

Supplemental Table 1: Mean (\pm sd) and median (95% confidence intervals) values for **males** of selected measures of energy intake by socioeconomic and cultural characteristics and region of residence; *p*-values based on t-tests or Anova for differences in mean intakes and Wilcoxon tests for non-normal data.

<i>Variable</i>	<i>Energy kJ/day</i> [‡]	<i>Energy Intake:BMR</i> [Ⓔ]	<i>% Energy from protein</i> [‡]	<i>% Energy from fat</i>	<i>% Energy from carbohydrates</i> [‡]	<i>% Energy from saturated fats</i>	<i>% Energy from high-sugar beverages</i> [§]
<i>Age (years)</i>							
19-30	10409** (6225,13270)	1.41** (0.82,1.96)	15.5** (9.8,21.5)	29.7* (\pm 11.3)	51.4** (\pm 16.9)	9.2** (7.11,12.48)	15.6** (\pm 15.1)
31-50	9677** (6331,13416)	1.31** (0.91,1.79)	20.0** (13.6,27.6)	31.8* (\pm 11.8)	45.1** (\pm 17.2)	10.1** (7.64,13.22)	8.6** (\pm 10.4)
51+	7390** (4932,10147)	1.11** (0.73,1.46)	27.6** (18.8,38.7)	32.9* (\pm 12.3)	36.2** (\pm 15.5)	10.5** (7.84,13.71)	3.8** (\pm 6.38)
<i>Education</i>							
Low ¹	7951** (5047,11031)	1.19 (0.78,1.60)	24.4** (15.6,34.7)	33.7* (\pm 13.6)	38.0* (\pm 17.6)	10.1 (7.52,13.30)	6.1** (\pm 9.05)
High ²	9611** (6312,13276)	1.30 (0.88,1.79)	19.5** (13.0,27.4)	31.1* (\pm 11.1)	46.3* (\pm 17.0)	10.0 (7.77,13.12)	10.1** (\pm 12.7)
<i>Income</i>							
< \$40,000	8817* (5723,12325)	1.25 (0.80,1.73)	21.0 (13.5,29.7)	31.6 (\pm 12.0)	44.5 (\pm 18.1)	9.9 (7.67,13.01)	9.3* (\pm 12.8)
\geq \$40,000	9870* (7095,13191)	1.29 (0.91,1.73)	20.4 (13.7,27.4)	31.8 (\pm 10.7)	44.1 (\pm 15.6)	10.2 (7.77,13.33)	8.8* (\pm 10.3)
<i>Employment</i>							
Employed ³	9570* (6386,13098)	1.28 (0.87,1.73)	19.6** (13.0,27.7)	31.6 (\pm 11.2)	45.2 (\pm 16.0)	10.1 (7.73,13.24)	9.5** (\pm 11.2)
Other	8748* (5669,11921)	1.26 (0.80,1.69)	21.8** (14.7,31.1)	32.2 (\pm 12.2)	42.8 (\pm 18.2)	10.1 (7.80,13.21)	8.1** (\pm 11.9)
<i>Language</i>							
Inuit ⁴	8243* (5127,11988)	1.19 (0.74,1.70)	22.3 (13.9,30.6)	33.3 (\pm 13.6)	40.4** (\pm 19.2)	10.1 (7.65,13.20)	7.4 (\pm 9.51)
Other	9706* (6303,13270)	1.30 (0.85,1.79)	20.4 (14.2,27.4)	32.0 (\pm 10.3)	44.8** (\pm 15.0)	10.5 (8.14,13.54)	8.6 (\pm 13.3)
<i>TF consumption</i>							
Yes ⁵	9403 (6203,13015)	1.32* (0.86,1.79)	26.7** (18.9,35.4)	31.7 (\pm 11.8)	38.4** (\pm 15.7)	9.7* (7.37,12.51)	7.6** (\pm 10.6)
No	8798 (5755,12141)	1.20* (0.78,1.67)	13.9** (9.9,18.7)	31.8 (\pm 12.0)	51.9** (\pm 17.0)	10.4* (8.40,13.49)	11.1** (\pm 13.4)

