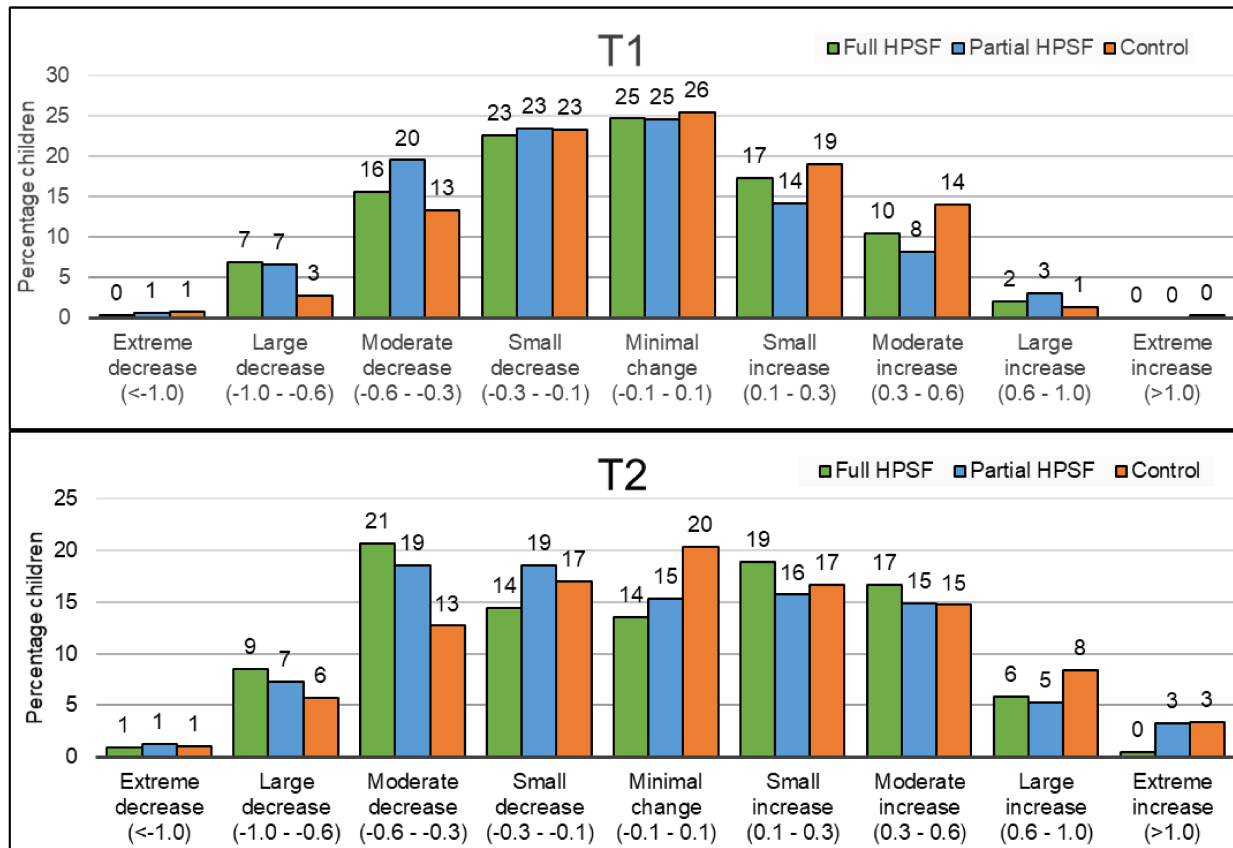


## Supplementary file 1



**Figure S1. Graphical presentation of individual changes in BMI z-scores at one year (T1) and two years' (T2) follow-up compared with baseline**

Table S1. Potential effect-modifiers of the intervention effects on children's BMI z-score <sup>a</sup>

