

Supplemental Table 1. Pyramid food groups and bladder cancer risk in never smokers *

		Quartiles of intake				P-trend
		1 st	2 nd	3 rd	4 th	
Vegetables group						
Total vegetables	Cup equivalents/day	<1.88	1.88-2.98	2.99-4.54	>4.54	
	case/control (no.)	59/99	63/88	53/101	68/97	
	Odds ratio [†]	Ref.	1.21	0.82	1.02	
	95% CI	Ref.	0.76, 1.92	0.51, 1.33	0.63, 1.67	0.71
Dark-green vegetables	Cup equivalents/day	<0.11	0.11-0.34	0.35-0.69	>0.69	
	case/control (no.)	54/88	72/95	55/103	62/99	
	Odds ratio	Ref.	1.20	0.85	0.92	
	95% CI	Ref.	0.75, 1.91	0.53, 1.38	0.57, 1.51	0.42
Cruciferous vegetables	Cup equivalents/day	<0.17	0.17-0.45	0.46-0.93	>0.93	
	case/control (no.)	56/97	78/95	50/101	59/92	
	Odds ratio	Ref.	1.44	0.80	1.03	
	95% CI	Ref.	0.92, 2.27	0.49, 1.30	0.63, 1.67	0.50
Orange vegetables	Cup equivalents/day	<0.12	0.12-0.26	0.26-0.52	>0.52	
	case/control (no.)	58/80	64/100	57/109	64/96	
	Odds ratio	Ref.	0.85	0.70	0.86	
	95% CI	Ref.	0.53, 1.37	0.43, 1.13	0.52, 1.40	0.41
White potatoes	Cup equivalents/day	<0.34	0.34-0.75	0.76-1.36	>1.36	
	case/control (no.)	62/111	55/92	55/96	71/86	
	Odds ratio	Ref.	1.01	0.93	1.31	
	95% CI	Ref.	0.63, 1.62	0.57, 1.52	0.79, 2.18	0.39
Other Starchy vegetables	Cup equivalents/day	<0.08	0.09-0.19	0.20-0.35	>0.35	
	case/control (no.)	51/106	57/84	65/98	70/97	
	Odds ratio	Ref.	1.41	1.35	1.40	
	95% CI	Ref.	0.87, 2.29	0.85, 2.16	0.87, 2.26	0.79
Tomatoes	Cup equivalents/day	<0.30	0.30-0.55	0.56-0.92	>0.92	
	case/control (no.)	63/96	51/90	65/94	64/105	
	Odds ratio	Ref.	0.76	0.91	0.74	
	95% CI	Ref.	0.47, 1.24	0.56, 1.46	0.45, 1.20	0.34
Fruits group						
Total fruits	Cup equivalents/day	<1.74	1.74-3.26	3.27-5.29	>5.29	
	case/control (no.)	59/79	49/98	65/104	70/104	
	Odds ratio	Ref.	0.65	0.80	0.84	
	95% CI	Ref.	0.40, 1.06	0.50, 1.29	0.51, 1.37	0.73
Citrus fruits, melons and berries	Cup equivalents/day	<0.63	0.63-1.49	1.50-2.73	>2.72	
	case/control (no.)	53/92	57/87	59/103	74/103	
	Odds ratio	Ref.	1.19	0.95	1.20	
	95% CI	Ref.	0.74, 1.93	0.59, 1.54	0.74, 1.92	0.66
Citrus fruits	Cup equivalents/day	<0.13	0.13-0.57	0.58-1.37	>1.37	

	case/control (no.)	45/86	60/89	72/106	66/104	
	Odds ratio	Ref.	1.31	1.23	1.13	
	95% CI	Ref.	0.80, 2.15	0.77, 1.99	0.69, 1.85	0.75
Other fruits	Cup equivalents/day	<0.86	0.86-1.73	1.74-2.97	>2.97	
	case/control (no.)	58/78	64/96	60/104	61/107	
	Odds ratio	Ref.	0.86	0.76	0.68	
	95% CI	Ref.	0.53, 1.38	0.47, 1.23	0.42, 1.13	0.42

