

Table 2: Estimated regression coefficients and relative risk (95% CIs) of the associations between number of modifiable risk factors (paternal overweight, excessive GWG, BF < 4 months, raised glucose during pregnancy and early introduction of solid foods) with child adiposity and overweight/obesity risk at 48 months, independent of maternal pre-pregnancy BMI.

Number of risk factors	BMI ¹		SG BMI z-score ^{2,3}		WHO BMI z-score ^{2,4}	
	B (95% CI)	P value	B (95% CI)	P value	B (95% CI)	P value
0	ref	-	ref	-	ref	-
1	0.14 (-0.05, 0.33)	0.15	0.14 (-0.02, 0.31)	0.11	0.19 (-0.05, 0.43)	0.12
2	0.28 (0.08, 0.48)	0.01	0.27 (0.09, 0.44)	0.002	0.42 (0.17, 0.66)	0.001
3	0.39 (0.14, 0.65)	0.003	0.34 (0.11, 0.56)	0.003	0.43 (0.12, 0.74)	0.01
≥ 4	0.45 (0.01, 0.89)	0.04	0.38 (0.001, 0.76)	0.05	0.67 (0.04, 1.30)	0.04
β-trend	0.14 (0.06, 0.23)	<0.001	0.13 (0.05, 0.20)	0.001	0.17 (0.07, 0.28)	0.001
Number of risk factors	WHtR ¹		SSF ¹		FMI ^{1,5}	
	B (95% CI)	P value	B (95% CI)	P value	B (95% CI)	P value
0	ref	-	ref	-	ref	-
1	0.12 (-0.08, 0.33)	0.22	0.08 (-0.12, 0.28)	0.45	0.19 (-0.18, 0.56)	0.31
2	0.27 (0.06, 0.48)	0.01	0.18 (-0.03, 0.39)	0.09	0.38 (0.04, 0.73)	0.03
3	0.31 (0.05, 0.58)	0.02	0.38 (0.11, 0.65)	0.01	0.52 (0.04, 1.00)	0.04
≥ 4	0.73 (0.20, 1.26)	0.01	0.37 (-0.11, 0.85)	0.13	0.75 (-0.10, 1.51)	0.05
β-trend	0.13 (0.05, 0.22)	0.002	0.08 (0.00, 0.16)	0.05	0.16 (0.02, 0.29)	0.02
Number of risk factors	Overweight by Singapore reference ²		Overweight by IOTF reference ²		Overweight by WHO reference ²	
	Relative risk (95% CI)	p value	Relative risk (95% CI)	p value	Relative risk (95% CI)	p value
0	ref	-	ref	-	ref	-
1	1.62 (0.73-3.59)	0.23	2.46 (0.74-8.21)	0.14	4.24 (0.56-32.31)	0.16
2	2.53 (1.15-5.56)	0.02	4.40 (1.34-14.45)	0.02	7.01 (1.00-51.70)	0.05
3	2.49 (1.07-5.84)	0.04	4.83 (1.42-16.42)	0.01	8.62 (1.15-64.48)	0.03
≥ 4	2.92 (1.09-7.87)	0.03	5.48 (1.44-20.89)	0.01	5.21 (0.58-47.15)	0.14
β-trend	1.31 (1.04, 1.63)	0.02	1.43 (1.09, 1.90)	0.01	1.36 (1.06, 1.76)	0.02

¹ Adjusted for maternal pre-pregnancy BMI, education level, height, parity, child sex, daily physical activity level, total energy intake, ethnicity and actual age at measurement

² Adjusted for maternal pre-pregnancy BMI, education level, height, parity, child daily physical activity level, total energy intake and ethnicity

³ BMI z-score calculated using local Singapore reference

⁴ BMI z-score calculated using WHO reference

⁵ FMI measured in a subset of infants (n=274)