Table 3: Group average (±SD) step length in meters for perturbed and unperturbed legs across all testing periods.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Group/leg** | **BL** | **EA** | **LA** | **ED** | **LD** |
| **OG** |  |  |  |  |  |
| Perturbed leg | 0.69±0.05 | 0.65±0.07 | 0.70±0.08 | 0.69±0.04 | 0.72±0.05 |
| Unperturbed leg | 0.71±0.06 | 0.67±0.08 | 0.70±0.08 | 0.64±0.07 | 0.72±0.05 |
| **TG** |  |  |  |  |  |
| Perturbed leg | 0.70±0.02 | 0.71±0.06 | 0.74±0.04 | 0.75±0.03 | 0.73±0.03 |
| Unperturbed leg | 0.71±0.03 | 0.70±0.04 | 0.71±0.02 | 0.70±0.04 | 0.74±0.04 |
| **CG** |  |  |  |  |  |
| First leg | 0.73±0.03 | 0.72±0.03 | 0.72±0.04 | 0.74±0.05 | 0.73±0.04 |
| Second leg | 0.75±0.04 | 0.73±0.04 | 0.73±0.06 | 0.74±0.06 | 0.75±0.05 |

OG = Overground group, TG = Treadmill group, CG = Control group, BL = Baseline, EA = Early Adaptation, LA = Late Adaptation, ED = Early Deadaptation, LE = Early Deadaptation. Note: For the control group, the first leg was the leg with the shorter BL step length.