*OR adjusted for age, sex, ethnicity, total energy intake, and alcohol consumption

Supplemental Table 2. Pyramid food groups and bladder cancer risk in former smokers*

		Quartiles of intake				P-trend
		1 st	2 nd	3 rd	4 th	
Vegetables group						
Total vegetables	Cup equivalents/day	<1.88	1.88-2.98	2.99-4.54	>4.54	
	case/control (no.)	115/100	109/107	98/102	99/111	
	Odds ratio [†]	Ref.	0.79	0.66	0.57	
	95% CI	Ref.	0.53, 1.16	0.44, 0.99	0.38, 0.86	0.006
Dark-green vegetables	Cup equivalents/day	<0.11	0.11-0.34	0.35-0.69	>0.69	
	case/control (no.)	111/110	140/104	75/104	95/102	
	Odds ratio	Ref.	1.30	0.66	0.79	
	95% CI	Ref.	0.89, 1.88	0.44, 0.99	0.53, 1.17	0.03
Cruciferous vegetables	Cup equivalents/day	<0.17	0.17-0.45	0.46-0.93	>0.93	
	case/control (no.)	114/100	130/107	87/105	90/108	
	Odds ratio	Ref.	0.99	0.65	0.61	
	95% CI	Ref.	0.68, 1.44	0.44, 0.97	0.40, 0.91	0.003
Orange vegetables	Cup equivalents/day	<0.12	0.12-0.26	0.26-0.52	>0.52	
	case/control (no.)	126/116	104/92	94/96	97/116	
	Odds ratio	Ref.	1.03	0.82	0.64	0.02
	95% CI	Ref.	0.70, 1.51	0.56, 1.22	0.44, 0.95	
White potatoes	Cup equivalents/day	<0.34	0.34-0.75	0.76-1.36	>1.36	
	case/control (no.)	94/98	104/117	99/102	124/103	
	Odds ratio	Ref.	0.90	0.91	1.03	
	95% CI	Ref.	0.61, 1.34	0.60, 1.38	0.67, 1.59	0.86
Other Starchy vegetables	Cup equivalents/day	<0.08	0.09-0.19	0.20-0.35	>0.35	
	case/control (no.)	102/100	101/112	115/106	103/102	
	Odds ratio	Ref.	0.87	0.96	0.80	
	95% CI	Ref.	0.59, 1.28	0.65, 1.42	0.53, 1.21	0.41
Tomatoes	Cup equivalents/day	<0.30	0.30-0.55	0.56-0.92	>0.92	
	case/control (no.)	108/102	92/108	85/111	136/99	
	Odds ratio	Ref.	0.77	0.66	1.11	
	95% CI	Ref.	0.52, 1.15	0.44, 1.00	0.74, 1.66	0.70
Fruits group						
Total fruits	Cup equivalents/day	<1.74	1.74-3.26	3.27-5.29	>5.29	
	case/control (no.)	91/109	110/105	102/103	118/103	
	Odds ratio	Ref.	1.18	1.04	1.06	
	95% CI	Ref.	0.79, 1.75	0.70, 1.56	0.70, 1.61	0.94
Citrus fruits, melons and berries	Cup equivalents/day	<0.63	0.63-1.49	1.50-2.73	>2.72	
	case/control (no.)	85/106	99/109	116/103	121/102	
	Odds ratio	Ref.	1.10	1.27	1.22	
	95% CI	Ref.	0.74, 1.63	0.86, 1.90	0.81, 1.84	0.26
Citrus fruits	Cup equivalents/day	<0.13	0.13-0.57	0.58-1.37	>1.37	

	case/control (no.)	96/109	100/113	118/95	107/103	
	Odds ratio	Ref.	0.98	1.32	1.01	
	95% CI	Ref.	0.66, 1.45	0.89, 1.95	0.68, 1.50	0.61
Other fruits	Cup equivalents/day	<0.86	0.86-1.73	1.74-2.97	>2.97	
	case/control (no.)	109/105	112/107	99/107	101/101	
	Odds ratio	Ref.	0.97	0.78	0.74	
	95% CI	Ref.	0.66, 1.42	0.52, 1.15	0.49, 1.11	0.09

