



## Arousal Characteristics in Patients with Parkinson's Disease and Isolated Rapid Eye Movement Sleep Behavior Disorder

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**Supplementary Materials for “Arousal Characteristics in Patients with Parkinson’s Disease and Isolated Rapid Eye Movement Sleep Behavior Disorder”**

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**Table S1: Baseline study wake/sleep scoring accuracy across sleep stages in all groups.**

	W	N1	N2	N3	REM	All
<b>HC</b>	0.731 ± 0.139	0.948 ± 0.096	0.992 ± 0.043	0.998 ± 0.008	0.993 ± 0.022	0.924 ± 0.045
<b>iRBD</b>	0.769 ± 0.133	0.922 ± 0.077	0.986 ± 0.027	0.994 ± 0.023	0.931 ± 0.131	0.922 ± 0.041
<b>PD</b>	0.771 ± 0.143	0.928 ± 0.110	0.993 ± 0.037	0.997 ± 0.016	0.983 ± 0.065	0.931 ± 0.046
<b>PD+RBD</b>	0.797 ± 0.171	0.849 ± 0.171	0.954 ± 0.159	0.927 ± 0.247	0.879 ± 0.232	0.879 ± 0.116
<b>All</b>	0.759 ± 0.146	0.924 ± 0.117	0.986 ± 0.070	0.988 ± 0.091	0.967 ± 0.112	0.920 ± 0.062

**Accuracy metrics are reported as mean ± standard deviation. HC: healthy controls; iRBD: isolated**

**rapid eye movement sleep behavior disorder; PD: Parkinson's Disease; PD+RBD: Parkinson's**

**Disease with comorbid rapid eye movement sleep behavior disorder.**

**Table S2: Follow-up study wake/sleep scoring accuracy across sleep stages in all groups.**

	W	N1	N2	N3	REM	All
<b>HC</b>	0.804 ± 0.134	0.921 ± 0.098	0.994 ± 0.020	0.999 ± 0.006	0.989 ± 0.034	0.931 ± 0.039
<b>iRBD</b>	0.748 ± 0.240	0.819 ± 0.133	0.922 ± 0.127	0.843 ± 0.324	0.804 ± 0.235	0.827 ± 0.141
<b>PD</b>	0.774 ± 0.159	0.895 ± 0.146	0.990 ± 0.021	0.992 ± 0.036	0.997 ± 0.011	0.926 ± 0.044
<b>PD+RBD</b>	0.731 ± 0.227	0.805 ± 0.246	0.935 ± 0.139	0.956 ± 0.160	0.854 ± 0.241	0.862 ± 0.091
<b>All</b>	0.773 ± 0.179	0.877 ± 0.166	0.972 ± 0.084	0.974 ± 0.129	0.943 ± 0.154	0.903 ± 0.080

**Accuracy metrics are reported as mean ± standard deviation. HC: healthy controls; iRBD: isolated**

**rapid eye movement sleep behavior disorder; PD: Parkinson's Disease; PD+RBD: Parkinson's**

**Disease with comorbid rapid eye movement sleep behavior disorder.**