

Supplementary table III: Responsiveness and minimal detectable change (MDC) of continuous outcome measures

Outcome measure	Responsiveness	MDC
10mWT	Mean change (m/s) between 1 and 3 months postinjury (P<0.001): Effect size: 0.90 <sup>a</sup> (n=18) [27] Mean change (m/s) between 3 and 6 months postinjury (P<0.001): Effect size: 0.46 <sup>a</sup> (n=18) [27]  Assessed before and after at least 20 sessions of locomotor training AIS A-D (n=152, median time post SCI: 0.9 years) SRM: 0.51 [13] AIS C (n=39) SRM: 0.50 [13] AIS D (n=49) SRM: 0.98 [13]	0.13 m/s [15]
6mWT	Mean change between 1 and 3 months postinjury (P<0.001): Effect size: 0.91 <sup>a</sup> (n=18) [27] Mean change between 3 and 6 months postinjury (P<0.001): Effect size: 0.49 <sup>a</sup> (n=18) [27]  Assessed before and after at least 20 sessions of locomotor training AIS A-D (n=152, median time post SCI: 0.9 years) SRM: 0.48 [13] AIS C (n=39) SRM: 0.50 [13] AIS D (n=49) SRM: 0.83 [13]	45.8 m [15]
2mWT	NA	NA
TUG	NA	10.8s [15]
SCAR	NA	NA
3D gait analysis	NA	NA
Instrumented walkways	NA	Speed: 0.17 m/s (n=16) [8] Step length: 0.11-0.17 m (n=16) [8] Cadence: 13 steps/min (n=16) [8] Single limb support: 0.22-0.28 s (n=16) [8] Double limb support: 0.53-0.69 s (n=16) [8]
Inertial measurement units	NA	NA

<sup>a</sup> Effect size = Hedge's g (unbiased) calculated from published data

MDC: minimal detectable change

NA: not available in SCI

SRM: standardized response mean

10MWT ten meter walk test, 6mWT six minute walk test, 2mWT two minute walk test, TUG timed up and go test, SCAR spinal cord ability ruler