Supplementary Table 1: Multi-level multinomial logistic regression model for the association between family income, neighbourhood income, neighbourhood deprivation and underweight, overweight, and obesity categories compared to normal weight in children aged 0-12 years

	Girls (adjusted for child age, sex, number of family members, maternal ethnicity and income variables*) OR (95% CI)			Boys (adjusted for child age, sex, number of family members, maternal ethnicity and income variables*) OR (95% CI)		
Exposure variable	Underweight (zBMI<-2)	Overweight (1<zBMI ≤2)	Obesity (zBMI>2)	Underweight (zBMI<-2)	Overweight (1<zBMI ≤2)	Obesity (zBMI>2)
Family income (CDN$)						
Q1 (<$70,244)	1.11 (0.57-2.16)	1.15 (0.74-1.79)	4.98 (1.84-13.49)	0.46 (0.22-0.95)	1.27 (0.84-1.93)	4.15 (2.00-8.63)
Q2 ($70,244-116,236)	0.67 (0.32-1.38)	0.94 (0.62-1.43)	3.06 (1.13-8.32)	0.91 (0.50-1.68)	1.19 (0.82-1.71)	2.50 (1.22-5.10)
Q3 ($116,237-163,081)	1.19 (0.63-2.25)	1.18 (0.80-1.74)	2.82 (1.04-7.64)	1.00 (0.55-1.84)	1.02 (0.70-1.48)	2.10 (1.01-4.37)
Q4 ($163,082-221,438)	0.88 (0.44-1.76)	0.95 (0.64-1.40)	2.62 (0.98-7.04)	0.72 (0.38-1.39)	0.94 (0.65-1.36)	1.28 (0.59-2.79)
Q5 (>$221,438)	1.00	1.00	1.00	1.00	1.00	1.00
Neighbourhood level income (CDN$)						
Q1 (<$62,336)	1.01 (0.48-2.13)	0.73 (0.47-1.13)	1.00 (0.44-2.30)	1.89 (0.95-3.77)	1.00 (0.67-1.48)	1.72 (0.88-3.33)
Q2 ($62,336-80,383)	1.47 (0.74-2.94)	0.75 (0.50-1.13)	0.93 (0.42-2.06)	1.90 (0.97-3.71)	0.95 (0.65-1.40)	0.86 (0.42-1.78)
Q3 ($80,384-96,109)	0.77 (0.36-1.68)	0.86 (0.57-1.28)	0.75 (0.32-1.77)	1.22 (0.60-2.47)	0.76 (0.51-1.11)	1.22 (0.62-2.39)
Q4 ($96,110-116,607)	1.67 (0.85-3.30)	0.90 (0.60-1.34)	0.82 (0.36-1.88)	1.41 (0.71-2.80)	1.00 (0.70-1.44)	1.37 (0.71-2.65)
Q5 (>$116,607)	1.00	1.00	1.00	1.00	1.00	1.00
Neighbourhood deprivation (quintiles)						
Q1 (most deprived)	1.05 (0.52-2.14)	0.90 (0.56-1.46)	1.52 (0.69-3.31)	1.29 (0.62-2.66)	1.73 (1.16-2.59)	1.64 (0.86-3.11)
Q2	1.24 (0.63-2.42)	0.89 (0.58-1.39)	0.92 (0.40-1.73)	1.31 (0.48-2.55)	1.29 (0.88-1.90)	1.57 (0.86-2.88)
Q3	1.32 (0.71-2.46)	1.20 (0.83-1.73)	1.04 (0.49-2.20)	1.29 (0.68-2.40)	1.01 (0.70-1.45)	1.01 (0.55-1.87)
Q4	1.56 (0.86-2.82)	1.02 (0.71-1.46)	0.75 (0.34-1.65)	1.77 (1.03-3.03)	1.16 (0.84-1.60)	0.90 (0.49-1.65)
Q5 (least deprived)	1.00	1.00	1.00	1.00	1.00	1.00

OR= Odds ratio, CI= Confidence interval, CDN$= Canadian dollars. p-values for the interactions were: child sex*family income p=0.59; child sex*neighbourhood income p=0.69; and child sex*neighbourhood deprivation p=0.56.
*The model for family income was adjusted for the above-named variables plus neighbourhood income; The models for neighbourhood income and deprivation were each adjusted for the above-named variables and family income.