

Supplementary Table 4. Relative birth weight and conditional growth in weight explaining spine (L2-L4) bone area, bone mineral content (BMC), and areal bone mineral density (aBMD) in early old age in a subgroup of women (n=178) from the Helsinki Birth Cohort Study

	Model 1			Model 2		
	B	95% CI	p	B	95% CI	p
Bone area, cm²						
Birth	-0.207	-0.79;0.38	0.487	-0.302	-0.87;0.26	0.293
0 to 2 years	-0.306	-0.89;0.28	0.303	-0.409	-0.97;0.16	0.154
2 to 7 years	-0.206	-0.8;0.39	0.494	-0.366	-0.94;0.21	0.21
7 to 11 years	-0.101	-0.69;0.49	0.734	-0.243	-0.81;0.33	0.4
Early old age				1.102	0.52;1.69	>0.001
BMC, g						
Birth	0.315	-1.39;2.02	0.715	0.009	-1.61;1.63	0.991
0 to 2 years	-0.271	-1.97;1.43	0.753	-0.602	-2.22;1.02	0.464
2 to 7 years	0.228	-1.49;1.95	0.794	-0.288	-1.94;1.36	0.731
7 to 11 years	0.282	-1.42;1.99	0.744	-0.174	-1.8;1.46	0.834
Early old age				3.542	1.87;5.22	>0.001
aBMD, g/cm²						
Birth	0.012	-0.02;0.04	0.42	0.008	-0.02;0.04	0.594
0 to 2 years	0.001	-0.03;0.03	0.929	-0.003	-0.03;0.03	0.816
2 to 7 years	0.011	-0.02;0.04	0.474	0.004	-0.03;0.03	0.811
7 to 11 years	0.01	-0.02;0.04	0.531	0.003	-0.03;0.03	0.841
Early old age				0.052	0.02;0.08	0.001

B, unstandardized regression coefficient. B describes increase in the outcome variable per 1-SD greater growth.

Both models are adjusted for length of gestation, age, years since menopause, childhood and adulthood socio-economic status, alcohol intake, smoking, exercise, and estrogen replacement therapy.

Model 1 excludes and Model 2 includes body size at early old age.