Table D Comparison of the parameters Stride Length (average value) to the variability measures Stride Length CV and Lateral Step Deviation in the real life walking condition RLW.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  |  | **Group differences** | **Correlations to SARA pg** | |
| **Feature** | **CA av+-sd** | **HC av+-sd** | **p** | **ρ** | **p** |
| StrideLength [m] | 1.3+-0.15 | 1.4+-0.15 | 0.012 | -0.38 | 0.086 |
| StrideL CV | 0.065+-0.025 | 0.049+-0.02 | 0.025 | 0.47 | 0.03 |
| Lateral Step Deviation | 0.045+-0.0095 | 0.03+-0.004 | 0.0002 | 0.63 | 0.0023 |
| SPcmp | 0.67+-0.26 | 0.3+-0.17 | 0.00012 | 0.76 | 5.40E-05 |
|  |  |  |  |  |  |