

Supplemental Table 1. Clinical characteristics comparisons between Telemedicine and Control Groups adjusted by age, gender, and previous visit outcome score

	4-month Visit			8-month Visit		
	Control group N=23	Telemedicine Group N=19	P-value	Control group N=23	Telemedicine Group N=19	P-value
MDS-UPDRS						
MDS-UPDRS I	12.00 (8.00 ; 19.00)	10.00 (5.00 ; 15.00)	0.04	12.00 (9.00;18.00)	10.00 (7.00 ; 18.00)	0.65
MDS-UPDRS II	17.00 (14.00 ; 23.00)	17.00 (11.00 ; 19.00)	0.002	16.00 (11.00; 30.00)	14.00 (10.00 ; 25.00)	0.82
MDS-UPDRS III	42.00 (32.00 ; 49.00)	37.00 (30.00 ; 42.00)	0.55	38.00 (31.00 ; 51.00)	41.00 (31.00 ; 53.00)	0.53
MDS-UPDRS IV	7.00 (5.00 ; 10.00)	8.00 (4.00 ; 11.00)	0.93	8.00 (4.00 ; 10.00)	7.00 (6.00 ; 11.00)	0.53
FOGQ	12.00 (7.00 ; 15.00)	10.00 (4.00 ; 15.00)	<0.0001	13.00 (8.00 ;16.00)	11.00 (3.00 ; 16.00)	0.15
Mini-BESTest	24.00 (17.00 ; 25.00)	23.00 (19.00 ; 25.00)	<0.0001	23.00 (13.00 ;24.00)	21.00 (15.00 ; 25.00)	<0.0001
FRIED	0.00 (0.00 ; 2.00)	1.00 (0.00 ; 2.00)	0.001	1.00 (0.00 ; 3.00)	1.00 (0.00 ; 2.00)	0.01
Falls over last month	1.00 (0.00;2.00)	0.00 (0.00;1.00)	0.39	1.00 (0.00;3.00)	1.00 (0.00;1.00)	0.56
NMSS	70.00 (59.00 ; 122.00)	62.00 (41.00 ; 78.00)	0.004	85.00 (57.00 ; 119.00)	66.00 (41.00 ; 109.00)	0.05
PDSS	99.00 (75.00 ; 111.00)	111.00 (95.00 ; 117.00)	0.002	95.00 (59.00 ; 115.00)	104.00 (96.00 ; 115.00)	0.01
LARS	-21.00 (-31.00 ; -10.00)	-29.00 (-32.00 ; -22.00)	<0.0001	-23.00 (-33.00 ; -9.00)	-28.00 (-32.00 ; -18.00)	0.002
BDI-II	16.00 (9.00 ; 19.00)	10.00 (5.00 ; 14.00)	<0.0001	14.00 (7.00 ; 20.00)	10.00 (4.00 ; 16.00)	<0.0001
EUROHIS-QOL-8	28.00 (24.00 ; 30.00)	30.00 (26.00 ; 31.00)	<0.0001	26.00 (24.00 ; 29.00)	29.00 (25.00 ; 31.00)	0.02
STAT-ON™						
Walking time (m/day)	56.45 (41.53 ; 100.48)	64.10 (37.48 ; 94.75)	0.19	60.30 (41.55 ; 110.95)	62.15 (44.28 ; 81.08)	0.87
Number of steps/day	6.554 (3.813 ; 11.026)	6.898 (3.452 ; 9.654)	0.14	6.917 (4.283 ; 12.673)	6.777 (4.579 ; 8.666)	0.96
Bradykinesia Index	7.88 (7.39 ; 8.10)	7.20 (6.54 ; 7.91)	0.22	7.90 (7.25 ; 8.20)	7.20 (6.49 ; 8.15)	0.88
FOG/day	1.40 (0.00 ; 4.73)	2.10 (1.03 ; 11.83)	0.08	1.50 (0.50 ; 4.45)	2.80 (1.28 ; 14.23)	0.58
% On time/day	32.40 (15.95 ; 40.78)	28.30 (13.23 ; 37.10)	0.49	29.80 (16.90 ; 38.30)	30.15 (17.75 ; 35.95)	0.08
QALYs	0.68 (0.25 ; 0.87)	0.68 (0.25 ; 0.87)	0.15	0.65 (0.51 ; 0.84)	0.65 (0.51 ; 0.80)	0.39

4 and 8-month visits comparison were adjusted for age, gender, and baseline and 4-month visit scores, respectively. All variables are expressed in median (interquartile range). MDS-UPDRS (Movement Disorder Society-Unified Parkinson's disease rating scale); FOGQ (Freezing of Gait Questionnaire); MINI-BEST (Mini Balance Evaluation Systems Test); Fried (Fried Frailty Index); Number of Falls over the last month; NMSS (Non-Motor Symptoms Scale); PDSS (Parkinson's Disease Sleep Scale); LARS (Lille Apathy Rating Scale); BDI-II (Beck Depression Inventory-II); PDSS (Parkinson's Disease Sleep Scale); EUROHIS-QOL (the Quality of life European Health Interview Survey-Quality of Life 8 item index). Walking time m/day (Average walking time minutes/day); Number steps/day. FOG/day (average number of episodes of FOG/day. % On time/day (average % On time over the last week). Quality-adjusted life-years (QALYs).