*OR adjusted for age, sex, ethnicity, smoking duration, number of cigarettes per day, total energy intake, and alcohol consumption

Supplemental Table 3. Pyramid food groups and bladder cancer risk in current smokers *

		Quartiles of intake				P-trend
		1 st	2 nd	3 rd	4 th	
Vegetables group						
Total vegetables	Cup equivalents/day	<1.88	1.88-2.98	2.99-4.54	>4.54	
	case/control (no.)	78/20	52/25	57/16	33/12	
	Odds ratio [*]	Ref.	0.34	0.67	0.42	
	95% CI	Ref.	0.16, 0.73	0.30, 1.49	0.17, 1.04	0.15
Dark-green vegetables	Cup equivalents/day	<0.11	0.11-0.34	0.35-0.69	>0.69	
	case/control (no.)	74/21	68/21	43/13	35/18	
	Odds ratio	Ref.	0.83	0.79	0.41	
	95% CI	Ref.	0.41, 1.69	0.35, 1.79	0.19, 0.93	0.05
Cruciferous vegetables	Cup equivalents/day	<0.17	0.17-0.45	0.46-0.93	>0.93	
	case/control (no.)	79/23	67/17	41/14	33/19	
	Odds ratio	Ref.	1.06	0.73	0.38	
	95% CI	Ref.	0.51, 2.20	0.33, 1.62	0.17, 0.83	0.02
Orange vegetables	Cup equivalents/day	<0.12	0.12-0.26	0.26-0.52	>0.52	
	case/control (no.)	90/24	55/26	48/14	27/9	
	Odds ratio	Ref.	0.51	0.79	0.62	
	95% CI	Ref.	0.26, 1.00	0.36, 1.70	0.24, 1.58	0.33
White potatoes	Cup equivalents/day	<0.34	0.34-0.75	0.76-1.36	>1.36	
	case/control (no.)	39/11	50/10	53/21	78/31	
	Odds ratio	Ref.	1.47	0.67	0.54	
	95% CI	Ref.	0.54, 4.01	0.27, 1.67	0.22, 1.34	0.05
Other Starchy vegetables	Cup equivalents/day	<0.08	0.09-0.19	0.20-0.35	>0.35	
	case/control (no.)	53/16	56/21	54/17	57/19	
	Odds ratio	Ref.	0.78	0.88	0.78	
	95% CI	Ref.	0.35, 1.70	0.39, 1.99	0.34, 1.78	0.65
Tomatoes	Cup equivalents/day	<0.30	0.30-0.55	0.56-0.92	>0.92	
	case/control (no.)	74/22	44/21	51/14	51/16	
	Odds ratio	Ref.	0.45	0.78	0.73	
	95% CI	Ref.	0.21, 0.98	0.34, 1.79	0.33, 1.64	0.66
Fruits group						
Total fruits	Cup equivalents/day	<1.74	1.74-3.26	3.27-5.29	>5.29	
	case/control (no.)	99/32	53/16	33/12	35/13	
	Odds ratio	Ref.	0.77	0.66	0.52	
	95% CI	Ref.	0.37, 1.59	0.29, 1.51	0.22, 1.25	0.12
Citrus fruits, melons and berries	Cup equivalents/day	<0.63	0.63-1.49	1.50-2.73	>2.72	
	case/control (no.)	76/22	64/23	44/13	36/15	
	Odds ratio	Ref.	0.78	0.83	0.51	
	95% CI	Ref.	0.39, 1.56	0.37, 1.87	0.22, 1.19	0.17
Citrus fruits	Cup equivalents/day	<0.13	0.13-0.57	0.58-1.37	>1.37	

	case/control (no.)	82/23	53/19	48/18	37/13	
	Odds ratio	Ref.	0.70	0.66	0.61	
	95% CI	Ref.	0.34, 1.46	0.31, 1.38	0.26, 1.41	0.20
Other fruits	Cup equivalents/day	<0.86	0.86-1.73	1.74-2.97	>2.97	
	case/control (no.)	117/37	37/16	39/8	27/12	
	Odds ratio	Ref.	0.61	1.08	0.49	
	95% CI	Ref.	0.30, 1.26	0.45, 2.63	0.20, 1.19	0.22

