

Supplementary Table 2. Characteristics of iRBD patients with and without olfactory impairment

Characteristics	Olfactory impairment (n = 10)	No olfactory impairment (n = 20)	p-value*
Age, yr	72.6 ± 5.1	68.9 ± 5.6	0.107
Sex, F/M (n)	2/8	12/8	0.058 [†]
Duration of RBD, yr	4.9 ± 3.2	4.0 ± 3.0	0.464
K-MMSE score	28.4 ± 1.9	27.2 ± 2.1	0.093
GDS-15 score	6.4 ± 3.0	5.8 ± 3.1	0.561
MDS-UPDRS score			
Part I	8.9 ± 3.6	6.3 ± 3.2	0.060
Part II	4.0 ± 3.8	3.0 ± 3.0	0.561
Part III	6.6 ± 3.9	5.4 ± 5.3	0.269
NMSS score, total	31.8 ± 25.8	20.2 ± 15.4	0.154
Neuropsychological tests, z-score			
TMT-A	-0.47 ± 0.68	-0.66 ± 1.17	0.914
SVLT-immediate recall	-0.42 ± 1.06	-0.18 ± 0.97	0.456
SVLT-delayed recall	-0.79 ± 1.18	-0.66 ± 1.10	1.000
SVLT-recognition	-0.24 ± 0.65	-0.37 ± 1.24	0.957
K-CWST-color	-1.05 ± 0.63	-0.63 ± 0.89	0.153
COWAT-semantic	-0.24 ± 1.23	-0.41 ± 0.83	0.686
COWAT-phonemic	-0.60 ± 0.90	-0.83 ± 0.85	0.467
TMT-B	-2.03 ± 2.68	-0.66 ± 1.34	0.388
RCFT copy	-1.50 ± 1.10	-2.27 ± 1.75	0.322

Data are shown as mean ± standard deviation, unless otherwise indicated. *comparison between the two groups by Mann-Whitney test, [†]comparison among the three groups by the Fisher's Exact test. iRBD: idiopathic rapid eye movement sleep behavior disorder, K-MMSE: Korean version of Mini-Mental Status Examination, GDS: Geriatric Depression Scale; MDS-UPDRS: Movement Disorders Society revised Unified PD Rating Scale; NMSS: Non-Motor Symptom Scale; RCFT: Rey Complex Figure Test; SVLT: Seoul Verbal Learning Test; K-CWST: Korean Color Word Stroop Test; TMT: Trail Making Test, COWAT: Controlled Oral Word Association Test.