

**Table S2 The differences in micronutrient intake during the second and third trimester between each dietary pattern**

Nutrient	Dietary Pattern in the second trimester				<i>P</i>  value	Dietary Pattern in the third trimester				<i>P</i>  value
	1(n=10)	2(n=51)	3(n=39)	4(n=26)		1(n=6)	2(n=44)	3(n=34)	4(n=24)	
	Median	Median	Median	Median		Median	Median	Median	Median	
	(IQR)	(IQR)	(IQR)	(IQR)		(IQR)	(IQR)	(IQR)	(IQR)	
Daily total nutrients/1000 kcal										
Fiber(g)	12.45 (11.08)	8.90 (7.20)	8.80 (6.60)	12.70 (11.28)	0.203	10.55 (13.93)	11.55 (6.28)	10.00 (6.55)	8.75 (6.53)	0.756
Cholesterol (mg)	485.00 (215.50)	426.00 (252.00)	390.00 (235.00)	355.50 (311.50)	0.672	474.00 (484.00)	418.50 (247.75)	510.50 (342.75)	491.50 (291.50)	0.418
Calcium (mg)	446.50 (520.00)	450.00 (308.00)	464.00 (280.00)	528.50 (603.25)	0.754	550.50 (360.25)	482.00 (308.25)	502.50 (370.50)	451.00 (271.25)	0.927
Phosphorus (mg)	1009.55 (801.05)	873.00 (403.40)	960.50 (502.10)	1062.80 (430.75)	0.308	1030.15 (960.05)	973.85 (379.47)	1067.65 (478.4)	936.10 (304.88)	0.287
Potassium (mg)	2037.00 (1523.45)	1616.40 (820.30)	1692.80 (914.30)	1591.55 (1273.77)	0.583	1908.35 (1786.55)	1803.4 (639.65)	1931.10 (986.25)	1591.20 (973.05)	0.632
Sodium (mg)	936.55 (995.68)	804.60 (855.20)	746.60 (1196.30)	676.50 (909.61)	0.776	1070.60 (1696.88)	1017.4 (808.43)	1022.00 (915.97)	811.20 (407.67)	0.196
Magnesium (mg)	324.00 (230.75)	241.00 (109.00)	259.00 (166.00)	296.00 (202.75)	0.398	272.50 (337.25)	261.50 (134.00)	280.00 (142.75)	248.00 (156.75)	0.871
Iron (mg)	18.75 (21.85)	16.30 (8.80)	16.90 (7.90)	18.90 (18.38)	0.826	16.45 (15.83)	18.00 (7.88)	17.80 (10.05)	14.85 (8.43)	0.421
Iodine (µg)	39.60 (79.18)	26.90 (25.90)	27.10 (41.50)	33.70 (25.68)	0.604	34.45 (41.65)	29.00 (38.08)	32.50 (29.38)	35.30 (30.05)	0.969

Zinc	9.20	8.14	8.10	9.12	0.941	10.20	9.41	10.45	8.24	0.079
(mg)	(5.86)	(4.06)	(4.02)	(5.11)		(7.35)	(2.93)	(4.25)	(3.37)	
Selenium	44.41	46.94	44.05	49.86	0.667	55.01	53.06	60.35	48.11	0.251
(µg)	(46.46)	(20.64)	(32.29)	(26.83)		(32.98)	(30.90)	(38.47)	(22.78)	
Copper	1.60	1.33	1.36	1.53	0.493	2.03	1.42	1.66	1.27	0.172
(mg)	(1.51)	(0.89)	(0.85)	(1.28)		(1.52)	(0.70)	(0.93)	(0.82)	
Manganese	3.57	3.02	3.08	3.55	0.189	2.96	3.43	3.05	3.22	0.710
(mg)	(2.67)	(1.86)	(1.57)	(3.81)		(4.01)	(1.89)	(1.94)	(1.66)	
Vitamin	417.50	312.00	286.00(2	334.50	0.226	417.00	300.00	375.50	328.50	0.516
A(µg RE)	(254.00)	(217.00)	48.00)	(315.75)		(259.50)	(175.75)	(297.50)	(190.50)	
Vitamin	1.40	1.40	1.60	1.75	0.932	1.35	1.30	1.45	1.80	0.357
D(µg)	(1.33)	(1.30)	(1.40)	(3.20)		(4.28)	(1.08)	(2.15)	(1.53)	
Vitamin	13.99	13.47	11.42	15.35	0.783	11.44	11.05	15.03	9.34	0.347
E(mg)	(22.02)	(9.77)	(9.78)	(13.02)		(12.47)	(11.71)	(8.59)	(11.78)	
Thiamine	0.81	0.67 <sup>d</sup>	0.80	0.97 <sup>b</sup>	<b>0.020</b>	0.80	0.88	0.81	0.73	0.628
(mg)	(0.83)	(0.37)	(0.56)	(0.54)		(0.64)	(0.41)	(0.36)	(0.33)	
Riboflavin	1.13	0.87	0.86	0.84	0.411	1.14	0.86	0.98	0.94	0.708
(mg)	(1.55)	(0.69)	(0.44)	(0.48)		(0.44)	(0.45)	(0.65)	(0.20)	
Vitamin	0.24	0.15	0.16	0.19	0.646	0.22	0.18	0.17	0.17	0.782
B6(mg)	(0.23)	(0.17)	(0.21)	(0.11)		(0.19)	(0.17)	(0.25)	(0.15)	
Vitamin	87.20	56.80	49.60	49.25	0.246	55.85	61.35	64.05	42.70	0.717
C(mg)	(107.60)	(44.10)	(49.20)	(48.43)		(123.52)	(57.45)	(54.95)	(66.43)	
Folic	136.75	95.30	78.70	101.25	0.101	93.05	76.15	94.05	100.00	0.905
acid(µg)	(153.60)	(79.00)	(107.60)	(87.48)		(141.05)	(80.43)	(133.35)	(103.00)	
Nicotinic	16.09	13.35	12.91	12.66	0.759	16.41	13.63	15.57	11.62	0.085
acid(mg)	(13.10)	(6.24)	(10.60)	(6.19)		(10.41)	(6.73)	(7.26)	(5.35)	

<sup>b</sup> Values were significantly different from pattern 2 ( $\alpha$  level for statistical significance identified with Bonferroni correction).

<sup>d</sup> Values were significantly different from pattern 4( $\alpha$  level for statistical significance identified with Bonferroni correction).

Significant tests shown in **bold**.

IQR, interquartile range