

Supplementary file 1. Joint work percentage contribution during the single leg vertical jump and the single leg drop jump

				Involved-Uninvolved		Involved-Controls		Uninvolved-Controls	
	Involved	Uninvolved	Controls	p value	d	p value	d	p value	d
Single leg vertical jump									
Propulsion									
Work contribution%									
Hip	35.97±8.52	30.13±7.42	32.49±5.35	<0.001	0.73	0.24		0.51	
Knee	28.81±7.57	34.20±6.52	33.85±6.54	0.001	0.78	0.043	0.77	0.98	
Ankle	35.22±7.15	35.68±5.34	33.65±5.09	0.90		0.73		0.57	
Landing									
Work contribution%									
Hip	38.58±13.92	33.63±12.0	30.24±9.62	0.045	0.38	0.05		0.60	
Knee	29.47±9.33	32.97±8.13	34.45±9.98	0.16		0.17		0.85	
Ankle	31.95±13.78	33.40±12.48	35.31±13.58	0.67		0.63		0.84	
Single leg drop jump									
Absorption									
Work contribution%									
Hip	33.59±8.18	24.57±6.86	24.78±7.49	<0.001	1.19	<0.001	1.18	0.99	
Knee	32.98±7.68	38.92±5.43	35.28±9.50	0.004	0.89	0.58		0.26	
Ankle	33.43±7.99	36.51±8.16	39.94±11.39	0.16		0.07		0.45	
Generation									
Work contribution%									
Hip	30.89±6.04	21.42±6.73	22.80±5.22	<0.001	1.48	<0.001	1.55	0.86	
Knee	29.65±6.17	38.52±4.83	35.94±5.49	<0.001	1.60	0.001	1.15	0.26	
Ankle	39.45±5.70	40.05±4.80	41.26±6.68	0.73		0.56		0.77	

For the ACLR athletes, data are presented for both the reconstructed ('involved') and contralateral ('uninvolved') leg along with one (randomly selected) leg of the control subjects ('Controls') as mean±SD. The between-group comparisons show p values, and effect sizes (d) only where p<.05. **Bold** indicates statistically significant differences and their respective effect sizes.