*OR adjusted for age, sex, ethnicity, smoking duration, number of cigarettes per day, total energy intake, and alcohol consumption

Supplemental Table 4. Intakes of individual vegetables and bladder cancer risk

Cases/Controls (no.)		Odds ratio*	95 % CI	P- value	Cases/Controls (no.)		Odds ratio*	95% CI	P- value
Sweet green peas					Squashes				
0.06-1.42	158/174	Ref.			0.03-1.29	165/156	Ref.		
1.43-3.10	164/171	1.18	0.86, 1.62	0.32	1.30-3.16	162/156	1.05	0.76, 1.45	0.77
3.11-7.04	190/171	1.29	0.94, 1.76	0.12	3.17-7.13	147/156	1.03	0.74, 1.43	0.85
≥7.04	162/173	1.17	0.85, 1.61	0.33	≥7.14	124/157	0.82	0.59, 1.15	0.26
P-trend		0.27					0.3		
Corns					Sweet green peppers				
0.1-2.58	231/194	Ref.			0.07-1.17	151/156	Ref.		
2.59-5.11	195/196	0.82	0.61, 1.09	0.17	1.18-2.86	155/154	1.07	0.77, 1.49	0.68
5.12-9.93	197/193	0.89	0.67, 1.19	0.43	2.87-6.41	142/155	1.01	0.72, 1.41	0.94
≥9.94	172/194	0.77	0.58, 1.04	0.04	≥6.42	140/156	1.05	0.75, 1.47	0.77
P-trend		0.14					0.87		
Winter squash, acorn, butternut					Okra				
0.05-0.96	106/90	Ref.			0.09-0.87	133/124	Ref.		
0.97-2.36	82/91	0.76	0.50, 1.17	0.21	0.88-2.08	129/124	1.00	0.69, 1.44	0.99
2.37-5.34	77/92	0.73	0.47, 1.12	0.15	2.09-4.79	119/124	0.92	0.63, 1.33	0.65
≥5.35	73/90	0.67	0.43, 1.05	0.08	≥4.80	132/124	1.02	0.70, 1.47	0.93
P-trend		0.08					0.95		
Raw tomatoes					Tomato juice or V-8				
0.15-0.81	248/198	ref.			0.40-3.57	109/74	Ref.		
0.82-13.79	181/198	0.82	0.61, 1.09	0.8	3.58-10.29	84/76	0.71	0.45, 1.12	0.14
13.80-26.53	186/198	0.85	0.64, 1.13	0.27	10.30-32.06	73/75	0.59	0.37, 0.93	0.02
≥26.54	188/198	0.86	0.64, 1.15	0.31	≥35.07	53/74	0.47	0.29, 0.77	0.003
P-trend		0.35					0.002		
Broccoli					Green cabbage, cole slaw, sauerkraut				
0.04-2.81	124/184	Ref.			0.05-1.15	239/175	Ref.		
2.82-6.38	192/187	0.84	0.63, 1.12	0.25	1.16-2.59	190/176	0.86	0.64, 1.15	0.31
6.39-12.83	139/184	0.62	0.46, 0.84	0.002	2.60-5.45	158/174	0.70	0.52, 0.95	0.02
≥12.84	155/184	0.71	0.53, 0.96	0.03	≥5.46	139/175	0.63	0.46, 0.86	0.004
P-trend		0.01					0.002		
Cauliflower					Asparagus				
0.03-1.15	199/137	Ref.			0.06-1.19	157/133	Ref.		
1.16-2.42	127/132	0.70	0.50, 0.98	0.04	1.20-2.59	114/131	0.75	0.52, 1.06	0.11
2.43-5.54	121/137	0.64	0.46, 0.90	0.01	2.60-5.20	101/134	0.68	0.47, 0.98	0.04
≥5.55	95/135	0.50	0.36, 0.72	<0.001	≥5.21	122/132	0.83	0.58, 1.18	0.3
P-trend		<0.001					0.23		
Raw Spinach					Beets				
0.01-0.21	100/100	Ref.			0.04-0.43	122/98	Ref.		
0.22-0.50	104/100	1.04	0.69, 1.57	0.84	0.44-1.22	88/97	0.73	0.49, 1.10	0.13
0.51-1.23	50/97	0.53	0.33, 0.84	0.008	1.23-2.67	79/98	0.65	0.43, 0.98	0.04
≥1.24	78/98	0.83	0.54, 1.28	0.4	≥2.68	102/98	0.90	0.60, 1.35	0.61
P-trend		0.10					0.48		
Cooked Spinach					Celery				
0.06-1.12	161/136	Ref.			0.03-0.70	169/142	Ref.		

