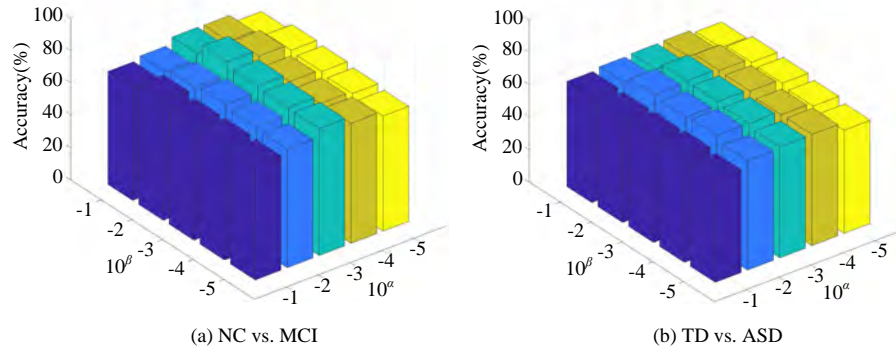


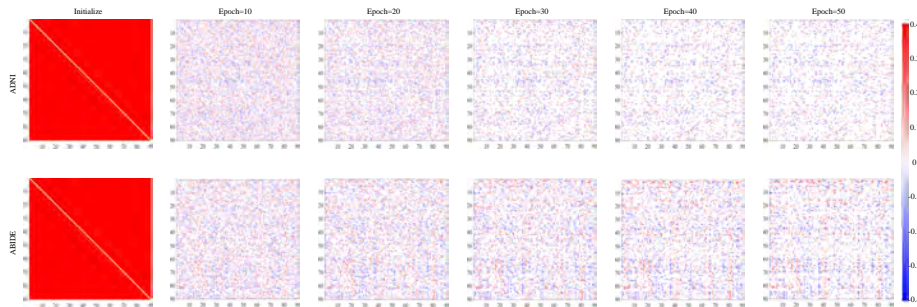
## Appendix

### A Hyper-parameter Sensitivity



**Fig. 1.** Accuracy of our method on two tasks with different settings of  $\alpha$  and  $\beta$ .

### B Brain Connectivity Structure



**Fig. 2.** Visualization results of the average brain networks/graphs of all subjects with different epochs. The first column is the initial brain network, which is a  $90 \times 90$  matrix with 0 on the diagonal and 1 elsewhere. The last column, Epoch=50, is the final brain network/graph after 50 epochs.