

**Supplementary Figure 2**. The illustration of reproducibility of temporal variabilities in different windows size (15TR, 22TR, 30TR). (**A1**) The mean variability maps for HIV patients (HIV) at 5TR, 22TR, and 30TR. (**B1**) the mean variability for healthy controls (HCs). (**C1**) The group differences (HIV–HCs) in connectivity variabilities.