

Supplementary material

Suppl. Table 1. Number of questionnaires completed (to the degree that a score could be formed) at baseline and 2-years for children and parents in this study.

	Children (n=90 baseline, n=64 2-year)				Parents (n=89 baseline, n=64 2-year)			
	Baseline		2 years		Baseline		2 years	
	Summer-camp	Lifestyle-school	Summer-camp	Lifestyle-school	Summer-camp	Lifestyle-school	Summer-camp	Lifestyle-school
<i>Child self-report, KINDL</i>					<i>Parent-proxy report, KINDL</i>			
Total	45 (1 m)*	43 (1m)*	37	26	45 (1m)*	43 (1m)*	36	24
Physical	45	43	37	27	45	42	36	24
Emotional	45	43	37	27	45	42	36	24
Self-esteem	45	43	37	27	44	43	36	24
Family	45	43	37	26	45	43	36	23
Friends	45	43	37	26	44	43	36	24
School	45	43	37	26	44	43	36	24
Adiposity specific	43	44	36	27	43	42	37	27
<i>Parent self-report</i>								
Physical dimension (SF-36)					30	29	25	19
Mental dimension (SF-36)					30	29	25	19
Emotional dimension (OWLQOL)					43	39	36	22
Number of symptoms (WRSM)					45	39	36	21
Symptom distress (WRSM)					43	39	32	17

*(n)m; n=number of m(issing) data.

Suppl. Table 2. Between-group differences in HRQoL of children and parents from baseline to 2-year follow-up, no replacement of missing values.

Outcome	Mean difference	P group	Effect size Cohen`s d
<i>Child self-report, KINDL</i>			
Total HRQoL	2.0 (-2.0, 6.2)	0.33	0.19
Physical	4.7 (-1.2, 10.6)	0.11	0.28
Emotional	1.5 (-3.9, 6.9)	0.58	0.09
Self-esteem	-2.3 (-8.8, 4.2)	0.48	0.13
Friends	4.3 (-2.0, 10.5)	0.18	0.26
Family	-0.8 (-6.1, 4.6)	0.78	0.01
School	3.9 (-1.9, 9.6)	0.19	0.25
Adiposity specific	7.3 (1.5, 13.2)	0.015*	0.45*
<i>Parent-proxy report, KINDL</i>			
Total HRQoL	3.5 (-0.8, 7.8)	0.11	0.29
Physical	4.3 (-2.3, 11.0)	0.20	0.25
Emotional	3.4 (-2.5, 9.4)	0.25	0.20
Self-esteem	-1.5 (-6.5, 3.6)	0.56	0.08
Friends	4.0 (-2.3, 10.3)	0.21	0.24
Family	0.2 (-5.5, 5.9)	0.94	0.01
School	4.3 (-0.4, 9.1)	0.07	0.31
Adiposity specific	9.0 (3.0, 15.0)	0.004*	0.55*
<i>Parent self-report</i>			
Physical dimension (SF-36)	3.9 (0.5, 7.2)	0.023*	0.46
Mental dimension (SF-36)	3.1 (0.2, 6.1)	0.039*	0.39
Emotional dimension (OWLQOL)	7.4 (-1.3, 16.0)	0.09	0.32
Number of symptoms (WRSM)	-0.2 (-1.6, 1.2)	0.78	0.04
Symptom distress (WRSM)	-6.3 (-14.2, 1.7)	0.12	0.28

Results are presented as estimated mean difference between the treatment groups (linear mixed model) with 95% confidence interval, effect size is presented by Cohen`s d.

Suppl. table 3. Reliability of scales in the questionnaires in this study measured by Cronbach's alpha coefficients.

Questionnaire	Scale or subscale	Cronbach's alpha
KINDL – child self-report	Total	0.82
	Physical well-being	0.52
	Emotional well-being	0.61
	Self-esteem	0.69
	Family	0.55
	Friends	0.61
	School	0.41
KINDL – parent-proxy report	Total	0.89
	Physical well-being	0.68
	Emotional well-being	0.79
	Self-esteem	0.83
	Family	0.73
	Friends	0.73
	School	0.43
KINDL adiposity module – child self-report	Adiposity specific	0.81
KINDL adiposity module – parent-proxy report	Adiposity specific	0.88
SF-36	Physical dimension (summary factor)	0.89
	Mental dimension (summary factor)	0.91
OWLQOL	Total	0.95
WRSM	Number of symptoms	0.83
	Symptom distress	0.90