

**Supplementary Table S3.** Correlation coefficients of all PF parameters, concentration score and all HRQOL scores

	M	SD	Age	BMI	VO2max	Pacer	HGrel	PU	CU	SLJ	d2-R	HRQOL total	Physical well-being	Emotional well-being	Self-esteem	Family	Friends	School
<b>Age</b>	9.85	0.51	--															
			2887															
			.136**	--														
<b>BMI</b>	17.53	2.97	[.100, .172]															
			2874	2874														
			-.049*	-.388**	--													
<b>VO2max</b>	45.84	5.97	[-.087, -.010]	[-.420, -.354]														
			2575	2567	2575													
			.048*	-.374**	.995**	--												
<b>Pacer</b>	31.91	16.91	[.009, .086]	[-.407, -.340]	[.995, .996]													
			2575	2567	2575	2575												
			.024	-.440**	.403**	.405**	--											
<b>HGrel</b>	0.499	0.113	[-.017, .064]	[-.472, -.407]	[.366, .438]	[.368, .440]												
			2355	2355	2122	2122	2355											
			.001	-.281**	.546**	-.545**	.435**	--										
<b>PU</b>	12.00	10.56	[-.036, .038]	[-.315, -.246]	[.518, .573]	[.517, .572]	[.401, .467]											
			2821	2813	2525	2525	2311	2821										
			.076**	-.214**	.282**	-.290**	.166**	.238**	--									
<b>CU</b>	37.41	29.79	[.040, .113]	[-.248, -.178]	[.246, .317]	[.254, .325]	[.127, .206]	[.203, .273]										
			2857	2849	2556	2556	2338	2810	2857									
			.119**	-.311**	.537**	.547**	.501**	.496**	.325**	--								
<b>SLJ</b>	134.52	21.66	[.082, .155]	[-.344, -.278]	[.508, .563]	[.520, .574]	[.469, .530]	[.467, .523]	[.292, .358]									
			2864	2855	2568	2568	2342	2808	2839	2864								
			.089**	-.108**	.225**	.232**	-.002	.135**	.119**	.202**	--							
<b>d2-R</b>	95.81	22.68	[.022, .155]	[-.174, -.041]	[.157, .291]	[.164, .298]	[-.072, .068]	[.068, .202]	[.051, .185]	[.137, .266]								
			850	845	771	771	786	830	837	844	850							
			-.063*	-.159**	.247**	.244**	.134**	.179**	.181**	.183**	.128**	--						
<b>HRQOL total</b>	76.09	10.45	[-.125, -.001]	[-.219, -.098]	[.185, .307]	[.182, .304]	[.069, .198]	[.118, .239]	[.120, .241]	[.122, .242]	[.033, .221]							
			998	991	913	913	888	976	988	988	422	998						
			-.034	-.113**	.245**	.243**	.125**	.198**	.164**	.201**	.114*	.575**	--					
<b>Physical well-being</b>	79.17	15.42	[-.096, .028]	[-.174, -.051]	[.183, .305]	[.181, .303]	[.060, .190]	[.137, .257]	[.103, .224]	[.140, .260]	[.018, .207]	[.532, .615]						
			998	991	913	913	888	976	988	988	422	998	998					
			-.069*	-.100**	.150**	.146**	.061	.123**	.091**	.126**	.142**	.655**	.383**	--				
<b>Emotional well-being</b>	82.75	13.30	[-.130, -.007]	[-.161, -.038]	[.086, .213]	[.082, .209]	[-.005, .126]	[.061, .184]	[.029, .153]	[.064, .186]	[.047, .234]	[.618, .689]	[.328, .434]					
			998	991	913	913	888	976	988	988	422	998	998	998				
			-.019	-.108**	.148**	.148**	.153**	.104**	.096**	.117**	.025	.632**	.244**	.275**	--			
<b>Self-esteem</b>	61.65	20.47	[-.081, .043]	[-.169, -.046]	[.084, .211]	[.084, .211]	[.088, .217]	[.042, .166]	[.034, .158]	[.055, .178]	[-.071, .120]	[.593, .667]	[.184, .301]	[.217, .332]				
			998	991	913	913	888	976	988	988	422	998	998	998	998			
			-.030	-.021	.013	.011	.015	.024	.056	.022	.053	.579**	.154**	.277**	.186**	--		
<b>Family</b>	84.17	15.77	[-.092, .032]	[-.083, .042]	[-.052, .078]	[-.054, .076]	[-.051, .080]	[-.039, .086]	[-.006, .118]	[-.041, .084]	[-.043, .148]	[.536, .619]	[.093, .214]	[.219, .333]	[.126, .246]			
			998	991	913	913	888	976	988	988	422	998	998	998	998	998		
			.000	-.084**	.167**	.166**	.056	.094**	.141**	.110**	.013	.665**	.225**	.375**	.286**	.301**	--	
<b>Friends</b>	77.11	16.85	[-.062, .062]	[-.146, -.022]	[.103, .229]	[.103, .229]	[-.010, .121]	[.031, .156]	[.080, .202]	[.048, .171]	[-.082, .109]	[.629, .698]	[.166, .283]	[.320, .427]	[.228, .342]	[.243, .356]		
			998	991	913	913	888	976	988	988	422	998	998	998	998	998	998	
			-.089**	-.162**	.212**	.207**	.079*	.137**	.129**	.116**	.153**	.649**	.244**	.308**	.218**	.307**	.316**	--
<b>School</b>	71.59	18.16	[-.150, -.027]	[-.222, -.101]	[.149, .273]	[.144, .269]	[.014, .144]	[.075, .198]	[.067, .190]	[.054, .177]	[.058, .245]	[.611, .683]	[.184, .301]	[.251, .363]	[.158, .277]	[.250, .362]	[.258, .370]	
			998	991	913	913	888	976	988	988	422	998	998	998	998	998	998	998

Data are given as  $r$  [CI 95%]  $n$ ; BMI = body mass index, HGrel = handgrip strength relativized to body weight, PU = Push-Ups, CU = Curl-Ups, SLJ = Standing long jump, d2-R = concentration test, HRQOL = health-related quality of life; \*  $p < .05$ , \*\*  $p < .01$