

Supplementary Table S1. Comparison of dietary intake of vitamins between females and males

	Total			Parkinson's disease			Healthy individuals		
	Female (n=58)	Male (n=112)	p	Female (n=41)	Male (n=79)	p	Female (n=17)	Male (n=33)	p
Vitamin A (mg)	453.02 ± 196.53	395.59 ± 149.97	0.05	448.58 ± 203.09	412.75 ± 156.60	0.33	463.71 ± 185.23	354.51 ± 125.61	0.04
β-Carotene (mg)	2766.05 ± 1339.90	1339.90 ± 1096.18	0.03	2764.93 ± 1401.06	2394.62 ± 1163.16	0.17 [†]	2768.76 ± 1220.02	2111.40 ± 901.08	0.04
α-Carotene (mg)	398.17 ± 307.50	320.27 ± 263.83	0.09 [†]	413.16 ± 321.04	332.44 ± 256.38	0.18 [†]	362.01 ± 277.89	291.14 ± 282.81	0.33 [†]
Lutein (mg)	1323.34 ± 719.40	1173.12 ± 503.98	0.23 [†]	1334.64 ± 778.18	1159.78 ± 525.91	0.31 [†]	1296.10 ± 573.35	1205.05 ± 453.20	0.54
β-Cryptoxanthin (mg)	155.65 ± 87.51	140.15 ± 89.24	0.19 [†]	157.31 ± 94.32	151.88 ± 95.38	0.76 [†]	151.66 ± 70.82	112.07 ± 65.57	0.048[†]
Lycopene (mg)	4430.81 ± 1624.67	4237.74 ± 1797.76	0.49	4277.08 ± 1655.99	4028.16 ± 1800.67	0.46	4801.59 ± 1530.02	4739.47 ± 1714.46	0.90
Vitamin C (mg)	98.32 ± 47.51	83.92 ± 36.78	0.047	96.79 ± 46.11	89.71 ± 39.54	0.38	102.01 ± 51.99	70.05 ± 24.54	0.03[†]
Vitamin D (µg)	1.19 ± 0.85	1.18 ± 0.89	0.98 [†]	1.18 ± 0.87	1.17 ± 0.81	0.82 [†]	1.22 ± .84	1.21 ± 1.08	0.67 [†]
Vitamin E (mg)	11.53 ± 3.93	11.41 ± 2.64	0.83	11.99 ± 4.00	11.40 ± 2.73	0.34	10.41 ± 3.64	11.43 ± 2.46	0.24
α-Tocopherol (mg)	7.34 ± 2.57	6.91 ± 1.70	0.25	7.67 ± 2.59	7.04 ± 1.78	0.12	6.56 ± 2.43	6.61 ± 1.48	0.94
Thiamin (mg)	1.56 ± 0.44	1.87 ± 0.45	<0.001	1.51 ± 0.46	1.82 ± 0.47	0.001	1.68 ± 0.36	2.00 ± 0.36	0.004
Riboflavin (mg)	1.62 ± 0.62	1.63 ± 0.45	0.92	1.53 ± 0.61	1.61 ± 0.47	0.42	1.83 ± 0.60	1.67 ± 0.41	0.33
Niacin (mg)	17.14 ± 4.39	20.70 ± 5.09	<0.001	17.14 ± 4.75	20.48 ± 5.37	0.001	17.14 ± 3.50	21.24 ± 4.35	0.002
Vitamin B6 (mg)	1.52 ± 0.43	1.61 ± 0.38	0.13	1.45 ± 0.42	1.58 ± 0.39	0.10	1.68 ± 0.42	1.70 ± 0.32	0.86
Folate (mg)	392.63 ± 93.76	456.46 ± 103.50	<0.001	390.57 ± 96.92	443.59 ± 108.44	0.01	397.58 ± 88.30	487.29 ± 84.29	0.001
Vitamin B12 (mg)	3.12 ± 1.60	3.22 ± 1.56	0.56 [†]	2.95 ± 1.62	3.12 ± 1.65	0.44 [†]	3.52 ± 1.51	3.44 ± 1.32	0.85
Biotin	27.25 ± 9.91	30.16 ± 8.86	0.05	25.86 ± 9.91	29.55 ± 9.18	0.04	30.60 ± 9.37	31.61 ± 8.00	0.69
Pantothenic acid (mg)	4.50 ± 1.40	4.86 ± 1.24	0.09	4.27 ± 1.35	4.70 ± 1.26	0.08	5.06 ± 1.41	5.24 ± 1.15	0.64
Vitamin K (Mg)	150.41 ± 83.23	129.33 ± 76.49	0.11 [†]	150.06 ± 84.27	129.10 ± 86.58	0.15 [†]	151.26 ± 83.20	129.88 ± 44.94	0.48 [†]

Data presented as mean ± SD. [†] Mann-Whitney test was used for analysis.

