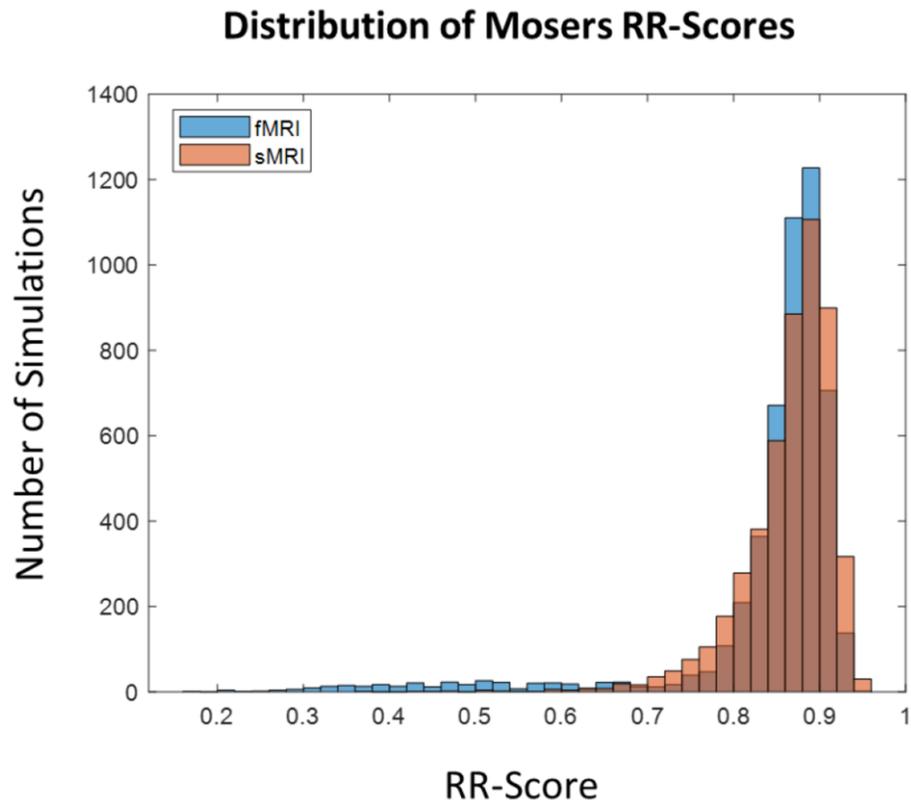
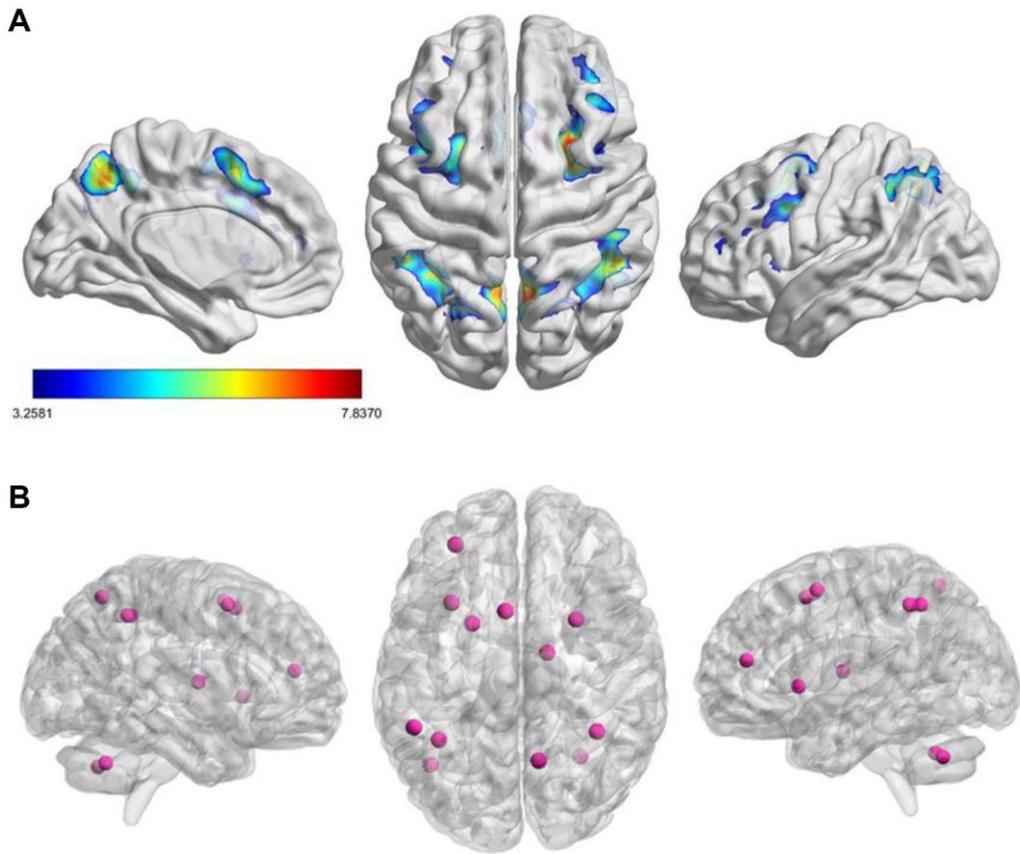


