RESULTS TABLES

OPTIMAL DISTANCES

Walk Test	Walking Speed Protocol		Prefixed distance	Fulfilled criteria	Total valid subjects	Percentage of fulfilled [%]	Optimal distance [m]
4mWT	Comfortable	Acceleration	1 m	36	45	80	1,12
		Deceleration	1 m	28	44	64	1,17
	Fast	Acceleration	1 m	26	47	55	1,48
		Deceleration	1 m	23	45	51	1,50
6mWT	Comfortable	Acceleration	2 m	43	45	96	1,37
		Deceleration	2 m	38	39	97	1,88
	Fast	Acceleration	2 m	41	43	95	1,89
		Deceleration	2 m	30	39	77	2,39

Walk Test	Walking Speed Protocol		Prefixed distance	Fulfilled criteria		Total valid subjects		Percentage of fulfilled [%]		Optimal distance [m]	
				Male	Female	Male	Female	Male	Female	Male	Female
4mWT	Comfortable	Acceleration	1 m	24	11	32	12	75	92	1,17	0,92
		Deceleration	1 m	24	3	32	12	75	25	1,24	1,16
	Fast	Acceleration	1 m	17	8	32	14	53	57	1,47	1,51
		Deceleration	1 m	18	4	32	12	56	33	1,48	1,54
6mWT	Comfortable	Acceleration	2 m	31	11	32	12	97	92	1,32	1,40
		Deceleration	2 m	27	10	28	10	96	100	1,90	1,81
	Fast	Acceleration	2 m	29	11	31	11	94	100	1,93	1,62
		Deceleration	2 m	22	7	28	10	79	70	2,34	2,76

SPEED

Walk Test	Walking Speed Protocol	Mean	SD	Min	Max
4mWT	Comfortable	0,78	0,29	0,194	1,4834
	Fast	1,04	0,44	0,2098	1,9089
6mWT	Comfortable	0,86	0,34	0,17842	1,5126
	Fast	1,14	0,46	0,21448	2,1788

Walk Test	Walking Speed Protocol	Male				Female			
		Mean	SD	Min	Max	Mean	SD	Min	Max
4mWT	Comfortable	0,7953	0,2929	0,1940	1,4834	0,7607	0,3010	0,2876	1,2499
	Fast	1,0910	0,4205	0,2098	1,9089	0,9768	0,4730	0,2638	1,7761
6mWT	Comfortable	0,8882	0,3507	0,1784	1,5126	0,8301	0,2951	0,2921	1,2595
	Fast	1,1762	0,4606	0,2145	2,1788	1,0814	0,4430	0,3600	1,7770

ACCELERATION DISTANCE

Walk Test	Walking Speed Protocol	Mean	SD	Min	Max
4mWT	Comfortable	0,6897	0,3643	0,0385	1,7366
	Fast	0,9219	0,5185	0,0315	3,5061
6mWT	Comfortable	0,8724	0,5204	0,0354	2,8440
	Fast	1,1337	0,6043	0,0070	2,6846

Walk Test	Walking Speed Protocol	Male				Female			
		Mean	SD	Min	Max	Mean	SD	Min	Max
4mWT	Comfortable	0,7503	0,3586	0,0385	1,7366	0,5809	0,3294	0,0738	1,2733
	Fast	0,9369	0,4878	0,0315	1,9373	0,9482	0,5726	0,161	3,5061
6mWT	Comfortable	0,9079	0,4899	0,0354	2,5269	0,8446	0,5863	0,0867	2,844
	Fast	1,1642	0,5857	0,007	2,6846	1,0557	0,58	0,1156	2,1042

DESACCELERATION DISTANCE

Walk Test	Walking Speed Protocol	Mean	SD	Min	Max
4mWT	Comfortable	0,7986	0,4023	0,0281	2,1859
	Fast	0,9328	0,5217	0,0078	2,0197
6mWT	Comfortable	1,0303	0,6430	0,0222	3,1255
	Fast	1,3323	0,8328	0,0268	4,3358

Walk Test	Walking Speed Protocol	Male				Female			
		Mean	SD	Min	Max	Mean	SD	Min	Max
4mWT	Comfortable	0,7989	0,39	0,0281	2,1859	0,8572	0,4217	0,0609	1,6234
	Fast	0,9316	0,4727	0,027	2,0197	1,0054	0,625	0,0078	1,9987
6mWT	Comfortable	1,0556	0,6303	0,0222	3,1255	1,0516	0,6758	0,0971	2,4829
	Fast	1,2928	0,7171	0,0268	3,1304	1,5614	1,08	0,1559	4,3358

STEPS MANUAL

They do not have a normal distribution - The median and interquartile range are calculated

Walk Test	Walking Speed Protocol	Median	IQR	Min	Max
4mWT	Comfortable	9,00	4,00	5,00	43,00
	Fast	8,00	2,00	5,00	20,00
6mWT	Comfortable	13,00	5,00	8,00	62,00
	Fast	11,00	4,00	6,00	37,00

Walk Test	Walking Speed Protocol	Male				Female			
		Median	IQR	Min	Max	Median	IQR	Min	Max
4mWT	Comfortable	9,00	3,00	5,00	22,00	9,00	6,00	6,00	43,00
	Fast	7,00	2,00	5,00	20,00	8,00	4,00	6,00	20,00
6mWT	Comfortable	12,00	4,00	8,00	34,00	14,00	8,00	9,00	62,00
	Fast	10,00	3,00	6,00	29,00	12,00	4,75	8,00	37,00

TIME MANUAL

They do not have a normal distribution - The median and interquartile range are calculated

Walk Test	Walking Speed Protocol	Median	IQR	Min	Max
4mWT	Comfortable	4,99	2,98	2,66	33,00
	Fast	3,56	2,59	1,90	18,37
6mWT	Comfortable	7,03	4,40	4,13	50,94
	Fast	5,41	3,28	2,66	28,19

Walk Test	Walking Speed Protocol	Male				Female			
		Median	IQR	Min	Max	Median	IQR	Min	Max
4mWT	Comfortable	4,99	2,57	2,66	19,97	5,06	6,61	3,37	33,00
	Fast	3,56	2,23	1,90	18,37	3,59	4,19	2,00	14,83
6mWT	Comfortable	6,49	4,16	4,13	35,22	8,03	8,32	4,88	50,94
	Fast	4,98	2,90	2,66	28,19	5,55	6,30	3,31	25,75

TIME AUTOMATIC

They do not have a normal distribution - The median and interquartile range are calculated

Walk Test	Walking Speed Protocol	Median	IQR	Min	Max
4mWT	Comfortable	4,99	2,79	2,70	20,62
	Fast	3,59	2,58	2,10	19,06
6mWT	Comfortable	6,87	4,31	3,97	33,63
	Fast	5,15	2,88	2,76	27,98

Walk Test	Walking Speed Protocol	Male				Female			
		Median	IQR	Min	Max	Median	IQR	Min	Max
4mWT	Comfortable	5,11	2,64	2,70	20,62	4,78	4,37	3,20	13,91
	Fast	3,62	1,92	2,10	19,06	3,56	4,11	2,25	15,16
6mWT	Comfortable	6,47	4,28	3,97	33,63	6,96	4,35	4,77	20,54
	Fast	4,95	2,79	2,76	27,98	5,31	4,77	3,38	16,67

MANUAL - AUTOMATIC TIME CORRELATION (SPEARMAN)

Walk Test	Walking Speed Protocol	r

4mWT	**Comfortable**	0,9472
	Fast	0,9851
6mWT	**Comfortable**	0,9908
	Fast	0,9911