

Table S2 Hierarchical multiple regression analysis of skeletal maturation and size on hopping on one leg.

Variable	Hopping on one leg [†]											
	11 years			12 years			13 years			14 years		
	B	SE B	β	B	SE B	β	B	SE B	β	B	SE B	β
Boys		(n = 84)			(n = 75)			(n = 67)			(n = 58)	
Stature	3.484	2.262	0.246	4.638	2.492	0.355	5.113	2.780	0.326	2.141	1.474	0.258
Body mass [†]	-10.963	2.043	-0.774***	-7.318	2.317	-0.560**	-7.838	2.600	-0.500**	-3.278	1.757	-0.395
Stature × BM	0.044	2.017	0.004	2.053	1.853	0.215	1.540	2.498	0.095	1.532	1.481	0.197
SAsr × ST	0.770	1.985	0.056	-2.476	2.877	-0.168	1.597	2.822	0.083	(a)	(a)	(a)
SAsr × BM	-1.716	2.087	-0.114	1.794	2.252	0.143	-1.371	3.257	-0.072	-2.615	1.396	-0.333
SAsr × ST × BM	1.852	1.578	0.210	-1.169	1.520	-0.161	-1.187	3.199	-0.080	(a)	(a)	(a)
SAsr	0.158	1.810	0.011	3.504	1.746	0.268*	4.586	2.563	0.292	2.704	1.442	0.326
R ²		0.307***			0.252**			0.255*			0.268**	
ΔR ²		0.000			0.045*			0.040			0.050	
Girls		(n = 97)			(n = 89)			(n = 73)			(n = 70)	
Stature	6.773	1.810	0.481***	3.737	2.025	0.265	1.889	2.567	0.146	1.287	1.909	0.111
Body mass [†]	-8.003	1.790	-0.568***	-8.036	2.061	-0.570***	-5.249	2.448	-0.407*	-2.968	1.869	-0.255
Stature × BM	-1.631	1.426	-0.135	-1.964	1.514	-0.151	5.478	2.400	0.406*	0.646	1.483	0.069
SAsr × ST	0.607	1.768	0.051	0.753	2.057	0.052	3.589	3.428	0.189	1.071	2.032	0.101
SAsr × BM	-0.702	1.802	-0.058	-0.687	1.801	-0.051	-2.160	2.113	-0.171	-0.968	1.803	-0.095
SAsr × ST × BM	(a)	(a)	(a)	0.380	1.278	0.039	-1.331	2.689	-0.093	-0.099	1.095	-0.016
SAsr	-0.543	1.641	-0.039	2.333	1.825	0.165	2.620	1.757	0.203	2.171	1.697	0.187
R ²		0.210**			0.210**			0.172			0.077	
ΔR ²		0.001			0.016			0.028			0.024	

Note. [†]Only step 3 of the regression models is included; [†]log-transformed; B, unstandardised coefficients; SE B, standard error of B; β, standardised coefficients; ΔR², R² change; stature and body mass are standardised estimates; SAsr, standardised residuals of skeletal age on chronological age; SAsr × ST, interaction of SAsr with stature; SAsr × 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.