

**S4 Table. Characteristics of pairwise comparisons of surface test procedures (n=6) (hard versus soft surface)**

Author	Subjects $\geq 60$ years included	Subjects with disease included	Subjects using walking aid included	$\geq 2$ trial runs per test protocol	Distance for acceleration	Test distance	Distance for deceleration	Timing
Promkeaw 2019a	Yes (no data) <sup>a</sup>	Yes (with data)	Yes (no data) <sup>b</sup>	No	3m	4m	3m	n.r.
Promkeaw 2019b	Yes (no data) <sup>a</sup>	No	No	No	3m	4m	3m	n.r.
Promkeaw 2019a	Yes (no data) <sup>a</sup>	Yes (with data)	Yes (no data) <sup>b</sup>	No	3m	4m	3m	n.r.
Promkeaw 2019b	Yes (no data) <sup>a</sup>	No	No	No	3m	4m	3m	n.r.
Stephens	Yes (no data) <sup>a</sup>	Yes (with data)	n.r.	Yes (with data)	2m	6m	2m	n.r.
Willmott	Yes (with data)	Yes (with data)	n.r.	No	2.25m	10m	2.25m	n.r.

n.r.: not reported

<sup>a</sup> Results for subgroup of persons aged  $\geq 60$  years were not reported

<sup>b</sup> Results for subgroup of persons using a walking aid were not reported