

**Supplementary Table 1.** Difference in age, sex, disease duration, UPDRS III, NMSQ, PDSS, SCOPA-AUT, and LEDD in regard to seborrheic dermatitis

Parameter	Seborrheic dermatitis		U	Z	p
	Yes	No			
Age (yr)	72 (64–80)	68 (60–72)	287	-1.901	0.057*
Sex (female:male)	5:17	17:22	-	-	0.103 <sup>†</sup>
Disease duration (yr)	7 (3.5–11.5)	6 (3–10)	392.5	-0.264	0.791*
UPDRS III	20 (14.5–26)	14 (9–21)	272	-2.134	0.033*
SCOPA-AUT	14 (7.5–21.5)	14 (9–25)	375.5	-0.512	0.609*
LEDD (mg)	550 (270–744.5)	570 (400–860)	370	-0.612	0.540*
NMSQ	9.52±5.66	9.77±5.69	-	-	0.874 <sup>†</sup>
PDSS	105.98±29.95	95.48±30.94	-	-	0.208 <sup>†</sup>

Data are *n*, mean±standard-deviation or median (IQR) values.

\*Mann-Whitney U test; <sup>†</sup>Student's *t*-test; \*Chi-square test.

IQR, interquartile range; LEDD, levodopa-equivalent daily dose; NMSQ, Non-Motor Symptoms Questionnaire; PDSS, Parkinson's Disease Sleep Scale; SCOPA-AUT, Scales for Outcomes in Parkinson's Disease-Autonomic Dysfunction; UPDRS III, Unified Parkinson's Disease Rating Scale part III.