

## Supplementary file S3 - Overview of meta-analyses

Parameter		Primary meta-analyses (longest follow-up time per study)			Secondary meta-analyses						
					Short-term effects (≤ 6 months of follow up time)			Long-term effects (≥ 5 years of follow up time)			
		Overall	Stratified by cohort age			Overall	Stratified by cohort age		Overall	Stratified by cohort age	
			< 12	12-18	> 18		< 12	12-18		< 12	12-18
Weight	Within-subject	<i>p</i> = 0.61	<i>p</i> = 0.08 (2)	<i>p</i> = 0.39 (1)	<i>p</i> = 0.58	<i>p</i> = 0.58 (2)		<i>p</i> = 0.50	<i>p</i> = 0.97 (1)	<i>p</i> = 0.39 (1)	
	Between-subject	<i>p</i> = 0.95	<i>p</i> = 0.33 (2)	<i>p</i> = 0.27 (1)	<b><i>p</i> = 0.01</b>	<b><i>p</i> = 0.01 (2)</b>		<i>p</i> = 0.32	<i>p</i> = 0.83 (1)	<i>p</i> = 0.27 (1)	
BMI	Within-subject	<i>p</i> = 0.82	<i>p</i> = 0.97 (2)	<i>p</i> = 0.71 (1)	<i>p</i> = 0.69	<i>p</i> = 0.69 (3)		<i>p</i> = 0.85	<i>p</i> = 0.83 (1)	<i>p</i> = 0.71 (1)	
	Between-subject	<b><i>p</i> = 0.02</b>	<b><i>p</i> = 0.02 (2)</b>	<i>p</i> = 0.57 (1)	<i>p</i> = 0.38	<i>p</i> = 0.38 (2)		<i>p</i> = 0.47	<i>p</i> = 0.65 (1)	<i>p</i> = 0.57 (1)	
Height	Within-subject	<i>p</i> = 0.80	<i>p</i> = 0.91 (3)	<i>p</i> = 0.72 (1)	<i>p</i> = 0.84	<i>p</i> = 0.84 (3)		<i>p</i> = 0.58	<i>p</i> = 0.66 (1)	<i>p</i> = 0.72 (1)	
	Between-subject	<i>p</i> = 0.43	<i>p</i> = 0.43 (2)	<i>p</i> = 0.86 (1)	<i>p</i> = 0.57	<i>p</i> = 0.57 (2)		<i>p</i> = 0.85	<i>p</i> = 0.92 (1)	<i>p</i> = 0.86 (1)	
Growth velocity	Within-subject	<i>p</i> = 0.20	<i>p</i> = 0.42 (2)	<i>p</i> = 0.25 (1)	<i>p</i> = 0.49	<i>p</i> = 0.49 (2)		<i>p</i> = 0.06	<i>p</i> = 0.13 (1)	<i>p</i> = 0.25 (1)	
	Between-subject	<i>p</i> = 0.73	<i>p</i> = 0.96 (2)	<i>p</i> = 0.40 (1)	<i>p</i> = 0.77	<i>p</i> = 0.77 (2)		<i>p</i> = 0.64	<i>p</i> = 0.93 (1)	<i>p</i> = 0.40 (1)	
Albumin	Within-subject	<i>p</i> = 0.40	<i>p</i> = 0.58 (2)	<i>p</i> = 0.65 (1)							
Cholesterol	Within-subject	<b><i>p</i> = 0.01</b>	<i>p</i> = 0.52 (1)	<b><i>p</i> = 0.01 (1)</b>							
Haemoglobin	Within-subject	<i>p</i> = 0.11	<i>p</i> = 0.27 (1)	<i>p</i> = 0.22 (1)							
HR-QoL (patient-report)	Within-subject	<i>p</i> = 0.86	<i>p</i> = 0.97 (1)	<i>p</i> = 0.83 (2)	<i>p</i> = 0.83	<i>p</i> = 0.97 (1)	<i>p</i> = 0.82 (1)				
	Between-subject	<i>p</i> = 0.92	<i>p</i> = 0.68 (1)	<i>p</i> = 0.92 (2)	<i>p</i> = 0.95	<i>p</i> = 0.68 (1)	<i>p</i> = 0.75 (1)				
HR-QoL (proxy-report)	Within-subject	<i>p</i> = 0.14	<i>p</i> = 0.78 (2)	<i>p</i> = 0.09 (1)	<i>p</i> = 0.15						
	Between-subject	<i>p</i> = 0.22	<i>p</i> = 0.38 (2)	<i>p</i> = 0.40 (1)	<i>p</i> = 0.32						

**Table S3.1.** Overview of all meta-analyses performed in this systematic review. Results are given as  $p$ -values (number of cohorts). Stratifications were made according to mean cohort age in years. BMI, body mass index. HR-QoL, health-related quality of life. IQ, intelligent quotient.