]	0.7289	0.92
genistn	Genistein	0.98 [0.89, 1.09]	0.7316	0.92
lysine	Lysine	1.02 [0.92, 1.13]	0.7388	0.92
vitc	Vitamin C (ascorbic acid)	0.98 [0.88, 1.09]	0.7438	0.92
formontn	Formononetin	0.98 [0.88, 1.09]	0.7482	0.92
betacar	Beta-Carotene (provitamin A carotenoid)	0.98 [0.88, 1.09]	0.7609	0.92
isoleuc	Isoleucine	1.02 [0.92, 1.13]	0.7656	0.92
phenylal	Phenylalanine	1.02 [0.92, 1.13]	0.7681	0.92
thiamin	Thiamin (vitamin B1)	1.02 [0.91, 1.13]	0.7806	0.92
fol_syn	Synthetic Folate (folic acid)	1.01 [0.91, 1.13]	0.7876	0.92
retinol	Retinol	1.01 [0.91, 1.13]	0.7926	0.92

protein	Total Protein	1.01 [0.91, 1.13]	0.7955	0.92
sfa200	SFA 20:0 (arachidic acid)	1.01 [0.92, 1.12]	0.814	0.9276
natoco	Natural Alpha-Tocopherol (RRR-alpha-tocopherol or d-alpha-tocopherol)	0.99 [0.89, 1.10]	0.819	0.9276
water	Water	1.01 [0.91, 1.13]	0.823	0.9276
valine	Valine	1.01 [0.91, 1.12]	0.8308	0.9286
ribofla	Riboflavin (vitamin B2)	0.99 [0.89, 1.10]	0.8685	0.9626
aspartam	Aspartame	0.99 [0.82, 1.19]	0.8892	0.9737
glycitr	Glycitein	0.99 [0.90, 1.10]	0.8932	0.9737
tryptoph	Tryptophan	1.01 [0.91, 1.12]	0.9067	0.9804
grams	Total Grams	1.00 [0.90, 1.12]	0.9321	0.9934
mfa201	MUFA 20:1 (gadoleic acid)	1.00 [0.91, 1.11]	0.9388	0.9934
selenium	Selenium	1.00 [0.90, 1.11]	0.9465	0.9934
galactos	Galactose	1.00 [0.91, 1.11]	0.9511	0.9934
serine	Serine	1.00 [0.90, 1.11]	0.9561	0.9934
copper	Copper	1.00 [0.90, 1.11]	0.9682	0.9951
satoco	Synthetic Alpha-Tocopherol (all rac-alpha-tocopherol or dl-alpha-tocopherol)	1.00 [0.88, 1.13]	0.9798	0.9951
glucose	Glucose	1.00 [0.90, 1.11]	0.9801	0.9951
vita_iu	Total Vitamin A Activity (International Units) (IU)	1.00 [0.90, 1.11]	0.9935	0.9966
tyrosine	Tyrosine	1.00 [0.90, 1.11]	0.9966	0.9966