

## Appendix

**Table S1.** Outcomes of descriptive statistics and analysis of variance (ANOVA) of the effect of group and eye opening/closing on the results of tests performed on the stability platform

	AS		RA		SSc		ANOVA		
	O	C	O	C	O	C	P <sub>group</sub>	P <sub>O vs. C</sub>	P <sub>interaction</sub>
Body balance R/L	1.07 ± 0.36	1.08 ± 0.26	0.99 ± 0.22	1.01 ± 0.29	1.03 ± 0.19	1.07 ± 0.22	0.077	0.51	0.93
Sway path outlined by the CoP [mm]									
In 2D axes	208.5 ± 63.1	285.7 ± 120.9	218.2 ± 71.2	317.1 ± 151.5	204.1 ± 71.6	263.4 ± 133.9	< <b>0.05</b>	< <b>0.001</b>	0.39
In the AP plane	152.2 ± 54	228.5 ± 109.2	166.9 ± 67.5	261.4 ± 144.6	152.1 ± 64.5	211.7 ± 121.2	< <b>0.05</b>	< <b>0.001</b>	0.45
In the ML plane	110.0 ± 34.1	125.5 ± 51.6	105.8 ± 28.7	127.0 ± 51.2	103.9 ± 28.6	115.0 ± 44.5	0.29	< <b>0.001</b>	0.60
Mean amplitude of CoP from point 0 [mm]									
In 2D axes	3.65 ± 1.41	4.11 ± 2.62	3.54 ± 1.49	4.34 ± 3.04	3.08 ± 1.07	3.20 ± 1.50	< <b>0.01</b>	0.21	0.56
In the AP plane	3.07 ± 1.36	3.37 ± 1.69	2.86 ± 1.13	3.52 ± 2.59	2.37 ± 1.03	2.73 ± 1.36	< <b>0.001</b>	< <b>0.05</b>	0.94
In the ML plane	1.44 ± 0.84	1.70 ± 1.97	1.51 ± 1.24	1.76 ± 1.85	1.48 ± 0.74	1.21 ± 0.63	0.80	0.60	0.134
Maximum amplitude in the AP plane [mm]	9.4 ± 3.7	12.0 ± 6.3	10.0 ± 4.1	12.8 ± 7.4	8.8 ± 6.2	10.7 ± 5.7	< <b>0.001</b>	< <b>0.001</b>	0.96

	AS		RA		SSc		ANOVA		
Maximum amplitude in the ML plane [mm]	5.0 ± 2.7	5.7 ± 7.1	5.0 ± 3.2	6.2 ± 4.9	5.4 ± 3.8	5.0 ± 2.7	0.88	0.65	0.30
Mean velocity [mm/s] at which the CoP moved during testing									
In 2D axes	6.9 ± 2.1	9.5 ± 4.0	7.3 ± 2.4	10.6 ± 5.1	6.8 ± 2.4	8.8 ± 4.5	< 0.05	< 0.001	0.39
In the AP plane	5.1 ± 1.8	7.6 ± 3.6	5.6 ± 2.2	8.7 ± 4.8	5.1 ± 2.1	7.1 ± 4.0	< 0.05	< 0.001	0.46
In the ML plane	3.7 ± 1.1	4.2 ± 1.7	3.5 ± 1.0	4.2 ± 1.7	3.5 ± 1.0	3.8 ± 1.5	0.29	< 0.001	0.58
Sway area outlined by the point of application of foot pressure on the ground [mm <sup>2</sup> ]	228.8 ± 144.1	359.3 ± 422.7	235.3 ± 158.3	426 ± 481.2	200.1 ± 143.3	254.9 ± 203.2	< 0.05	< 0.001	0.41
Sway path compared to size of sway area [mm <sup>-1</sup> ]	1.09 ± 0.41	1.11 ± 0.44	1.16 ± 0.47	1.16 ± 0.54	1.22 ± 0.45	1.33 ± 0.58	< 0.05	0.44	0.64
Mean frequency of CoP [Hz]	0.34 ± 0.13	0.43 ± 0.20	0.37 ± 0.15	0.44 ± 0.18	0.38 ± 0.15	0.48 ± 0.19	0.15	< 0.001	0.92
Percentage of time spent by the CoP within a circle of radius R = 5 mm	75.6 ± 20.1	72.7 ± 24.4	76.9 ± 19.8	71.4 ± 25.6	84.9 ± 13.8	81.7 ± 17.6	< 0.001	0.09	0.87
Number of amplitudes of the CoP									

	AS		RA		SSc		ANOVA		
In the AP plane	16.1 ± 10.5	13.1 ± 8.8	20.0 ± 9.8	14.4 ± 9.4	18.3 ± 11.9	81.7 ± 17.6	< <b>0.05</b>	< <b>0.001</b>	0.40
In the ML plane	13.6 ± 6.4	15.0 ± 10.3	12.7 ± 6.5	16.7 ± 9.8	9.6 ± 6.5	14.9 ± 7.8	0.05	< <b>0.001</b>	< <b>0.05</b>

p<sub>O vs. C</sub> – significance level for the effect of eye Opening/Closing

Interaction – interaction between the group and the open-eye test/closed-eye test