

Table S1 Hierarchical multiple regression analysis of skeletal maturation and size on balancing backwards.

Variable	Balancing backwards [‡]											
	11 years			12 years			13 years			14 years		
	<i>B</i>	<i>SE B</i>	β	<i>B</i>	<i>SE B</i>	β	<i>B</i>	<i>SE B</i>	β	<i>B</i>	<i>SE B</i>	β
Boys		(n = 84)			(n = 75)			(n = 67)			(n = 58)	
Stature	0.518	1.975	0.043	-4.357	2.138	-0.408*	0.016	2.056	0.002	2.212	1.634	0.259
Body mass [†]	-7.466	1.784	-0.617***	-0.443	1.987	-0.042	-0.825	1.922	-0.081	-1.421	1.947	-0.166
Stature $\times$ BM	2.350	1.761	0.217	-2.061	1.589	-0.264	0.453	1.847	0.043	2.797	1.642	0.349
SAsr $\times$ ST	-1.121	1.733	-0.095	1.594	2.467	0.132	1.043	2.086	0.083	(a)	(a)	(a)
SAsr $\times$ BM	-2.276	1.823	-0.177	0.703	1.932	0.069	-1.085	2.408	-0.087	-2.115	1.547	-0.261
SAsr $\times$ ST $\times$ BM	1.579	1.377	0.210	0.745	1.304	0.126	-2.152	2.365	-0.223	(a)	(a)	(a)
SAsr	-0.250	1.580	-0.021	-1.027	1.497	-0.096	1.815	1.895	0.177	-0.801	1.598	-0.094
R^2		0.276**			0.174			0.044			0.152	
ΔR^2		0.000			0.006			0.015			0.004	
Girls		(n = 97)			(n = 89)			(n = 73)			(n = 70)	
Stature	-1.831	1.626	-0.149	0.646	1.566	0.062	-0.317	2.052	-0.031	0.334	1.727	0.031
Body mass [†]	-4.299	1.608	-0.350**	-3.823	1.594	-0.364*	-0.211	1.957	-0.021	-1.849	1.690	-0.173
Stature $\times$ BM	-1.812	1.281	-0.172	-0.215	1.171	-0.022	0.686	1.919	0.065	2.419	1.341	0.280
SAsr $\times$ ST	0.697	1.588	0.067	-2.177	1.591	-0.204	-0.383	2.741	-0.026	-2.414	1.837	-0.246
SAsr $\times$ BM	0.552	1.619	0.052	1.187	1.393	0.118	0.898	1.689	0.090	-1.472	1.630	-0.157
SAsr $\times$ ST $\times$ BM	(a)	(a)	(a)	-1.696	0.988	-0.232	-2.737	2.150	-0.244	-0.482	0.990	-0.084
SAsr	2.415	1.475	0.196	2.098	1.412	0.200	-1.848	1.405	-0.182	0.056	1.535	0.005
R^2		0.164*			0.146			0.141			0.110	
ΔR^2		0.025			0.023			0.023			0.000	

Note. [‡]Only step 3 of the regression models is included; [†]log-transformed; *B*, unstandardised coefficients; *SE B*, standard error of *B*; β , standardised coefficients; ΔR^2 , R^2 change; stature and body mass are standardised estimates; SAsr, standardised residuals of skeletal age on chronological age; SAsr $\times$ ST, interaction of SAsr with stature; SAsr $\times$ BM, interaction of SAsr with body mass; (a) excluded from the model due to a strong linear relationship with other predictor(s); * $p < .05$; ** $p < .01$; *** $p < .001$.