

**Supplementary Table 1.** Comparison of KPPS-Arabic and KPPQ-Arabic items between patients with PD and controls

	Patients with Parkinson's disease ( <i>n</i> = 192)	Control ( <i>n</i> = 100)	Mann-Whitney test	
			Z	<i>p</i> value
<b>KPPS-Arabic items scores</b>				
Item 1: Pain around joints (musculoskeletal)	3 (1–6)	1 (0–3)	-5.635	<0.001
Item 2: Pain deep within the body	2 (0–4)	0 (0–1)	-4.761	<0.001
Item 3: Pain related to internal organ	1 (0–2)	0 (0–1)	-8.187	<0.001
Item 4: Dyskinetic pain	1 (0–4)	0 (0–0)	-8.632	<0.001
Item 5: "Off" dystonia in a region	1 (0–4)	0 (0–0)	-7.801	<0.001
Item 6: Generalized "off" period pain	0 (0–4)	0 (0–0)	-7.753	<0.001
Item 7: PLM or RLS-associated pain	2 (0–4)	0 (0–0)	-9.877	<0.001
Item 8: Pain while turning in bed	2 (0–6)	0 (0–0)	-5.958	<0.001
Item 9: Pain when chewing	0 (0–2)	0 (0–0)	-5.667	<0.001
Item 10: Pain due to grinding teeth	0 (0–1)	0 (0–0)	-4.691	<0.001
Item 11: Burning mouth syndrome	0 (0–1)	0 (0–0)	-6.476	<0.001
Item 12: Burning pain in the limbs	1 (0–3)	0 (0–0)	-4.088	<0.001
Item 13: Lower abdominal pain	0 (0–2)	0 (0–1)	-4.568	<0.001
Item 14: Shooting pain/pins and needles	2 (0–4)	0 (0–1)	-5.014	<0.001
<b>KPPQ prevalence</b>				
Q. 1: Pain around joints (musculoskeletal)	155 (80.7)	61 (61.0)	13.293*	<0.001
Q. 2: Pain related to internal organ	106 (55.2)	33 (33.0)	13.002*	<0.001
Q. 3: Lower abdominal pain	95 (49.5)	22 (22.0)	20.676*	<0.001
Q. 4: Pain deep within the body	103 (53.6)	8 (8.0)	58.141*	<0.001
Q. 5: Dyskinetic pain	107 (55.7)	9 (9.0)	59.964*	<0.001
Q. 6: "Off" dystonia in a region	121 (63.0)	0 (0)	107.615*	<0.001
Q. 7: Generalized "off" period pain	91 (47.4)	13 (13.0)	33.924*	<0.001
Q. 8: PLM or RLS-associated pain	111 (57.8)	13 (13.0)	54.044*	<0.001
Q. 9: Pain while turning in bed	118 (61.5)	7 (7.0)	79.650*	<0.001
Q. 10: Pain when chewing	71 (37.0)	2 (2.0)	42.908*	<0.001
Q. 11: Pain due to grinding teeth	67 (34.9)	17 (17.0)	10.277*	0.001
Q. 12: Burning mouth syndrome	59 (30.7)	13 (13.0)	11.125*	0.001
Q. 13: Burning pain in the limbs	91 (47.4)	18 (18.0)	24.287*	<0.001
Q. 14: Shooting pain/pins and needles	106 (55.2)	35 (35.0)	10.753*	<0.001

Values are presented as *n* (%) or median (interquartile range). *p* value is significant if <0.05.

\*chi-square test was used.

KPPS, King's Parkinson's Disease Pain Scale; KPPQ, King's Parkinson's Disease Pain Questionnaire; PD, Parkinson's disease; PLM, periodic limb movements; RLS, restless legs syndrome.