

Table 4: Multinomial logistic regression by SES in data set with imputation

Independent variables	Dependent variable = obesity status of students. normal weight is the reference group					
	Lower SES		Medium SES		Higher SES	
	overweight	obese	overweight	obese	overweight	obese
	OR	OR	OR	OR	OR	OR
<b>Gender of Students</b>						
Girls	1.0	1.0	1.0	1.0	1.0	1.0
Boys	1.06 (0.78-1.45)	1.73*** (1.20-2.49)	0.84 (0.57-1.23)	1.96*** (1.26-3.05)	1.05 (0.54-2.05)	3.04*** (1.43-6.46)
<b>Educational status (mothers)</b>						
					125	
Primary or less	1.0	1.0	1.0	1.0	1.0	1.0
Secondary (lower)	1.89*** (1.22-2.93)	2.66*** (1.61-4.41)	1.26 (0.61-2.58)	1.26 (0.46-3.47)	0.71 (0.11-4.41)	0.28 (0.02-4.81)
Secondary (upper)	1.59** (1.09-2.34)	1.82** (1.12-2.95)	1.99** (1.16-3.43)	2.58*** (1.40-4.77)	1.59 (0.36-7.03)	1.87 (0.31-11.14)
Tertiary	0.88 (0.38-2.04)	2.66** (1.13-6.28)	1.98** (1.07-3.66)	1.90* (0.94-3.86)	0.37 (0.08-1.64)	0.58 (0.10-3.38)
<b>Employment status - paid job (mothers)</b>						
					79	
Not employed	1.0	1.0	1.0	1.0	1.0	1.0
Employed	1.17 (0.75-1.82)	1.44 (0.83-2.52)	0.70 (0.41-1.19)	1.79** (1.02-3.14)	0.98 (0.43-2.22)	1.68 (0.68-4.13)
<b>Parental obesity status</b>						
					95	
Both non-overweight/obese	1.0	1.0	1.0	1.0	1.0	1.0
Only father overweight/obese	1.48 (0.84-2.62)	1.51 (0.74-3.10)	1.66 (0.85-3.25)	2.77** (1.11-6.93)	0.78* (0.29-2.08)	1.91* (0.77-7.82)
Only mother overweight/obese	1.35 (0.68-2.70)	2.01* (0.91-4.43)	1.96 (0.86-4.49)	2.55 (0.80-8.17)		
Both overweight/obese	2.30*** (1.36-3.91)	2.64*** (1.37-5.05)	1.94* (1.00-3.75)	5.76*** (2.35-14.14)	1.57 (0.59-4.22)	6.26** (1.50-26.15)
<b>Intercept (beta)</b>	-1.94***	-2.93***	-1.83***	-3.73***	-0.31	-2.76**
<b>Pseudo R Square</b>	0.070		0.116		0.225	

\*P &lt; 0.10, \*\*P &lt; 0.05, \*\*\*P &lt; 0.01, \*Two categories were merged to overcome multi-collinearity.