

Supplementary Table S1 Multivariable¹ HR and 95% CIs for uterine leiomyomas according to dairy intake stratified by parity² in the Nurses' Health Study II, 1991–2009.

	Nulliparous			Parous		
	Cases	HR (95% CI)		Cases	HR (95% CI)	
Total Dairy						
≤4/week	55	1.11	(0.84, 1.47)	113	1.06	(0.88, 1.29)
5–6/week	111	0.94	(0.77, 1.15)	311	1.07	(0.94, 1.20)
1/day	97	0.89	(0.72, 1.10)	253	0.89	(0.78, 1.02)
2/day	739	1.00	Referent	1967	1.00	Referent
3/day	472	0.86	(0.76, 0.96)	1667	0.99	(0.93, 1.06)
4/day	328	1.03	(0.90, 1.18)	1140	0.99	(0.92, 1.07)
>4/day	222	1.02	(0.88, 1.19)	667	0.90	(0.81, 0.98)
P_{trend}^3			0.47			0.06
Low Fat Dairy						
≤4/week	380	0.97	(0.86, 1.11)	1056	1.02	(0.94, 1.10)
5–6/week	374	1.01	(0.89, 1.15)	1032	1.03	(0.95, 1.11)
1/day	233	1.05	(0.89, 1.22)	655	1.06	(0.97, 1.16)
2/day	650	1.00	Referent	1979	1.00	Referent
3/day	288	1.02	(0.89, 1.17)	1030	0.95	(0.88, 1.02)
>3/day	99	0.93	(0.75, 1.15)	366	0.95	(0.88, 1.02)
P_{trend}^3			0.96			0.04
High Fat Dairy						
≤4/week	505	1.09	(0.96, 1.24)	1203	0.95	(0.88, 1.03)
5–6/week	478	0.92	(0.81, 1.04)	1586	0.92	(0.86, 0.99)
1/day	263	1.09	(0.94, 1.27)	777	0.92	(0.85, 1.00)
2/day	514	1.00	Referent	1818	1.00	Referent
3/day	159	1.11	(0.93, 1.33)	486	0.98	(0.89, 1.08)
>3/day	105	1.13	(0.91, 1.39)	248	0.86	(0.75, 0.98)
P_{trend}^3			0.44			0.97
All Milk						
≤4/week	725	1.00	Referent	1869	1.00	Referent
5–6/week	402	1.04	(0.92, 1.17)	1130	1.00	(0.93, 1.08)
1/day	294	0.98	(0.85, 1.12)	881	0.95	(0.88, 1.03)
2/day	349	1.04	(0.92, 1.19)	1298	1.00	(0.93, 1.08)
>2/day	254	1.10	(0.95, 1.28)	940	0.91	(0.84, 0.98)
P_{trend}^3			0.18			0.04
Skim/low-fat milk						
≤4/week	807	1.00	Referent	2057	1.00	Referent
5–6/week	366	0.98	(0.87, 1.11)	1095	1.01	(0.94, 1.09)
1/day	305	0.99	(0.86, 1.13)	880	0.96	(0.88, 1.03)
2/day	310	1.04	(0.91, 1.19)	1207	1.02	(0.94, 1.09)
>2/day	236	1.08	(0.93, 1.25)	879	0.91	(0.83, 0.98)
P_{trend}^3			0.24			0.05

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Supplementary Table SI Continued.

	Nulliparous			Parous		
	Cases	HR (95% CI)		Cases	HR (95% CI)	
Whole milk						
<=4/week	1971	1.00	Referent	5939	1.00	Referent
5-6/week	24	0.92	(0.61, 1.38)	87	0.98	(0.79, 1.21)
1/day	16	1.16	(0.71, 1.90)	48	1.04	(0.78, 1.38)
>1/day	13	1.02	(0.59, 1.76)	44	1.02	(0.63, 1.15)
P_{trend}^3			0.87			0.40
Ice Cream						
<=4/week	1983	1.00	Referent	5974	1.00	Referent
5-6/week	31	0.99	(0.69, 1.42)	112	0.91	(0.75, 1.10)
1+/day	10	1.06	(0.57, 1.99)	32	0.97	(0.69, 1.38)
P_{trend}^3			0.78			0.47
Yogurt						
<=4/week	1805	1.00	Referent	5638	1.00	Referent
5-6/week	173	1.01	(0.86, 1.18)	374	0.89	(0.80, 0.98)
1+/day	46	0.79	(0.59, 1.06)	106	0.98	(0.80, 1.18)
P_{trend}^3			0.20			0.09
Cheese						
<=4/week	960	1.00	Referent	2564	1.00	Referent
5-6/week	669	1.02	(0.93, 1.13)	2214	1.02	(0.96, 1.08)
1/day	186	0.94	(0.80, 1.10)	641	0.97	(0.89, 1.06)
2/day	175	0.91	(0.77, 1.07)	635	1.01	(0.92, 1.10)
>2/day	34	1.05	(0.74, 1.48)	64	0.94	(0.73, 1.20)
P_{trend}^3			0.54			0.72

HR, hazard ratio; MV, multivariable

¹Adjusted for age (continuous), total calories (continuous), age at menarche (<11, 11, 12, 13, 14-15, >15 years), infertility (yes, no), ancestry (Caucasian, Black, Hispanic, Asian, other), number of births among parous women (1, 2, 3, 4+), age at first birth (<25, 25-30, >30 years), time since last birth (<1, 1-3, 4-5, 6-7, 8-9, 10-12, 13-15, 16+ years), age first oral contraceptive (OC) use (13-16, 17-20, 21-24, 25+ years), BMI (<20, 20-21.9, 22-23.9, 24-24.9, 25-26.9, 27-29.9, 30+ kg/m²), menstrual cycle length (<26, 26-31, 32-50 and >50 days), smoking (never, past, current), recent gynecologic/breast exam (no recent exam, recent exam) and use of anti-hypertensive medications/diastolic blood pressure (no meds <65, no meds 65-74, no meds 75-84, no meds 85-89, no meds 90+, meds <65, meds 65-74, meds 75-84, meds 85-89, meds 90+).

²P-values for interaction were 0.14 for total dairy, 0.34 for low-fat dairy and 0.42 for high-fat dairy

³Determined using category medians.