N <sup>b</sup>	Full HPSF vs. control			Partial HPSF vs. control			Full HPSF vs. Partial HPSF			
	B (95% C.I.)	p	ES	B (95% C.I.)	p	ES	B (95% C.I.)	p	ES	
<b>AFTER ONE-YEAR FOLLOW-UP (T1)</b>										
<b>Gender</b>										
Interaction-term			.73			.70			.47	
- Boys	794	-0.046 (-0.11 - 0.02)	.18	-.05	-0.041 (-0.11 - 0.03)	.22	-.04	-0.005 (-0.08 - 0.07)	.89	-.01
- Girls	882	-0.030 (-0.10 - 0.04)	.38	-.03	-0.060 (-0.12 - 0.00)	.07	-.06	0.029 (-0.04 - 0.10)	.39	.03
<b>Study year</b>										
Interaction-term			.60			.63			.98	
- 1-4	970	-0.027 (-0.09 - 0.04)	.43	-.03	-0.039 (-0.10 - 0.02)	.23	-.04	0.011 (-0.05 - 0.08)	.73	.01
- 5-8	706	-0.052 (-0.12 - 0.02)	.15	-.05	-0.062 (-0.13 - 0.01)	.07	-.06	0.010 (-0.07 - 0.09)	.79	.01
<b>SES</b>										
Interaction-term <sup>c</sup>			≥.35			≥.71			≥.42	
- Low	364	-0.058 (-0.15 - 0.03)	.19	-.06	-0.056 (-0.14 - 0.03)	.19	-.06	-0.002 (-0.10 - 0.10)	.96	.00
- Middle	380	-0.005 (-0.09 - 0.08)	.91	.00	-0.050 (-0.13 - 0.03)	.24	-.05	0.046 (-0.04 - 0.13)	.29	.05
- High	373	-0.036 (-0.12 - 0.05)	.39	-.04	-0.034 (-0.12 - 0.05)	.42	-.03	-0.003 (-0.09 - 0.08)	.95	.00
<b>Weight status at baseline</b>										
Interaction-term			.90			.32			.30	
- Non-overweight	888	-0.039 (-0.10 - 0.02)	.17	-.05	-0.039 (-0.09 - 0.01)	.12	-.05	0.000 (-0.06 - 0.06)	.99	.00
- Overweight	221	-0.032 (-0.14 - 0.08)	.58	-.04	-0.100 (-0.21 - 0.01)	.07	-.14	0.069 (-0.05 - 0.18)	.24	.09
<b>AFTER TWO-YEAR FOLLOW-UP (T2)</b>										
<b>Gender</b>										
Interaction-term			.57			.94			.54	
- Boys	794	-0.101 (-0.19 - -0.01)	.03	-.10	-0.063 (-0.15 - 0.03)	.18	-.06	-0.038 (-0.13 - 0.06)	.43	-.04
- Girls	882	-0.066 (-0.15 - 0.02)	.13	-.07	-0.068 (-0.16 - 0.02)	.13	-.07	0.002 (-0.09 - 0.10)	.97	.00
<b>Study year</b>										
Interaction-term			.18			.75			.33	
- 1-4	970	-0.046 (-0.13 - 0.04)	.29	-.05	-0.052 (-0.13 - 0.03)	.21	-.05	0.006 (-0.08 - 0.09)	.89	.01
- 5-8	706	-0.130 (-0.23 - -0.03)	<b>&lt;.01</b>	-.13	-0.072 (-0.17 - 0.03)	.16	-.07	-0.058 (-0.16 - 0.05)	.27	-.06
<b>SES</b>										
Interaction-term <sup>c</sup>			≥.52			≥.85			≥.64	
- Low	364	-0.103 (-0.22 - 0.02)	.10	-.10	-0.067 (-0.18 - 0.05)	.24	-.07	-0.036 (-0.16 - 0.09)	.58	-.04
- Middle	380	-0.049 (-0.16 - 0.06)	.39	-.05	-0.056 (-0.18 - 0.06)	.35	-.06	0.007 (-0.11 - 0.13)	.91	.01
- High	373	-0.063 (-0.18 - 0.05)	.28	-.06	-0.051 (-0.16 - 0.06)	.38	-.05	-0.012 (-0.12 - 0.10)	.84	-.01
<b>Weight status at baseline</b>										
Interaction-term			.82			.92			.90	
- Non-overweight	888	-0.088 (-0.16 - -0.02)	.02	-.12	-0.069 (-0.14 - 0.00)	.06	-.09	-0.019 (-0.09 - 0.06)	.61	-.03
- Overweight	221	-0.069 (-0.22 - -0.08)	.36	-.09	-0.061 (-0.20 - 0.08)	.40	-.08	-0.008 (-0.17 - 0.15)	.92	-.01

<sup>a</sup> Adjusted for baseline, gender, study year at T0, SES, and ethnicity.

<sup>b</sup> Observed N per subgroup. Missing data were due to: later participation in the study, incomplete parent questionnaire, no measurement of height/weight, or drop-out during the study.

<sup>c</sup> Pair-wise comparisons:

T1, Full HPSF vs. Control: low vs. middle (p=.35), low vs. high (p=.71), middle vs. high (p=.58).

T1, Partial HPSF vs. Control: low vs. middle (p=.93), low vs. high (p=.71), middle vs. high (p=.79).

T1, Full HPSF vs. Partial HPSF: low vs. middle (p=.48), low vs. high (p=1.00), middle vs. high (p=.42).

T2, Full HPSF vs. Control: low vs. middle (p=.52), low vs. high (p=.64), middle vs. high (p=.87).

T2, Partial HPSF vs. Control: low vs. middle (p=.90), low vs. high (p=.85), middle vs. high (p=.95).

T2, Full HPSF vs. Partial HPSF: low vs. middle (p=.64), low vs. high (p=.78), middle vs. high (p=.81).

Bold p-value = significant difference (interaction term: p ≤ .10; subgroups: p ≤ .05)

Abbreviations: C.I. = Confidence Interval; ES = Effect Size; p = p-value; SES = Socio-Economic Status.