*significantly different between groups, $p < .05$; **significantly different between groups, $p < .01$; †significantly different between sexes, $p < .05$; ‡significantly different between sexes, $p < .01$; §Transformed nutrients presented as geometric means (interquartile ranges); ¹participants report educational attainment lower than secondary school completion; ²participants report educational attainment as secondary school completion or higher; ³full- or part-time employment at the time of survey; ⁴predominant language spoken at home is an Inuit language or dialect; ⁵TF = traditional food, participants report having consumed TF in the 24-hours prior to survey; ⁶BMR = basal metabolic rate based on self-reported body weight, height, age and sex (15).

Supplemental Table 2: Mean (\pm sd) and median (95% confidence intervals) values for **females** of selected measures of energy intake by socioeconomic and cultural characteristics and region of residence; *p*-values based on t-tests or Anova for differences in mean intakes and Wilcoxon tests for non-normal data.

<i>Variable</i>	<i>Energy kJ/day</i> [‡]	<i>Energy Intake:BMR</i> ⁶	<i>% Energy from protein</i> [‡]	<i>% Energy from fat</i>	<i>% Energy from carbohydrates</i> [‡]	<i>% Energy from saturated fats</i>	<i>% Energy from high-sugar beverages</i> [§]
<i>Age (years)</i>							
19-30	8584** (5909,11519)	1.40** (0.92,1.94)	15.7** (11.0,21.0)	29.6** (\pm 10.7)	53.4** (\pm 14.8)	9.5** (7.03,12.21)	17.1** (\pm 14.5)
31-50	7950** (5658,10381)	1.34** (0.94,1.73)	17.5** (12.5,23.4)	31.8** (\pm 11.4)	48.7** (\pm 15.6)	9.9** (7.59,12.64)	11.2** (\pm 13.0)
51+	6817** (4645,8934)	1.20** (0.82,1.55)	23.6** (15.9,31.6)	32.4** (\pm 12.1)	41.2** (\pm 16.2)	9.8** (7.26,12.52)	4.7** (\pm 7.7)
<i>Education</i>							
Low ¹	6987** (4702,9504)	1.25* (0.86,1.68)	20.8 (13.5,28.3)	31.4 (\pm 12.6)	45.2** (\pm 18.0)	9.3 (6.72,12.01)	8.1** (\pm 11.5)
High ²	8127** (5803,10794)	1.35* (0.93,1.77)	17.4 (12.3,23.4)	31.2 (\pm 10.9)	49.5** (\pm 15.3)	9.8 (7.44,12.70)	12.7** (\pm 13.9)
<i>Income</i>							
< \$40,000	7789 (5277,10372)	1.33 (0.90,1.79)	18.2 (12.3,24.6)	30.7* (\pm 11.3)	49.1* (\pm 16.3)	9.5* (7.03,12.32)	11.9 (\pm 13.5)
\geq \$40,000	8143 (5982,10476)	1.29 (0.93,1.60)	18.5 (13.1,24.2)	32.4* (\pm 11.2)	46.7* (\pm 15.0)	10.3* (7.90,13.23)	9.4 (\pm 11.8)
<i>Employment</i>							
Employed ³	8052** (5636,10443)	1.32 (0.93,1.70)	17.8* (12.7,23.4)	31.7 (\pm 11.1)	48.8 (\pm 15.5)	10.0* (7.59,12.79)	11.4 (\pm 13.0)
Other	7372** (4997,9793)	1.29 (0.87,1.76)	18.9* (12.4,26.1)	31.1 (\pm 11.9)	47.6 (\pm 17.1)	9.45* (6.97,12.10)	11.3 (\pm 13.5)
<i>Language</i>							
Inuit ⁴	7601 (5140,10424)	1.33 (0.94,1.66)	19.8** (13.0,26.3)	30.5* (\pm 11.8)	47.3 (\pm 17.3)	9.1** (7.98,13.29)	10.1 (\pm 12.3)
Other	7996 (5940,10060)	1.30 (0.94,1.66)	17.6** (12.9,23.4)	32.5* (\pm 10.7)	48.0 (\pm 14.2)	10.3** (7.98,13.31)	10.1 (\pm 12.7)
<i>TF consumption</i>							
Yes ⁵	8093** (5472,10929)	1.38** (0.93,1.84)	22.5** (15.9,28.5)	31.5 (\pm 12.2)	43.8** (\pm 16.2)	9.4* (6.99,11.91)	9.5** (\pm 12.0)
No	7446** (5372,9724)	1.24** (0.88,1.61)	13.4** (10.0,17.2)	31.0 (\pm 10.4)	54.2** (\pm 14.3)	10.0* (7.70,13.09)	13.9** (\pm 14.6)

