Supplementary Table 1. Statistical analysis outcome of three sub-tendon mechanical properties.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Kruskal-Wallis test | Pairwise Mann-Whitney U test | | | |
|  |  | LG – MG | LG – S | | MG – S |
| Cross-sectional area | | | | | |
| Test statistics | 10.820 | -1.776 | -2.611 | | -2.611 |
| DOF | 2.00 |  |  | |  |
| p-value | .004 | .095 | .008 | | .008 |
| Failure force |  |  |  | |  |
| Test statistics | 10.220 | -1.358 | -2.611 | | -2.611 |
| DOF | 2.00 |  |  | |  |
| p-value | .006 | .222 | .008 | | .008 |
| Ultimate stress | | | |
| Test statistics | .380 |  |  | |  |
| DOF | 2.00 |  |  | |  |
| p-value | .827 |  |  | |  |
| Ultimate strain | | | |
| Test statistics | 4.994 |  |  | |  |
| DOF | 2.00 |  |  | |  |
| p-value | .082 |  |  | |  |
| Young's modulus | | | |
| Test statistics | 1.040 |  |  | |  |
| DOF | 2.00 |  |  | |  |
| p-value | .595 |  |  | |  |
| Stiffness | | | |
| Test statistics | 10.220 | -1.358 | -2.611 | | -2.611 |
| DOF | 2.00 |  |  | |  |
| p-value | .006 | .222 | .008 | | .008 |