

Order 2 Order 1 Order 3 Order 5 Order 4 anterior insula voice voice integrate cuneus insula inferior spatially speech **v**1 precuneus inferior frontal anterior hippocampus superior temporal temporal visual listening speaker early visual insula occipital temporal gyrus primary visual recollection temporal gyrus executive lingual gyrus orbital spoken inferior sts speech perception heard occiplital frontal hippocampal spoken sounds lingual visual stream pole visual cortex comprehension visual cortex superior frontal gyrus temporal sulcus speech perception integrate asd visual Order 6 Order 7 Order 8 Order 9 Order 10 hippocampal face recognition posterior insula putamen monitoring face ffa insular hippocampus recognition error ffa amygdala hippocampus face conflict extrastriate fusiform face anterior hippocampus task insular cortex subsequent fusiform face medial temporal face ffa frontal cortex lateral occipital parahippocampal ffa letter images read selective mtl occipital faces errors

temporal lobe basal ganglia fusiform gyrus insula anterior visual parahippocampal cortex hippocampal ganglia color painful medial temporal basal lobe demands insula Order 12 Order 13 Order 11 Order 14 Order 15 memory encoding angular gyrus motor task parahippocampal inferior frontal subsequent sensorimotor cortex angular navigation inferior hippocampus anterior temporal objects contralateral words temporal lobes hippocampal parahippocampal cortex hand pseudowords default parahippocampal gyrus associative sensorimotor frontal gyrus default mode anterior hippocampus finger memory semantic network dmn lobe mtl encoding primary reading mtl self referential memory encoding spatially chinese retrieval dmn fusiform tapping word

face ffa

orthographic

index finger

default network

episodic