Table SDC2: Achilles tendon-triceps surae complex (ATTSC) strain differences by strike type and footwear condition

|  |  |  |
| --- | --- | --- |
|   | ATTSC Strain | **ATTSC Strain Percent Differences** |
| Barefoot | Standard Shoes | **FFS vs. RFS** | **Barefoot vs. Standard Shoes** |
| Subject | FFS | RFS | FFS | RFS | **Barefoot** | **Standard Shoes** | **FFS** | **RFS** |
| 1 | 1.94% | 2.15% | 4.32% | 4.41% | **-10.38%** | **-2.16%** | **-76.13%** | **-68.98%** |
| 2 | 3.74% | 3.01% | 6.01% | 7.24% | **21.57%** | **-18.66%** | **-46.40%** | **-82.42%** |
| 3 | 8.10% | 7.02% | 9.97% | 7.63% | **14.19%** | **26.50%** | **-20.70%** | **-8.33%** |
| 4 | 1.96% | 2.84% | 4.25% | 4.86% | **-36.88%** | **-13.52%** | **-73.74%** | **-52.37%** |
| 5 | 3.90% | 3.69% | 4.60% | 6.68% | **5.48%** | **-36.95%** | **-16.41%** | **-57.63%** |
| 6 | 3.27% | 2.86% | 5.79% | 6.02% | **13.48%** | **-3.89%** | **-55.53%** | **-71.17%** |
| 7 | 5.02% | 4.17% | 5.30% | 6.45% | **18.46%** | **-19.67%** | **-5.36%** | **-42.93%** |
| 8 | 4.06% | 5.15% |   |   | **-23.69%** |  |  |  |
| 9 | 2.80% | 3.40% | 6.47% | 4.73% | **-19.35%** | **31.14%** | **-79.04%** | **-32.49%** |
| 10 | 3.63% | 2.37% | 4.23% | 3.96% | **42.10%** | **6.44%** | **-15.05%** | **-50.28%** |
| 11 | 4.94% | 3.56% | 4.75% | 6.49% | **32.29%** | **-30.92%** | **3.81%** | **-58.20%** |
| 12 | 3.48% | 3.98% | 6.68% | 6.24% | **-13.41%** | **6.81%** | **-63.00%** | **-44.23%** |
| 13 | 5.25% | 4.45% |   |   | **16.58%** |  |  |  |
| 14 | 7.68% | 4.89% | 5.55% | 7.10% | **44.30%** | **-24.54%** | **32.25%** | **-36.76%** |
| 15 | 4.95% | 3.86% | 5.21% | 6.79% | **24.79%** | **-26.31%** | **-5.00%** | **-54.94%** |
| Mean ± SD | 4.32% ± 1.77% | 3.83% ± 1.24% | 5.62% ± 1.54% | 6.05% ± 1.17% | **8.64% ± 23.60% (0.1925)** | **-8.13% ± 21.32% (0.1941)** | **-32.33% ± 35.51% (0.0065)\*** | **-50.83% ± 18.95% (<0.0001)\*** |

FFS; forefoot strike; RFS, rearfoot strike