

Table 1. Demographic and clinical features (TD, PIGD, and control groups).

<b>Characteristics</b>	<b>TD</b> (n=23, 39%)	<b>PIGD</b> (n= 23, 39%)	<b>Control</b> (n= 13, 22%)	<b>Statistic</b>
<b>Age</b>	61.8 ± 11.5 (37, 76)	58.9 ± 10.4 (44, 80)	63.6 ± 8.0 (51, 77)	F = 0.95; p = 0.3911
<b>Sex</b>				X <sup>2</sup> = 1.59; p = 0.4502
<b>Male, n (%)</b>	16 (69.6%)	17 (73.9%)	7 (53.9%)	
<b>Female, n (%)</b>	7 (30.4%)	6 (26.1%)	6 (46.1%)	
<b>Education (y)</b>	16.0 ± 4.7 (8, 30)	14.6 ± 5.0 (3, 22)	17.0 ± 3.1 (11, 21)	F = 1.28; p = 0.2851
<b>MoCA</b>	25.7 ± 2.5 (20, 29)	24.0 ± 3.6 (16, 30)	26.4 ± 2.6 (21, 29)	F = 3.29; p = 0.0441
<b>PDCRS</b>	98.0 ± 13.4 (66, 117)	93.6 ± 16.4 (69, 120)	101 ± 10.5 (78, 111)	F = 1.29; p = 0.2831
<b>BDI</b>	9.2 ± 7.4 (0, 27)	11.0 ± 5.5 (2, 23)	4.7 ± 3.4 (0, 10)	F = 9.41; p = <0.0011
<b>HADS</b>	11.7 ± 7.7 (3, 36)	12.3 ± 5.5 (3, 21)	4.7 ± 3.7 (0, 11)	X <sup>2</sup> = 13.8; p = 0.0013
<b>RBD</b>	5.5 ± 2.5 (1, 10)	6.0 ± 3.3 (2, 13)	2.8 ± 3.2 (0, 11)	X <sup>2</sup> = 10.4; p = 0.0063
<b>Hoehn yahr</b>	1.3 ± 0.5 (1, 2)	1.74 ± 0.5 (1, 3)		U = 158; p = 0.0084
<b>MDS-UPDRS III</b>	19.7 ± 9.6 (8, 45)	26.7 ± 12.8 (7, 53)		t = -2.11; p = 0.0415
<b>Tremor score</b>	0.7 ± 0.4 (0.1, 1.7)	0.3 ± 0.2 (0, 0.7)		U = 76.5; p = <0.0014
<b>PIGD score</b>	0.2 ± 0.2 (0, 0.6)	1.0 ± 0.7 (0.2, 2.6)		U = 27.5; p = <0.0014

Figure 1. Tractometry results for the group analysis of PD-TD and PD-PIGD patients for all tracts. The blue and orange line show the mean FA along each tract for the respective group and the 95% confidence interval. The red dotted line indicates in a binary way at which positions along the tract there are significant differences between the two groups.