1.13-2.66	141/138	0.84	0.60, 1.19	0.32	0.71-1.79	127/142	0.78	0.55, 1.09	0.15
2.67-6.20	129/134	0.81	0.57, 1.14	0.23	1.80-4.85	160/142	0.93	0.67, 1.30	0.67
≥6.21	94/137	0.59	0.41, 0.85	0.005	≥4.86	132/142	0.78	0.55, 1.10	0.15
P-trend		0.01					0.29		
Mustard greens, collards					Red cabbage				
0.04-0.67	79/76	Ref.			0.03-0.45	84/70	Ref.		
0.68-1.77	58/73	0.91	0.55, 1.49	0.7	0.46-1.30	74/70	0.89	0.56, 1.43	0.64
1.78-4.42	79/76	1.17	0.72, 1.88	0.53	1.31-3.28	45/71	0.56	0.33, 0.93	0.03
≥4.43	61/74	0.95	0.57, 1.56	0.83	≥3.29	46/70	0.55	0.34, 0.93	0.02
P-trend		0.90					0.007		
Carrots					Snow pea				
0.05-2.67	227/198	Ref.			0.04-0.61	77/93	Ref.		
2.68-5.69	202/199	0.97	0.73, 1.29	0.84	0.62-1.44	72/92	1.09	0.69, 1.70	0.72
5.70-12.14	199/197	0.98	0.74, 1.31	0.91	1.45-3.41	68/93	0.97	0.61, 1.53	0.88
≥12.15	150/197	0.72	0.54, 0.97	0.03	≥3.42	60/92	0.90	0.56, 1.44	0.66
P-trend		0.06			P-trend		0.58		
Salads made with lettuce					Turnip greens				
0.11-4.40	278/209	Ref.			0.05-0.46	80/72	Ref.		
4.41-9.33	227/209	0.86	0.65, 1.12	0.25	0.47-1.32	79/73	1.06	0.66, 1.71	0.82
9.34-17.40	181/209	0.70	0.53, 0.93	0.01	1.33-3.09	79/73	0.92	0.57, 1.51	0.77
≥17.41	152/209	0.62	0.47, 0.83	0.001	≥3.10	87/72	1.17	0.72, 1.88	0.52
P-trend		<0.001					0.64		
Sweet potato					Mushroom				
0.08-0.95	179/156	Ref.			0.06-0.81	118/146	Ref.		
0.96-2.56	134/157	0.78	0.56, 1.07	0.12	0.82-1.99	128/147	1.09	0.77, 1.56	0.62
2.57-6.14	153/155	0.91	0.66, 1.26	0.58	2.00-4.95	141/148	1.31	0.92, 1.87	0.13
≥6.15	129/154	0.81	0.58, 1.13	0.21	≥4.96	125/146	1.21	0.84, 1.73	0.31
P-trend		0.35					0.20		
Fresh garlic					Onion				
0.003-0.15	156/116	Ref.			0.05-2.71	164/197	Ref.		
0.151-0.38	101/116	0.65	0.44, 0.94	0.02	2.72-6.72	205/196	1.32	0.98, 1.78	0.07
0.38-1.06	100/116	0.65	0.45, 0.95	0.03	6.73-13.38	231/197	1.44	1.07, 1.93	0.02
≥1.07	77/116	0.47	0.31, 0.71	<0.001	≥13.39	178/196	1.22	0.90, 1.66	<0.001
P-trend		<0.001					0.16		

