

Table S1. Variability of the spinal cord evoked responses during standing at different stimulation frequencies.

For all research participants, coefficient of variation was calculated from spinal cord evoked responses (N = 20) selected within a representative portion of continuous (not rhythmic) EMG, recorded during assisted standing with the following stimulation frequencies: 2 Hz, 10 Hz, 20 Hz and 30 Hz. Stimulation amplitude and electrode configuration (cathodes in black, anodes in grey, and non-active in white) are reported below. MH: medial hamstring; VL: vastus lateralis; TA: tibialis anterior; SOL: soleus.

Stimulation frequency (Hz)	B07				A45				B13				A53			
	MH	VL	TA	SOL	MH	VL	TA	SOL	MH	VL	TA	SOL	MH	VL	TA	SOL
2	0.18	0.18	0.19	0.23	0.22	0.37	0.30	0.18	0.22	0.24	0.33	0.31	0.15	0.22	0.37	0.25
10	0.20	0.44	0.17	0.16	0.10	0.39	0.37	0.31	0.28	0.30	0.25	0.43	0.07	0.41	0.22	0.19
20	0.61	0.61	0.37	0.43	0.23	0.49	0.58	0.61	0.37	0.59	0.60	0.45	0.33	0.58	0.46	0.59
30	0.75	0.69	0.67	0.84	0.50	0.57	0.70	0.59	0.42	0.68	0.59	0.49	0.37	0.84	0.58	0.67

3.0 V

	5*	11*
	6	
1	12	
2	13	
	8	
3	9	14
4	10	15