

	FAST (n=105)	SLOW (n=84)	F _{1,187}	Corrected P	eta2
Mean age, years	70.05 (5.17)	71.00 (4.32)	1.831	0.178	0.01
Spatiotemporal parameters					
Gait speed (cm/second)	79.20 (22.35)	36.91 (16.27)	211.11	<0.001	0.53
Stride length, unaffected (cm)	89.56 (19.69)	47.70 (18.81)	219.44	<0.001	0.54
Stride length, affected (cm)	89.38 (19.38)	47.99 (19.22)	214.39	<0.001	0.534
Step length, unaffected (cm)	42.93 (10.02)	23.60 (9.34)	184.47	<0.001	0.497
Step length, affected (cm)	46.41 (11.49)	24.20 (11.15)	178.91	<0.001	0.489
Cadence (steps/minute)	105.49 (15.87)	93.91 (25.03)	14.96	<0.001	0.074
Initial double support, unaffected (seconds)	0.24 (0.11)	0.66 (1.09)	15.27	<0.001	0.076
Initial double support, affected (seconds)	0.21 (0.09)	0.52 (0.71)	19.31	<0.001	0.094
Single support, unaffected (seconds)	0.57 (0.12)	0.85 (0.42)	43.46	<0.001	0.189
Single support, affected (seconds)	0.49 (0.09)	0.57 (0.20)	16.31	<0.001	0.08
Terminal double support, unaffected (seconds)	0.23 (0.09)	0.62 (1.02)	15.77	<0.001	0.078
Terminal double support, affected (seconds)	0.22 (0.09)	0.49 (0.63)	19.54	<0.001	0.095
Kinematic parameters (degrees)					
Stance phase					
Hip extension, unaffected	0.68 (8.94)	19.20 (9.49)	189.62	<0.001	0.503
Hip extension, affected	0.90 (9.53)	19.50 (8.38)	197.77	<0.001	0.514
Knee flexion, unaffected	26.37 (8.19)	29.80 (7.55)	8.79	0.004	0.045
Knee flexion, affected	25.21 (8.39)	28.59 (7.40)	8.43	0.005	0.043
Ankle dorsiflexion, unaffected	15.49 (4.59)	15.60 (4.79)	0.02	0.875	0.00
Ankle dorsiflexion, affected	15.57 (4.54)	14.53 (4.82)	2.31	0.134	0.012
Swing phase					
Hip flexion, unaffected	35.42 (9.79)	39.81 (8.45)	10.62	0.002	0.054
Hip flexion, affected	35.17 (9.80)	38.59 (8.60)	6.32	0.014	0.033
Knee flexion, unaffected	61.07 (11.59)	55.80 (10.53)	10.48	0.002	0.053
Knee flexion, affected	60.75 (11.42)	52.52 (13.57)	20.52	<0.001	0.099
Ankle dorsiflexion, unaffected	9.90 (5.35)	14.95 (4.63)	46.72	<0.001	0.2
Ankle dorsiflexion, affected	9.87 (6.84)	13.02 (5.40)	11.87	0.001	0.06
Kinetic parameters					
Moment (Nm/kg)					
Hip extension, unaffected	0.94 (1.00)	0.70 (0.73)	3.43	0.072	0.018
Hip extension, affected	0.73 (0.56)	0.58 (0.61)	3.08	0.086	0.016
Knee extension, unaffected	1.13 (1.18)	0.73 (0.48)	8.63	0.005	0.044
Knee extension, affected	1.03 (0.85)	0.75 (0.49)	7.08	0.01	0.036
Ankle extension, unaffected	1.30 (0.86)	0.81 (0.51)	21.88	<0.001	0.105
Ankle extension, affected	1.22 (0.55)	0.71 (0.58)	38.85	<0.001	0.172
Power generation (Watt/kg)					
Hip, unaffected	1.33 (1.43)	0.50 (0.51)	25.51	<0.001	0.12
Hip, affected	0.93 (0.85)	0.40 (0.38)	28.64	<0.001	0.133
Knee, unaffected	1.55 (1.89)	0.42 (0.39)	28.76	<0.001	0.133
Knee, affected	1.13 (1.14)	0.37 (0.37)	34.74	<0.001	0.157
Ankle, unaffected	2.16 (1.79)	0.65 (0.60)	54.95	<0.001	0.227
Ankle, affected	1.91 (1.20)	0.59 (0.70)	80.22	<0.001	0.3

Data are mean (SD).

Supplementary Table 2. Quantitative gait analysis data in subgroups within the Parkinsonian disorder group