* Adjusted for age, sex, ethnicity, smoking status, smoking duration, number of cigarettes per day, total energy intake, and alcohol consumption

† remain significant after FDR adjustment at 5% level

Supplemental Table 5. Individual fruits intake and bladder cancer risk

	Cases/Controls (No.)	Odds ratio*	95% CI	P- value		Cases/Controls (no.)	Odds ratio*	95% CI	P- value
Apple					Water melon				
0.1-3.78	229/192	Ref.			0.15-2.50	183/144	Ref.		
3.79-11.60	199/192	0.94	0.70, 1.25	0.67	2.51-9018	129/144	0.77	0.55, 1.07	0.12
11.61-27.92	137/192	0.68	0.50, 0.92	0.01	9.19-34.57	160/144	0.90	0.65, 1.25	0.52
≥27.93	148/192	0.78	0.57, 1.05	0.1	≥34.58	130/144	0.79	0.56, 1.11	0.18
P-trend		0.03			P-trend		0.30		
Banana					Pear				
0.17-8.86	281/193	Ref.			0.09-1.70	132/120	Ref.		
8.87-22.67	184/195	0.67	0.50, 0.89	0.005	1.71-4.12	112/118	0.90	0.62, 1.30	0.57
22.68-41.03	155/194	0.59	0.44, 0.79	<0.001	4.13-11.49	131/121	1.03	0.72, 1.49	0.86
≥41.04	141/193	0.63	0.46, 0.85	0.003	≥11.50	84/119	0.70	0.47, 1.05	0.08
P-trend		<0.001			P-trend		0.19		
Peach					Cranberry juice and cranberries				
0.09-2.04	168/151	Ref.			0.06-0.47	85/117	Ref.		
2.05-5.31	165/151	1.05	0.75, 1.46	0.78	0.48-3.73	103/116	1.39	0.93, 2.08	0.11
5.32-13.17	148/151	0.99	0.71, 1.38	0.94	3.74-18.61	113/115	1.55	1.03, 2.32	0.03
≥13.18	132/153	0.92	0.65, 1.30	0.65	≥18.62	182/117	2.28	1.55, 3.36	<0.001
P-trend		0.59			P-trend		<0.001		
Apricot					Pineapple or pineapple juice				
0.02-0.27	65/58	Ref.			0.05-1.11	113/101	Ref.		
0.28-0.73	38/54	0.63	0.36, 1.12	0.12	1.12-2.32	71/101	0.64	0.42, 0.98	0.04
0.74-1.79	28/54	0.48	0.26, 0.88	0.02	2.33-5.58	97/102	0.87	0.58, 1.30	0.5
≥1.80	59/55	1.19	0.68, 2.07	0.54	≥5.59	100/100	0.95	0.63, 1.43	0.82
P-trend		0.76			P-trend		0.89		
Prune					Grape				
0.07-1.02	48/54	Ref.			0.07-1.49	182/169	Ref.		
1.03-3.52	45/54	1.00	0.56, 1.80	0.99	1.50-3.94	172/171	1.14	0.83, 1.55	0.43
3.53-17.60	49/54	1.05	0.58, 1.89	0.87	3.95-9.71	159/170	0.98	0.72, 1.35	0.92
≥17.61	37/53	0.79	0.42, 1.46	0.44	≥9.72	170/170	1.15	0.84, 1.57	0.4
P-trend		0.51			P-trend		0.60		
Cantalope					Apple juice or grape juice				
0.08-1.80	178/171	Ref.			0.25-4.59	88/83	Ref.		
1.81-4.36	141/173	0.77	0.56, 1.07	0.12	4.60-16.78	114/85	1.28	0.83, 1.99	0.26
4.37-10.89	185/172	1.13	0.83, 1.54	0.45	16.79-51.47	73/85	0.96	0.60, 1.54	0.87
≥10.90	193/171	1.19	0.87, 1.62	0.27	≥51.48	98/84	1.21	0.77, 1.89	0.41
P-trend		0.08			P-trend		0.70		
Blueberry					Melon				
0.04-0.43	115/91	Ref.			0.27-2.04	56/68	Ref.		
0.44-1.09	69/90	0.59	0.39, 0.92	0.02	2.05-5.83	57/68	1.01	0.60, 1.70	0.97
1.10-3.28	66/92	0.60	0.39, 0.93	0.02	5.84-15.82	61/68	1.26	0.75, 2.12	0.38
≥3.29	82/91	0.69	0.45, 1.05	0.09	≥15.83	57/69	1.06	0.63, 1.77	0.84
P-trend		0.09			P-trend		0.65		
Strawberry					Raisin				

