

## Supplement

### 1 EE and agreement between metabolic cart and SWA<sub>affected</sub>

<b>Outcome (n)</b>	<b>Metabolic cart</b>	<b>SWA<sub>affected</sub></b>	<b>ICC 95%CI</b>	<b>CCC (rc) 95%CI</b>	<b>Mean difference (SD)</b>	<b>RMA slope</b>	<b>RMA intercept</b>
<i>EE 1<sup>st</sup> walk (n = 13)</i>	2.27 (0.54)	3.28 (1.32)	0.42 (0.0 to 0.78)	0.43 (0.18 to 0.69)	0.56 (1.01)	2.46	-3.42
<i>EE 2<sup>nd</sup> walk (n = 12)</i>	2.78 (0.53)	3.37 (0.90)	0.21 (0.0 to 0.68)	0.27 (-0.10 to 0.65)	0.56 (0.84)	-1.06	2.20
<i>EE 1<sup>st</sup> STS (n = 7)</i>	2.15 (0.57)	1.32 (0.56)	0.0 (0.0 to 0.72)	0.22 (-0.13 to 0.56)	-1.03 (0.63)	0.77	-0.49
<i>EE 2<sup>nd</sup> STS (n = 6)</i>	2.49 (1.07)	1.17 (0.42)	0.0 (0.0 to 0.76)	0.23 (-0.05 to 0.49)	-1.33 (0.74)	0.40	0.18

All data is reported as means (SD) unless stated otherwise. ICC=intraclass correlation coefficient, CCC=Lin's correlation coefficient, RMA=reduced major axis

## 2. Step-count agreement between observed counts and SWA<sub>affected</sub>

<b>Outcome (n)</b>	<b>Observed counts</b>	<b>SWA<sub>affected</sub></b>	<b>ICC (95%CI)</b>	<b>CCC (95%CI)</b>	<b>Mean difference (SD)</b>	<b>RMA slope</b>	<b>RMA Intercept</b>
<i>Step-count 1<sup>st</sup> walk (n = 8)*</i>	576 (544 to 624)	312 (123 to 547)	0.19 (0.0, 0.65)	0.19 (-0.45 to 0.42)	-267 (202)	2.84	-1360
<i>Step-count 2<sup>nd</sup> walk (n = 8)</i>	595 (553 to 646)	335 (168 to 609)	0.08 (0.0, 0.60)	0.24 (-0.02 to 0.50)	-232 (199)	2.91	-1382

All data are reported as medians (IQRs) unless stated otherwise. ICC=intraclass correlation coefficient, CCC=Lin's correlation coefficient,

RMA=reduced major axis. \*Analyses exclude n=5 participants who walked with a walking aid.