

Table 3: Propulsion and braking symmetry, muscle contributions to propulsion and braking, and knee kinematics. Values for participants in the low knee flexion group are bolded.

Participant	PP	PB	Paretic AP COM acceleration impulse (m/s)			Nonparetic AP COM Acceleration impulse (m/s)			Knee flexion velocity at toe-off (deg/s)	Peak knee flexion (deg)	ROM difference (deg)
			SOL	GAS	VAS	SOL	GAS	VAS			
1	0.24	0.51	0.64	0.205	-0.471	0.116	0.35	-0.279	122	49	35
2	0.31	0.65	0.749	0.328	-0.71	0.225	0.351	-0.238	178	69	12
3	0.42	0.49	0.454	0.348	-0.285	0.142	0.661	-0.196	252	52	12
4	0.52	0.47	-0.176	0.398	-0.156	-0.246	0.457	-0.149	247	71	9
5	0.57	0.49	0.2	0.44	-0.145	0.54	0.235	-0.434	200	61	-9
6	0.24	0.72	0.259	0.308	-0.2	0.246	0.371	-0.255	93	48	22
7	0.5	0.56	0.07	0.401	-0.14	0.252	0.512	-0.38	161	56	1
8	0.55	0.64	0.648	0.232	-0.554	0.28	0.436	-0.338	-8	36	42
9	0.55	0.41	0.117	0.319	-0.156	0.395	0.302	-0.274	85	31	31
10	0.08	0.9	0.464	0.272	-0.459	0.791	0.33	-0.573	86	33	21
11	0.31	0.54	0.272	0.203	-0.237	0.253	0.453	-0.241	116	48	20
12	0.38	0.62	0.288	0.434	-0.222	0.071	0.488	-0.198	185	57	10
13	0.08	0.84	0.061	0.274	-0.279	0.18	0.427	-0.357	120	30	24
14	0.06	0.74	-0.388	-0.266	-0.435	0.634	0.832	-0.297	158	37	27
15	0.71	0.41	-0.239	0.208	-0.17	0.122	0.576	-0.509	34	30	21
Average	0.37	0.6	0.228	0.274	-0.308	0.267	0.452	-0.315	135	47	18
SD	0.19	0.15	0.322	0.164	0.17	0.241	0.146	0.115	70	13	13
C1	0.55	0.56	-0.077	0.284	-0.065	0.005	0.347	-0.312	253	56	5
C2	0.53	0.52	0.079	0.3	-0.26	0.262	0.376	-0.293	338	68	3
C3	0.43	0.55	-0.067	0.251	-0.22	0.417	0.208	-0.462	363	77	-1
C4	0.72	0.33	0.118	0.322	-0.225	0.158	0.483	-0.337	259	72	-9
C5	0.56	0.47	0.221	0.381	-0.295	0.279	0.384	-0.379	335	72	-7
Average	0.56	0.48	0.055	0.307	-0.213	0.224	0.36	-0.357	310	69	-2
SD	0.09	0.08	0.114	0.043	0.079	0.137	0.088	0.06	45	7	6