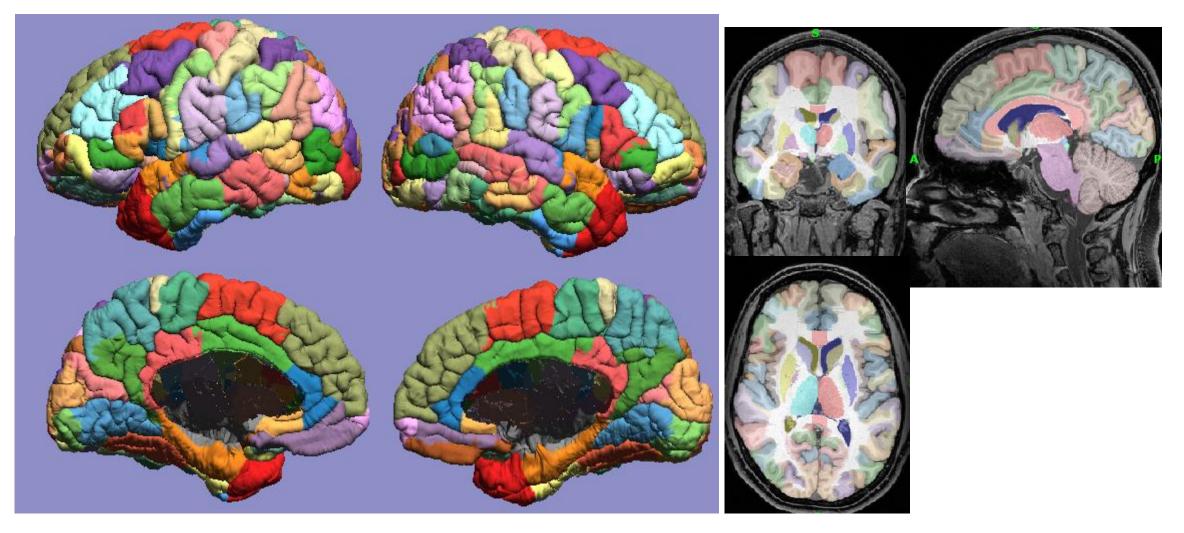


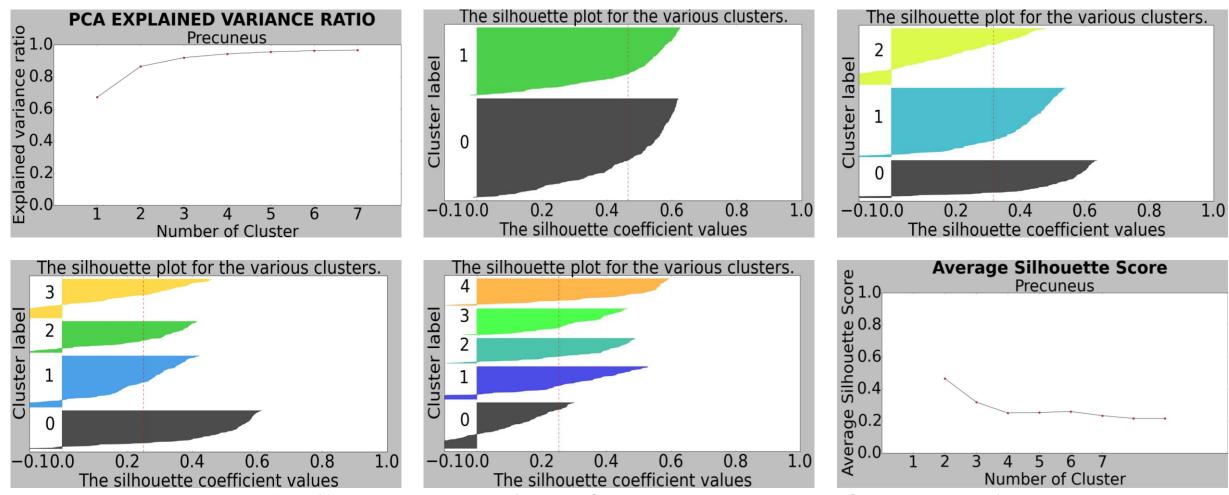
(a) Surface based parcellation

(b) Volumetric parcellation



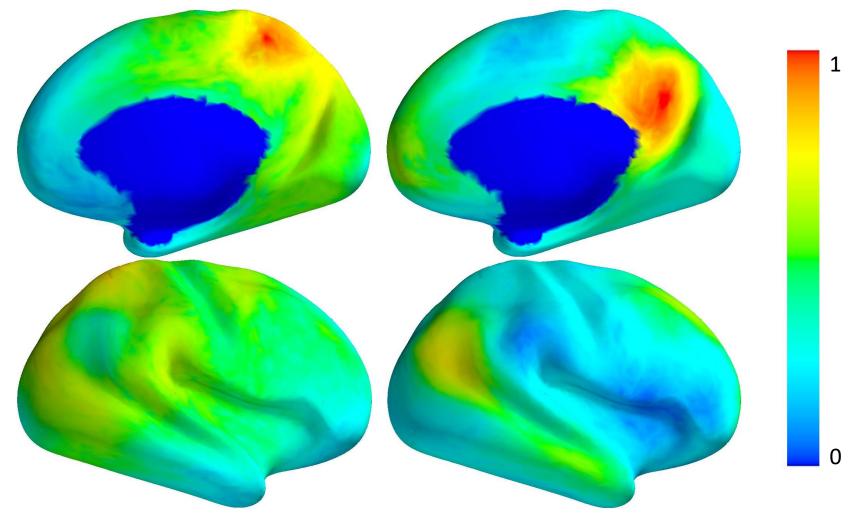
(a) Surface based parcellation

(b) Volumetric parcellation

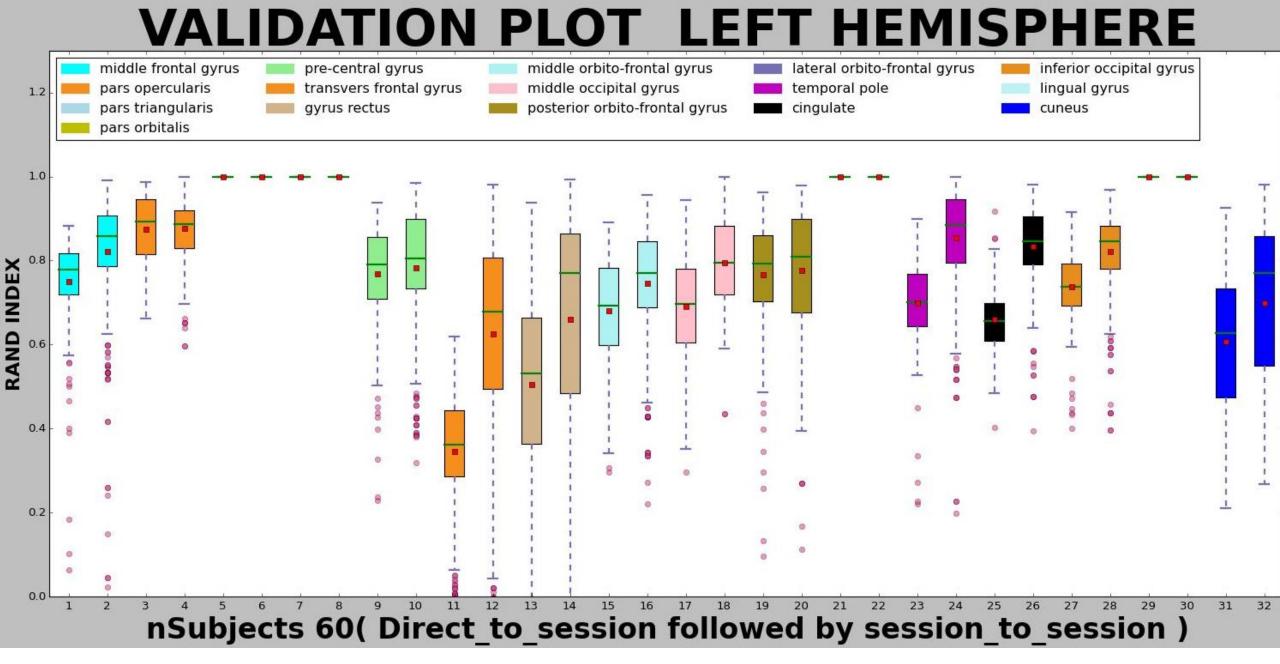


PCA and Silhouette analysis for Precuneus Left Hemisphere

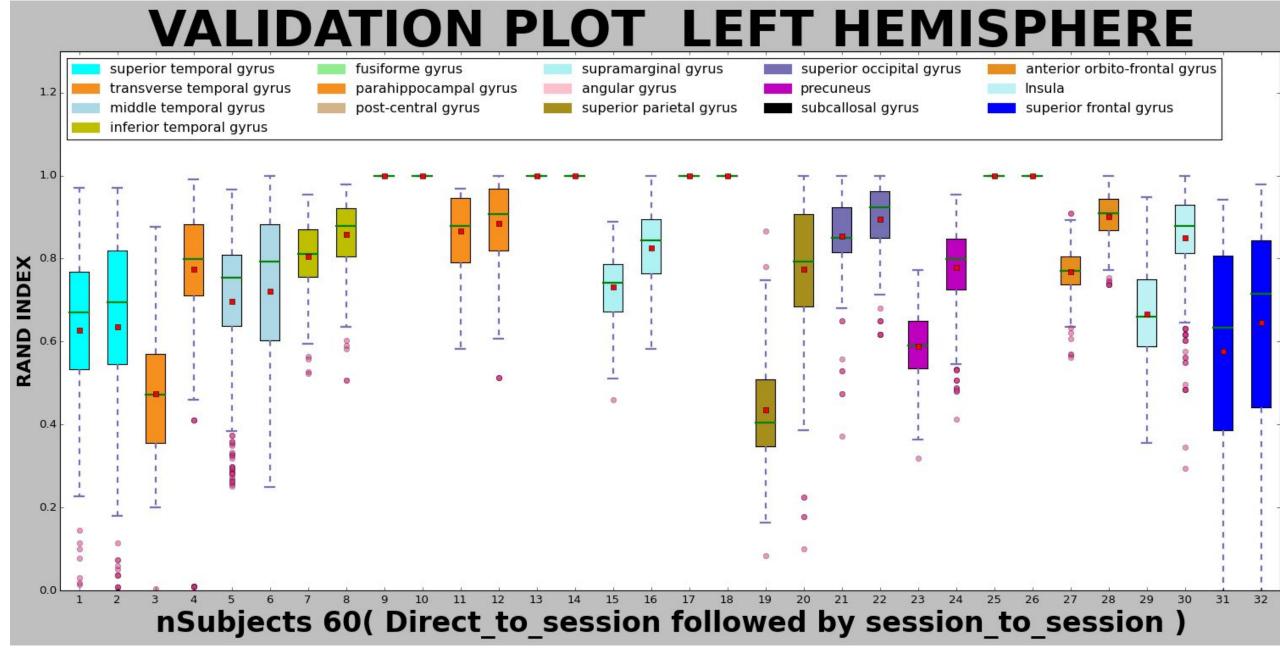
**Cluster 1 connectivity to rest of cortex Cluster 2 connectivity to rest of cortex** 



Functional Connectivity for Precuneus: 2 Cluster



Each ROI has two boxes Direct-Session followed by session-to-session



Each ROI has two boxes Direct-Session followed by session-to-session

## VALIDATION PLOT RIGHT HEMISPHERE middle frontal gyrus pre-central gyrus middle orbito-frontal gyrus lateral orbito-frontal gyrus inferior occipital gyrus pars opercularis transvers frontal gyrus middle occipital gyrus temporal pole lingual gyrus 1.2 pars triangularis posterior orbito-frontal gyrus cingulate gyrus rectus cuneus pars orbitalis 1.0 RAND 31 nSubjects 60( Direct to session followed by session to session )

Each ROI has two boxes Direct-Session followed by session-to-session

## VALIDATION PLOT RIGHT HEMISPHERE superior temporal gyrus fusiforme gyrus post-central gyrus superior parietal gyrus precuneus transverse temporal gyrus parahippocampal gyrus supramarginal gyrus superior occipital gyrus Insula superior frontal gyrus middle temporal gyrus subcallosal gyrus angular gyrus anterior orbito-frontal gyrus inferior temporal gyrus RAND INDEX nSubjects 60( Direct to session followed by session to session )

Each ROI has two boxes Direct-Session followed by session-to-session