

Fuzzy-cluster parcellations based on genetic correlation of surface area (Chen, et al., 2012). Chen, C.H., Gutierrez, E.D., Thompson, W., Panizzon, M.S., Jernigan, T.L., Eyer, L.T., Fennema-Notestine, C., Jak, A.J., Neale, M.C., Franz, C.E., Lyons, M.J., Grant, M.D., Fischl, B., Seidman, L.J., Tsuang, M.T., Kremen, W.S., Dale, A.M. (2012) Hierarchical genetic organization of human cortical surface area. *Science*, 335:1634-6.

Parcellation	ROI Name	Left Hemisphere	Right Hemisphere
<i>2 clusters</i>	frontal	area_fuzzy2-lh.mgz	area_fuzzy2-rh.mgz
	posterior		
<i>4 clusters</i>	frontal	area_fuzzy4-lh.mgz	area_fuzzy4-rh.mgz
	occipital		
	temporal		
	parietal		
<i>12 clusters</i>	central	area_fuzzy12-lh.mgz	area_fuzzy12-rh.mgz
	occipital		
	posterolateraltemporal		
	superiorparietal		
	orbitofrontal		
	superiortemporal		
	inferiorparietal		
	dorsomedialfrontal		
	anteromedialtemporal		
	precuneus		
	dorsolateralprefrontal		
	parsopercularis		

Cluster files provided (e.g., area_fuzzy12-lh.mgz and area_fuzzy12-rh.mgz) are multi-frame surface data files compatible with FreeSurfer tools that can be overlaid on the FreeSurfer surface-based atlas brain (fsaverage). Fuzzy clusters are not mutually exclusive. Cluster membership values at each surface vertex range from 0 to 1.

Cluster files are available to researchers on request. Please email Chi-Hua Chen at chc101@ucsd.edu.