*significantly different between groups, *p* < .05; **significantly different between groups, *p* < .01; †significantly different between sexes, *p* < .05; ‡significantly different between sexes, *p* < .01; §Transformed nutrients presented as geometric means (interquartile ranges); ¹participants report educational attainment lower than secondary school completion; ²participants report educational attainment as secondary school completion or higher; ³full- or part-time employment at the time of survey; ⁴predominant language spoken at home is an Inuit language or dialect; ⁵TF = traditional food, participants report having consumed TF in the 24-hours prior to survey; ⁶BMR = basal metabolic rate based on self-reported body weight, height, age and sex (15).

Supplemental Table 3: Mean (\pm sd) and median (95% confidence intervals) values for **males** of selected diet quality indicators by socioeconomic and cultural characteristics and region of residence; *p*-values based on t-tests or Anova for differences in mean intakes and Wilcoxon tests for non-normal data.

<i>Variable</i>	<i>Fibre g</i>	<i>Cholesterol mg‡</i>	<i>Na:K ratio‡</i>	<i>HEI score‡</i>	<i>% Energy from TF‡§</i>
<i>Age (years)</i>					
19-30	9.46** (4.65,16.11)	307 (102,526)	1.03** (0.66,1.69)	49.3 (\pm 10.5)	11.2** (\pm 17.3)
31-50	7.98** (3.86,12.90)	376 (187,619)	0.92** (0.60,1.43)	49.6 (\pm 11.3)	17.8** (\pm 22.7)
51+	5.19** (2.08,9.42)	359 (170,633)	0.79** (0.47,1.24)	51.2 (\pm 12.1)	29.3** (\pm 26.2)
<i>Education</i>					
Low ¹	5.04** (1.80,2.96)	351 (179,634)	0.80** (0.48,1.21)	48.7 (\pm 11.4)	28.7** (\pm 13.6)
High ²	8.39** (3.91,14.13)	358 (167,606)	0.97** (0.60,1.54)	50.2 (\pm 11.5)	15.9** (\pm 20.7)
<i>Income</i>					
< \$40,000	6.87** (2.93,12.09)	341 (150,600)	0.90* (0.53,1.41)	49.6 (\pm 11.2)	20.3 (\pm 24.5)
\geq \$40,000	9.04** (4.68,14.28)	380 (202,609)	1.01* (0.66,1.54)	51.1 (\pm 11.9)	16.2 (\pm 19.9)
<i>Employment</i>					
Employed ³	8.59** (4.00,14.32)	343 (179,575)	0.97* (0.61,1.58)	49.9 (\pm 11.2)	16.4** (\pm 21.6)
Other	6.51** (2.82,11.13)	354 (156,608)	0.88* (0.48,1.32)	50.0 (\pm 11.6)	21.7** (\pm 24.4)
<i>Language</i>					
Inuit ⁴	5.24** (1.82,9.74)	337 (161,593)	0.79** (0.45,1.31)	47.7** (\pm 11.6)	24.9** (\pm 28.4)
Other	9.69** (5.03,17.01)	382 (196,607)	1.06** (0.67,1.63)	50.9** (\pm 12.2)	15.0** (\pm 19.3)
<i>TF consumption</i>					
Yes ⁵	6.28** (2.59,11.11)	421** (209,670)	0.78** (0.47,1.18)	50.4 (\pm 11.1)	- -
No	9.15** (4.65,15.12)	275** (112,512)	1.14** (0.79,1.79)	49.2 (\pm 11.9)	- -

