

Supplementary Table 2. Joint work.

Measure	Athletes with BKA			Non-amputee athletes			Difference	
	Mean (SD)	Min	Max	Mean (SD)	Min	Max	BKA to nonAMP [%]	p
Joint work [J/kg]								
Ankle*								
Flex/Ex abs.	4.35 (1.60)	2.61	5.75	1.87 (0.83)	0.87	3.48	132.31	.033
Flex/Ex gen.	3.55 (1.00)	2.45	4.42	1.73 (0.26)	1.42	2.10	105.45	.017
Evers./Invers. abs.	0.02 (0)	0.01	0.02	0.35 (0.25)	0.10	0.70	-95.57	.017
Evers./Invers. gen.	0.01 (0.01)	0	0.02	0.15 (0.12)	0.04	0.39	-90.57	.017
Ext./Int. Rot. abs.	0.01 (0.01)	0	0.02	0.14 (0.10)	0.04	0.29	-89.98	.017
Ext./Int. Rot. gen.	0.02 (0)	0.02	0.02	0.09 (0.07)	0.02	0.21	-78.56	.033
Knee								
Flex/Ex abs.	0.70 (0.22)	0.50	0.93	2.30 (1.10)	1.46	4.62	-69.74	.017
Flex/Ex gen.	0.24 (0.04)	0.19	0.26	1.30 (0.46)	0.53	1.78	-81.99	.017
Abd./Add. abs.	0.07 (0.06)	0.02	0.14	0.25 (0.16)	0.08	0.56	-71.04	.033
Abd./Add. gen.	0.05 (0.01)	0.04	0.06	0.15 (0.10)	0.03	0.34	-67.10	.117
Ext./Int. Rot. abs.	0.02 (0.02)	0	0.03	0.13 (0.07)	0.04	0.25	-85.44	.017
Ext./Int. Rot. gen.	0.01 (0.01)	0	0.02	0.09 (0.02)	0.07	0.12	-88.13	.017
Hip								
Flex/Ex abs.	0.07 (0.05)	0.01	0.11	1.60 (0.34)	0.99	1.97	-95.53	.017
Flex/Ex gen.	0.87 (0.42)	0.39	1.18	1.27 (0.39)	0.75	1.81	-31.64	.183
Abd./Add. abs.	0.15 (0.07)	0.08	0.22	0.99 (0.45)	0.42	1.81	-84.51	.017
Abd./Add. gen.	0.22 (0.20)	0.03	0.42	0.87 (0.46)	0.60	1.89	-74.83	.017
Ext./Int. Rot. abs.	0.03 (0.01)	0.02	0.04	0.31 (0.15)	0.13	0.49	-90.03	.017
Ext./Int. Rot. gen.	0.02 (0.02)	0	0.04	0.35 (0.13)	0.19	0.50	-94.62	.017

Mean values with standard deviations (SD), minimum and maximum values of joint work for the athletes with a below the knee amputation (BKA) and the non-amputee athletes (nonAMP). The difference between mean values from non-amputee athletes versus athletes with BKA are presented as percentages. Significant differences are indicated by bold p-values.

* Ankle in the BKA group refers to the point of the prosthesis' greatest curvature defined as the prosthetic ankle joint