5. Supplementary data

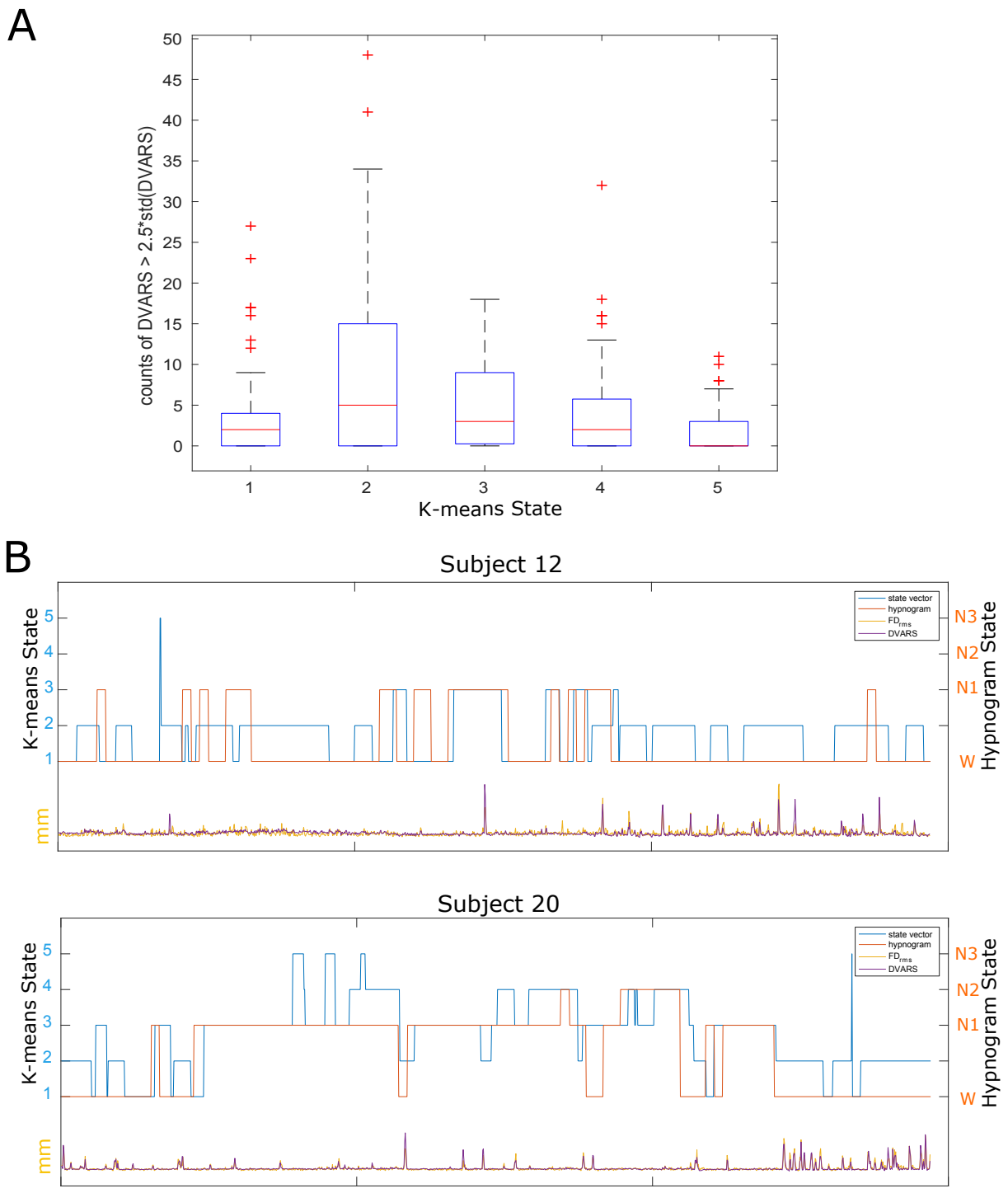

Figure S1: A) Count of number of DVARS of raw data exceeding 2.5 times its standard deviation by K-means state assignment. One-way ANOVA on mean differences in counts is significant with F=8.9 and $p <$ 1e-05. A similar result is observed using subject FD values. B) Example subject state vector plotted along with his/her hynogram and head movement summaries (DVARS and FD). As seen, State 2 FC estimates seems to be contaminated by bigger jerky movements from subjects. .

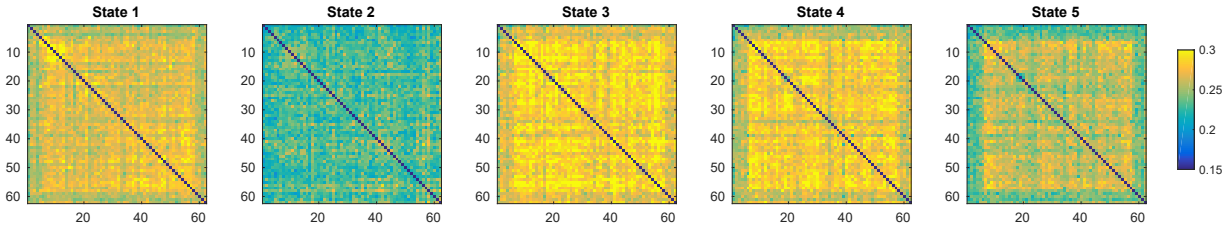

Figure S2: Standard deviation of the dFNC estimates by K-means state. The standard deviation increases for most pairs for States 3 and 4 compared wakeful state 1 and the variability of dFC reduces during deep sleep stage N3.