Table SI. Thresholds for quadriceps and hamstrings strength

Muscle strength	VAF Lin. model (%)	VAF Exp. model (%)	Difference Exp. – Lin. (%)[a]	Lin. + con. model (%)	Threshold (Nm/kg)	95% CI
Association muscle strength and timed GUG test (n=560)						
Quadriceps	29.6	35.7	+6.1	35.1	1.12	0.97 to 1.28
Hamstrings	30.7	34.8	+4.1	34.4	0.84	0.59 to 1.11
Association muscle strength and timed stair-ascent test (n=558)						
Quadriceps	29.7	38.5	+8.8	36.5	1.08	0.84 to 1.23
Hamstrings	28.1	32.7	+4.6	31.4	0.81	0.38 to 1.37
Association muscle strength and timed stair-descent test (n=558)						
Quadriceps	29.0	34.9	+5.9	34.1	1.17	1.00 to 1.33
Hamstrings	27.3	30.2	+2.9	27.3	0.86	0.48 to 1.40

[a]Difference between exponential and linear model. If the difference is positive, the exponential model improved the relationship between muscle strength and the activity limitation compared with the linear model.
VAF: variance accounted for; GUG: timed Get Up and Go test; 95% CI: 95% confidence interval.