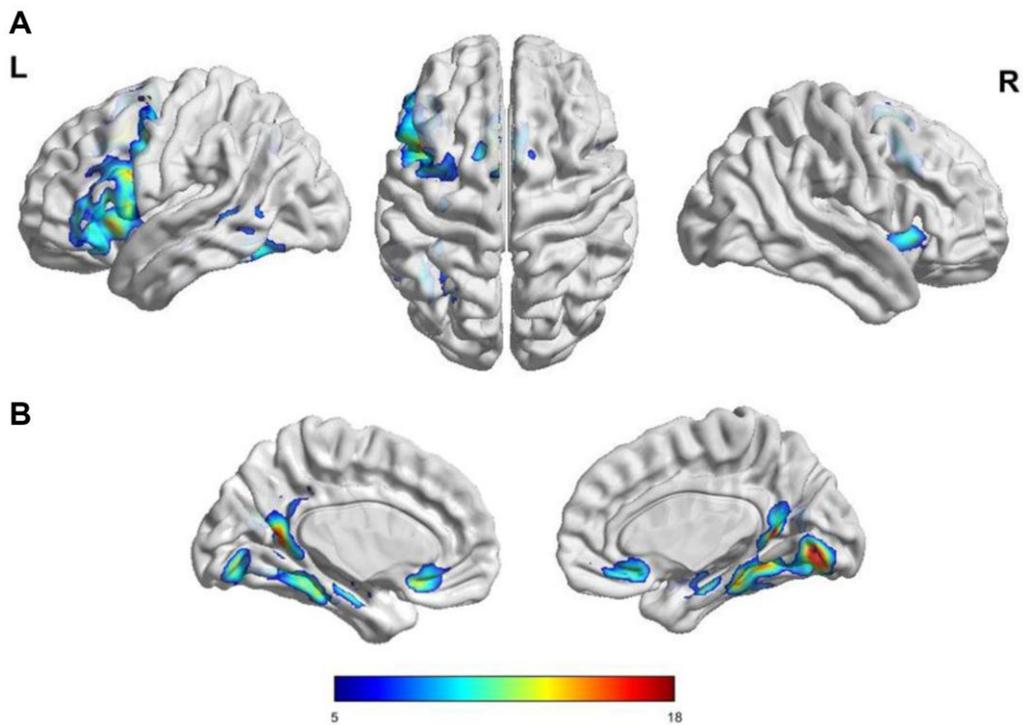
SUPPLEMENTARY FIGURES



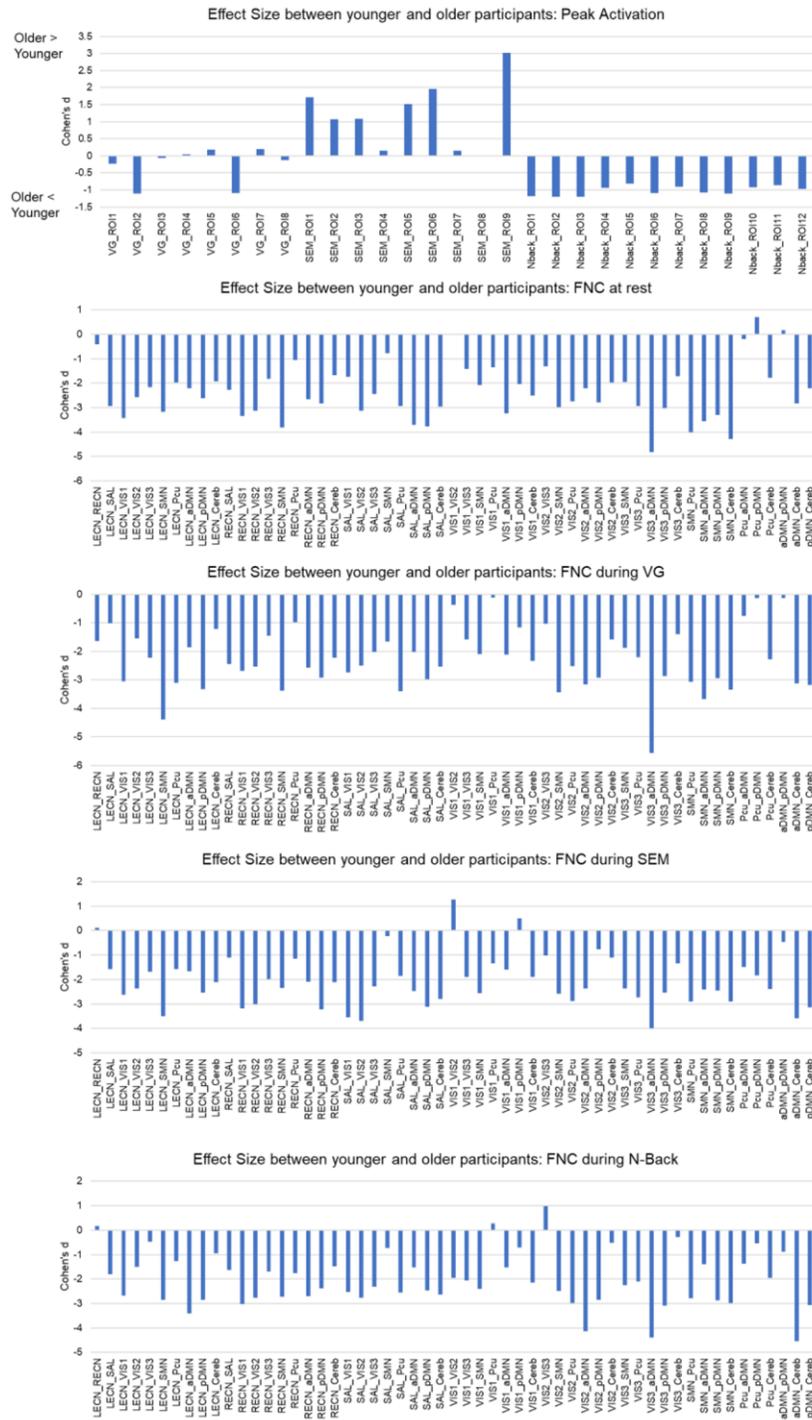
Supplementary Figure 1. Distribution of the redundancy-reliability (RR) score for each sCCA, over the 5,000 simulations.



Supplementary Figure 2. Working memory network identified in the 2back-0back contrast across all participants, during the n-back fMRI task. (A) Activation map, (B) 12 nodes reflecting the activation peaks (coordinates are provided in Supplementary Table 6).



Supplementary Figure 3. Activation Maps for the Verb Generation (A) and Scene Encoding Memory Task (B).



Supplementary Figure 4. Effect size between younger and older participants for each functional variable. A positive score reflects higher activation/connectivity in the older than in the younger participants.