



**Supplementary Figure 2.** Correlational analysis between nocturnal disability and clinical variables in PD patients ( $n = 108$ ). (A) MDS-UPDRS-I total score, (B) MDS-UPDRS-II total score, (C) MDS-UPDRS-III total score, (D) MDS-UPDRS-IV total score, (E) H&Y stage, (F) Total LED, (G) K-MMSE score, MDS-UPDRS-III item scores for (H) Axial, (I) Bradykinesia, and (J) Rigidity, MDS-UPDRS-IV item scores for (K) Dyskinesias disability, (L) Off disability, (M) Motor fluctuations, and (N) Painful off dystonia. PD: Parkinson's disease, NHQ-K: Korean version of the Nocturnal Hypokinesia Questionnaire, MDS-UPDRS: Movement Disorders Society-Unified Parkinson's Disease Rating Scale, H&Y stage: Hoehn and Yahr stage, LED: levodopa equivalent dose, K-MMSE: Korean version of the Mini-Mental State Examination.