|  |
| --- |
| SUPPLEMENTARY. Between limbs asymmetry of the biceps femoris architectural characteristics and knee flexor strength measures of the ACL injured group (uninjured minus ACL injured limb) to the control group (absolute difference). CG = control group, ACL = anterior cruciate ligament, MVIC = maximum voluntary isometric contraction, SD = standard deviation, 95% CI = 95% confidence interval, FL = fascicle length, cm = centimetres, deg = degrees, RFL = fascicle length relative to muscle thickness, PA = pennation angle, MT = muscle thickness, N = newtons, Nm = newton metres, N/kg = newtons per kilogram of body mass, Nm/kg = newton metres per kilogram of body mass, \*=p<0.05, \*\*=p<0.001. |
| Passive |  |
| CG minus ACL Injured Group(95% CI) |  p | Effect Size(*d*) |
| FL (cm) | 1.51 (0.84 to 2.19) | 0.001\*\* | 1.12 |
| RFL | 0.50 (0.86 to 0.15) | 0.006\* | 0.86 |
| PA (deg) | -1.49 (-2.49 to -0.48) | 0.004\* | -0.88 |
| MT (cm) | 0.10 (-0.27 to 0.06) | 0.224 | 0.36 |
| 25% of MVIC |  |  |
| CG minus ACL Injured Group (95% CI) |  p | Effect Size(*d*) |
| FL (cm) | 1.23 (0.51 to 1.94) | 0.001\* | 1.11 |
| RFL | 0.30 (0.10 to 0.47) | 0.002\* | 1.13 |
| PA (deg) | -1.65 (-2.57 to -0.73) | 0.001\* | 1.12 |
| MT (cm) | 0.07 (-0.11 to 0.25) | 0.464 | 0.19 |
| Knee flexor strength |  |  |  |
| CG minus ACL Injured Group (95% CI) |  p | Effect Size(*d*) |
| Eccentric force (N) | 36.0 (12.2 to 59.7) | 0.003\* | 0.71 |
| Eccentric torque (Nm) | 15.4 (5.1 to 25.6) | 0.004\* | 0.70 |
| Relative eccentric force (N/Kg) | 0.38 (0.13 to 0.66) | 0.008\* | 0.70 |
| Relative eccentric torque (Nm/Kg) | 0.16 (0.04 to 0.28) | 0.008\* | 0.69 |
| Isometric force (N) | -3.80 (-34.7 to 27.1) | 0.807 | -0.07 |
| Isometric torque (Nm) | -1.95 (-15.5 to 11.6) | 0.775 | -0.08 |
| Relative isometric force (N/Kg) | -0.08 (-0.48 to 0.31) | 0.673 | -0.13 |
| Relative isometric torque (Nm/Kg) | -0.04 (-0.21 to 0.13) | 0.650 | -0.14 |
|  |  |