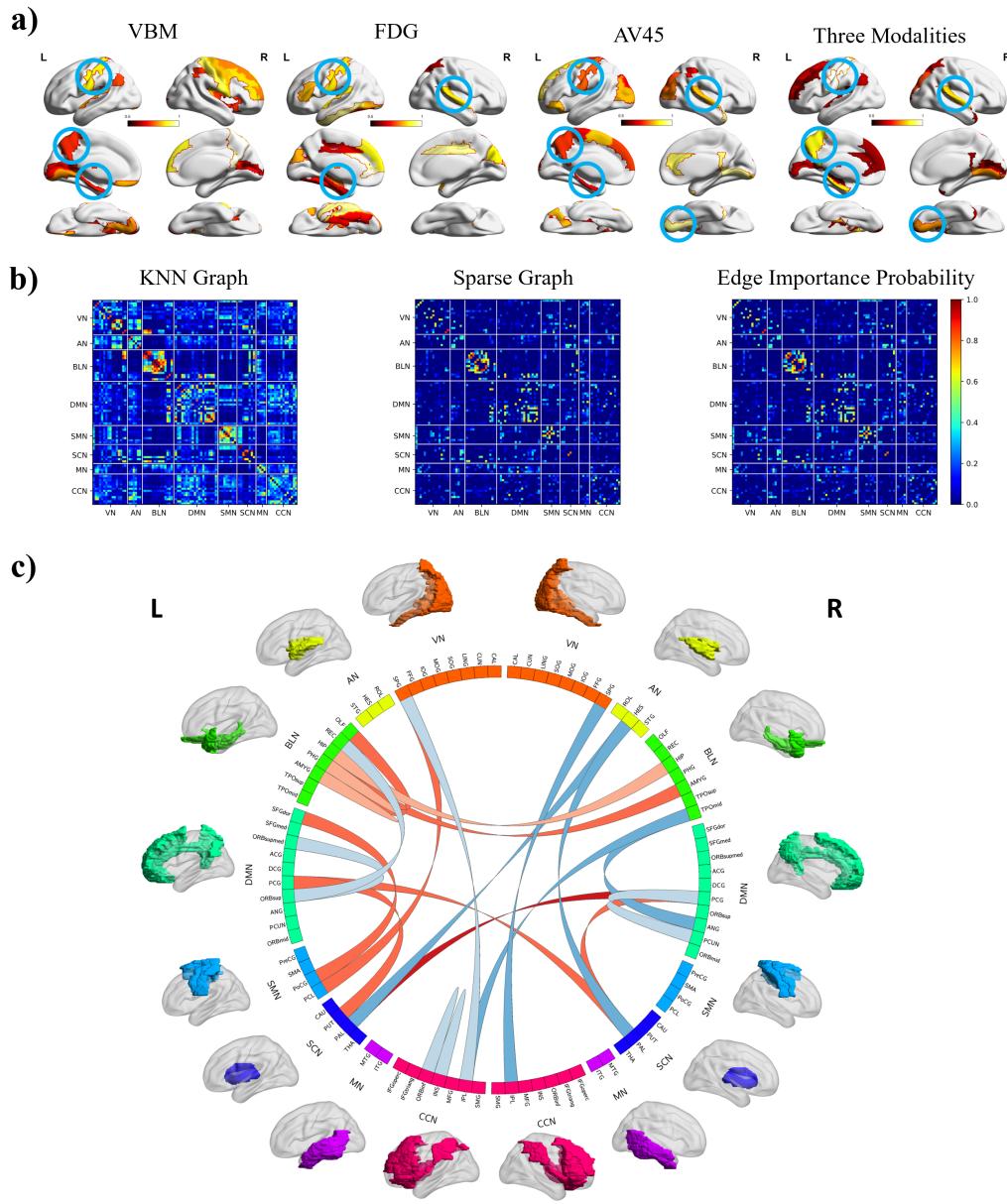
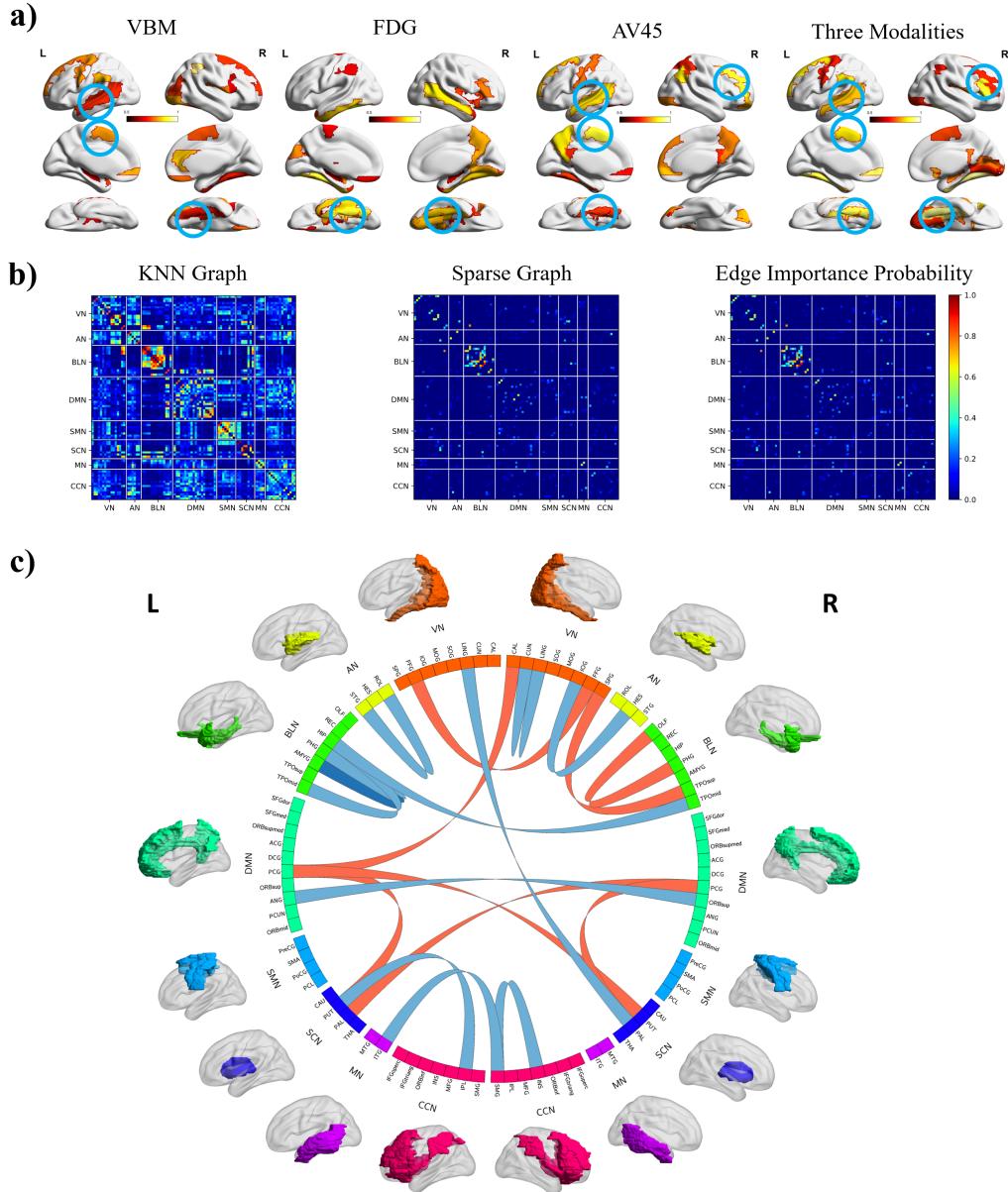


## SUPPLEMENTARY MATERIAL



**Fig. S1.** The interpretation of salient ROIs and the most discriminative brain connections in **distinguishing AD from MCI**. This interpretation in MCI vs. AD was reported by using the same strategy from HC vs. AD analysis.



**Fig. S2.** The interpretation of salient ROIs and the most discriminative brain connections in **distinguishing pMCI from sMCI**. This interpretation in sMCI vs. pMCI was reported by using the same strategy from HC vs. AD analysis.