*significantly different between groups, *p* < .05; **significantly different between groups, *p* < .01; †significantly different between sexes, *p* < .05; ‡significantly different between sexes, *p* < .01; §Transformed nutrients presented as geometric means (interquartile ranges); ¹participants report educational attainment lower than secondary school completion; ²participants report educational attainment as secondary school completion or higher; ³full- or part-time employment at the time of survey; ⁴predominant language spoken at home is an Inuit language or dialect; ⁵TF = traditional food, participants report having consumed TF in the 24-hours prior to survey

Supplemental Table 4: Mean (\pm sd) and median (95% confidence intervals) values for **females** of selected diet quality indicators by socioeconomic and cultural characteristics and region of residence; *p*-values based on t-tests or Anova for differences in mean intakes and Wilcoxon tests for non-normal data.

<i>Variable</i>	<i>Fibre g</i>	<i>Cholesterol mg‡</i>	<i>Na:K ratio‡</i>	<i>HEI score‡</i>	<i>% Energy from TF‡§</i>
<i>Age (years)</i>					
19-30	9.64** (5.23,14.21)	244 (107,421)	1.22** (0.77,1.81)	55.2 (\pm 11.6)	8.0** (\pm 13.6)
31-50	7.86** (4.32,11.89)	277 (131,476)	0.97** (0.58,1.47)	54.0 (\pm 12.2)	13.5** (\pm 18.7)
51+	6.43** (3.03,10.42)	256 (123,438)	0.85** (0.49,1.29)	58.4 (\pm 13.3)	26.6** (\pm 24.1)
<i>Education</i>					
Low ¹	6.10** (3.14,9.56)	252 (126,454)	0.92* (0.52,1.43)	55.2 (\pm 13.0)	23.2** (\pm 23.8)
High ²	8.71** (4.76,12.9)	261 (119,447)	1.03* (0.63,1.58)	55.6 (\pm 12.3)	12.1** (\pm 17.7)
<i>Income</i>					
< \$40,000	7.77** (4.06,12.03)	257 (115,456)	0.98 (0.58,1.55)	55.2 (\pm 12.4)	14.9 (\pm 20.1)
\geq \$40,000	9.37** (5.70,13.31)	271 (140,437)	1.01 (0.60,1.49)	56.8 (\pm 12.4)	13.0 (\pm 19.0)
<i>Employment</i>					
Employed ³	8.69** (4.95,12.68)	265 (128,442)	1.02 (0.63,1.53)	55.8 (\pm 12.5)	12.3** (\pm 17.7)
Other	7.09** (3.57,11.67)	249 (108,464)	1.00 (0.57,1.63)	54.5 (\pm 12.4)	17.6** (\pm 22.2)
<i>Language</i>					
Inuit ⁴	6.84** (3.65,10.69)	256 (125,468)	0.89** (0.53,1.29)	55.8 (\pm 12.5)	20.9** (\pm 22.1)
Other	9.49** (5.70,13.34)	277 (131,470)	1.07** (0.65,1.66)	56.4 (\pm 12.7)	10.1** (\pm 16.4)
<i>TF consumption</i>					
Yes ⁵	7.38** (3.62,11.88)	297 (91,403)	0.90** (0.53,1.32)	56.6** (\pm 12.8)	- -
No	8.74** (5.09,12.60)	213 (150,493)	1.15** (0.68,1.78)	53.9** (\pm 11.9)	- -

*significantly different between groups, *p* < .05; **significantly different between groups, *p* < .01; †significantly different between sexes, *p* < .05; ‡significantly different between sexes, *p* < .01; §Transformed nutrients presented as geometric means (interquartile ranges); ¹participants report educational attainment lower than secondary school completion; ²participants report educational attainment as secondary school completion or higher; ³full- or part-time employment at the time of survey; ⁴predominant language spoken at home is an Inuit language or dialect; ⁵TF = traditional food, participants report having consumed traditional food in the 24-hours prior to survey