

**Supplementary Table 1:** Criteria for children aged 6-12 years to screen overweight and obesity

Age (years)	Boys		Girls	
	Overweight (kg/m <sup>2</sup> )	Obesity (kg/m <sup>2</sup> )	Overweight (kg/m <sup>2</sup> )	Obesity (kg/m <sup>2</sup> )
6.0~	16.4	17.7	16.2	17.5
6.5~	16.7	18.1	16.5	18
7.0~	17	18.7	16.8	18.5
7.5~	17.4	19.2	17.2	19
8.0~	17.8	19.7	17.6	19.4
8.5~	18.1	20.3	18.1	19.9
9.0~	18.5	20.8	18.5	20.4
9.5~	18.9	21.4	19	21
10.0~	19.2	21.9	19.5	21.5
10.5~	19.6	22.5	20	22.1
11.0~	19.9	23	20.5	22.7
11.5~	20.3	23.6	21.1	23.3
12.0~	20.7	24.1	21.5	23.9

**Supplementary Table 2:** Model fitting index for different models

	$\chi^2/df$	RMSEA	GFI	CFI	IFI	TLI	AGFI
<b>Model 1</b>	9.294	0.090	0.956	0.934	0.935	0.892	0.910
<b>Model 2</b>	6.092	0.071	0.981	0.976	0.976	0.955	0.953
<b>Model 3</b>	2.478	0.038	0.984	0.985	0.985	0.973	0.966