Appendix

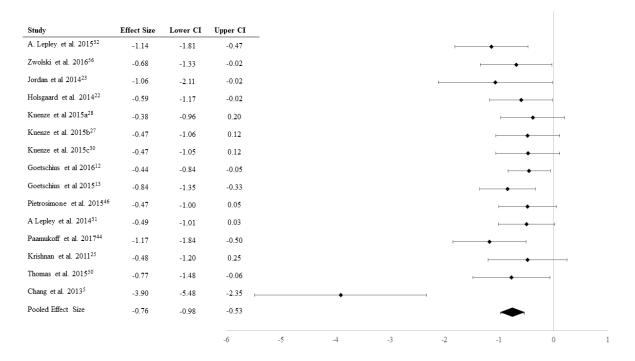


Figure A1. Forest plots, effect sizes, and 95% confidence intervals (Cis) of involved ACLR limb and healthy control limb between-group comparisons of maximal voluntary isometric contractions. Large diamond, combined pooled effect sizes for all included data points.

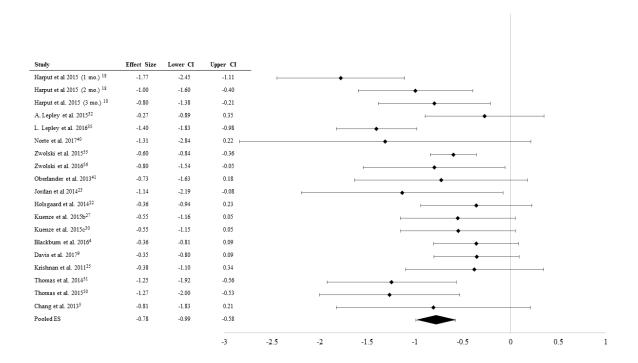


Figure A2. Forest plots, effect sizes, and 95% confidence intervals (Cis) of involved ACLR and contralateral limb between-group comparisons of maximal voluntary isometric contractions. Large diamond, combined pooled effect sizes for all included data points.

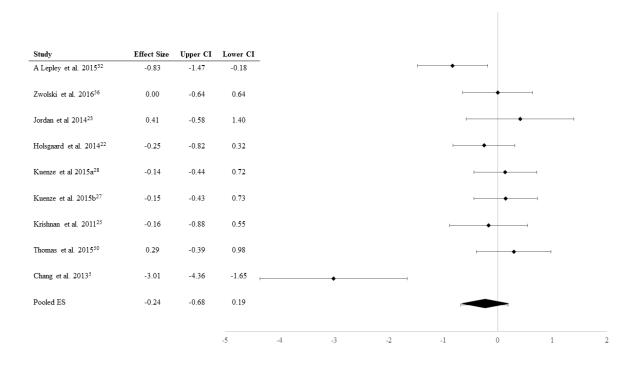


Figure A3. Forest plots, effect sizes, and 95% confidence intervals (Cis) of contralateral ACLR limb and healthy control limb between-group comparisons of maximal voluntary isometric contractions. Large diamond, combined pooled effect sizes for all included data points.

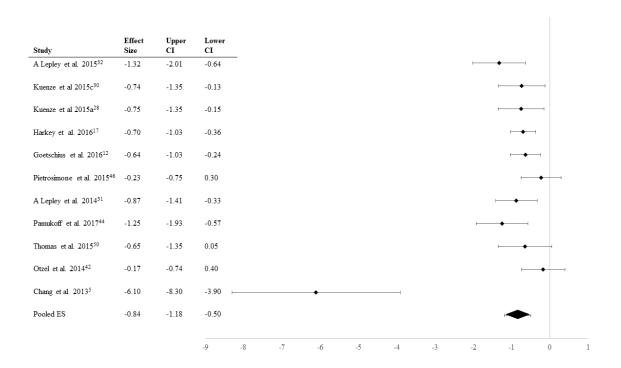


Figure A4. Forest plots, effect sizes, and 95% confidence intervals (CIs) of involved ACLR limb and healthy control limb between-group comparisons of central activation ratios. Large diamond, combined pooled effect sizes for all included data points.

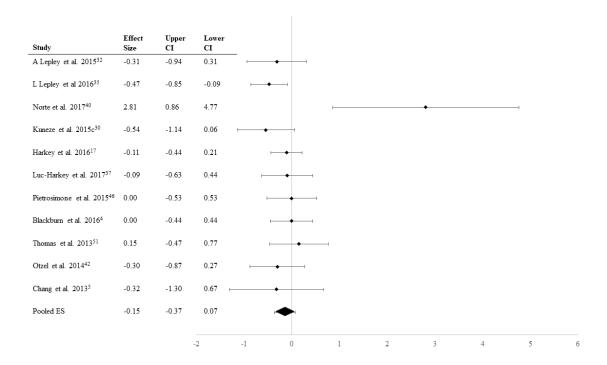


Figure A5. Forest plots, effect sizes, and 95% confidence intervals (CIs) of involved ACLR and contralateral limb between-group comparisons of central activation ratios. Large diamond, combined pooled effect sizes for all included data points.

Study	Effect Size	Upper CI	Lower CI											
A Lepley et al. 2015 ³²	-0.99	-1.64	-0.33	_						H	•	→		
Kuenze et al. $2015c^{30}$	-0.15	-0.74	0.44								<u> </u>	•		
Harkey et al. 2016 ¹⁷	-0.56	-0.89	-0.23								⊢	—		
Pietrosimone et al. 2015 ⁴⁶	-0.23	-0.75	0.30								—	•		
Otzel et al. 2014 ⁴²	0.19	-0.37	0.76									•		
Chang et al. 2013^5	-5.76	-7.85	-3.66	<u> </u>		•								
Pooled ES	-0.73	-1.39	-0.07											
			 -9	-8	-7	-6	-5	-4	-3	-2	-1	0	1	

Figure A6. Forest plots, effect sizes, and 95% confidence intervals (CIs) of contralateral ACLR limb and healthy control limb between-group comparisons of central activation ratios. Large diamond, combined pooled effect sizes for all included data points.

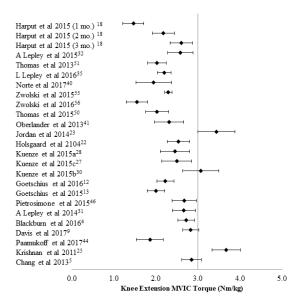


Figure A7. Involved ACLR limb means and 95% confidence intervals in relation to 3.0 Nm/kg cut-off predictive of self-reported knee function. MVIC, maximal voluntary isometric knee contraction.