

1 **Supplement Table I (for online publication): Cross-sectional results in men:**

2 Thigh muscle strength in knees with and without radiographic progression (i.e. change in
3 minimum medial radiographic joint space width [JSW] between year 2 and 4 follow-up).

	Time	Progressor	Non-progr.	Difference-	P ¹	P ²
		Mean SD	Mean SD	Mean [95% CI]		
7	<i>All men</i>	(N=253)	(N=358)			
8	E Max Y2	421.6 127.4	409.7 113	11.9 [-7.4, +31.1]	0.24	0.19
9	F Max Y2	171.2 69.2	169.5 66.1	1.8 [-9.1, +12.7]	0.75	0.69
10	E Norm Y2	4.63 1.45	4.57 1.29	0.06 [-0.16, +0.27]	0.63	0.22
11	F Norm Y2	1.87 0.75	1.89 0.76	-0.02 [-0.14, +0.10]	0.73	0.91
12	<i>KLG 0/1 men</i>	(N=68)	(N=129)			
13	E Max Y2	436.8 116.3	431 118.2	5.8 [-28.9, +40.6]	0.74	0.76
14	F Max Y2	176.2 66.1	185.7 69.2	-9.6 [-29.7, +10.6]	0.34	0.97
15	E Norm Y2	4.8 1.4	4.9 1.4	-0.2 [-0.59, +0.24]	0.39	0.92
16	F Norm Y2	1.9 0.7	2.1 0.8	-0.2 [-0.46, 0.00]	0.041*	0.64
17	<i>KLG 2/3 men</i>	(N=185)	(N=229)			
18	E Max Y2	416.0 131.1	397.7 108.3	18.3 [-4.9, +41.4]	0.13	0.10
19	F Max Y2	169.4 70.3	160.3 62.7	9.1 [-3.7, +22.0]	0.17	0.30
20	E Norm Y2	4.58 1.49	4.36 1.17	0.21 [-0.04, +0.47]	0.11	0.07
21	F Norm Y2	1.86 0.77	1.76 0.68	0.1 [-0.04, +0.24]	0.16	0.24
22	<i>All men</i>	(N=253)	(N=358)			
23	E Max BL	444.6 135.8	437.3 126	7.3 [-13.7, +28.3]	0.50	0.82
24	F Max BL	188.3 79.7	187.7 73.4	0.6 [-11.7, +12.9]	0.92	0.44
25	E Norm BL	4.86 1.46	4.88 1.42	-0.01 [-0.25, +0.22]	0.90	0.57
26	F Norm BL	2.05 0.84	2.09 0.81	-0.03 [-0.17, +0.10]	0.63	0.70

27 For abbreviations, see Table 2

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