

**Supplementary Table 2.** Correlation and comparison of demographic and clinical variables with turning gait parameters

	Age	Sex	Disease duration	LEDD
Time required for turning	0.42 (5.88×10 <sup>-4</sup> )	0.96	0.11 (0.38)	0.08 (0.55)
Variability of mean turning time	-0.14 (0.26)	0.73	0.02 (0.89)	-0.14 (0.28)
Number of steps for turning	0.17 (0.19)	0.29	0.31 (0.01)	0.10 (0.43)
Variability of number of steps for turning	-0.20 (0.12)	0.95	0.28 (0.03)	0.18 (0.16)
Step base during turning	0.11 (0.38)	0.72	0.24 (0.05)	0.28 (0.03)
Variability of step base during turning	0.05 (0.72)	0.72	0.11 (0.40)	0.10 (0.44)
Step length during turning	-0.27 (0.03)	0.10	-0.10 (0.44)	-0.18 (0.17)
Variability of step length during turning	-0.04 (0.78)	0.58	-0.13 (0.31)	0.02 (0.87)
Turning velocity	-0.38 (2.14×10 <sup>-3</sup> )	0.18	-0.07 (0.58)	-0.16 (0.22)

Numbers are presented as a standardized coefficient (*p* value) in age, disease duration and LEDD with Spearman correlation between variables. The numbers are represented as *p* values for sex, calculated using *t*-tests. LEDD, levodopa equivalent daily dose.