0.014-0.80	187/165	Ref.			0.05-0.97	98/87	Ref.		
0.81-2.16	169/163	0.99	0.72, 1.35	0.94	0.98-2.94	79/95	0.77	0.50, 1.20	0.25
2.17-5.62	153/166	0.92	0.67, 1.27	0.62	2.95-10.60	91/91	0.97	0.63, 1.49	0.88
≥5.63	136/163	0.87	0.63, 1.21	0.41	≥10.61	62/91	0.70	0.44, 1.11	0.13
P-Trend		0.37			P-trend		0.28		
Orange					Cherry				
0.13-2.46	190/140	Ref.			0.04-0.56	83/83	Ref.		
2.47-6.40	130/142	0.79	0.56, 1.10	0.17	0.57-1.35	67/79	0.92	0.58, 1.46	0.71
6.41-16.55	154/141	0.88	0.63, 1.23	0.45	1.36-5.51	86/80	1.26	0.80, 1.97	0.32
≥16.56	103/141	0.61	0.43, 0.88	0.007	≥5.52	59/80	0.87	0.54, 1.41	0.57
P-trend		0.02			P-trend		0.96		
Orange juice					Grapefruit				
0.52-14.96	150/98	Ref.			0.20-2.16	104/80	Ref.		
14.97-48.18	112/98	0.82	0.55, 1.21	0.31	2.17-5.00	63/78	0.76	0.47, 1.20	0.24
48.19-99.88	97/98	0.64	0.43, 0.95	0.03	5.01-14.62	68/80	0.69	0.44, 1.10	0.12
≥99.89	85/98	0.68	0.45, 1.02	0.06	≥14.63	82/80	0.93	0.59, 1.46	0.75
P-trend		0.03			P-trend		0.64		
Grapefruit juice					Other berries				
0.26-2.16	39/45	Ref.			0.03-0.27	83/76	Ref.		
2.17-7.59	45/44	1.21	0.63, 2.31	0.57	0.28-0.59	43/73	0.52	0.31, 0.88	0.01
7.60-25.00	40/44	0.97	0.49, 1.91	0.94	0.60-1.67	42/75	0.51	0.31, 0.86	0.01
≥25.61	47/45	1.12	0.58, 2.14	0.74	≥1.68	56/75	0.75	0.46, 1.22	0.24
P-trend		0.90			P-trend		0.19		
Plum									
0.08-0.58	102/73	Ref.							
0.59-1.59	74/74	0.81	0.51, 1.28	0.37					
1.60-4.40	65/73	0.78	0.48, 1.25	0.3					
≥4.41	50/73	0.57	0.35, 0.94	0.03					
P-trend		0.030							

* Adjusted for age, sex, ethnicity, smoking status, smoking duration, number of cigarettes per day, total energy intake, and alcohol consumption

† remain significant after FDR adjustment at 5% level