Component 1 Component 2 Component 3

anterior

anterior insula

anterior cingulate

insula insular

middle temporal temporal sentences

insular frontal operculum insular inhibition response inhibition

dorsomedial index finger dorsomedial prefrontal

junction temporoparietal junction temporoparietal

Component 4

vmpfc ventromedial ventromedial prefrontal mind rostral anterior cortex acc

Component 5

precuneus

cortex precuneus

acc

arithmetic parietal cortex parietal

social medial prefrontal dorsomedial prefrontal pitch tone vocal

social

theory mind

medial prefrontal

demands frontal judgments inferior parietal parietal tasks

voice temporal sulcus sts supramarginal actions accurately

retrieval memory retrieval items arithmetic sulcus ips ips

vlpfc voice language comprehension

repetition supression fusiform face ffa

> ba ba 44 frontal

lingual lingual gyrus visual

prefrontal medial prefrontal prefrontal cortex lingual gyrus lingual elderly

ifg gyrus ifg inferior frontal

thalamic cortex thalamus reaction time

ventromedial vmpfc cortex vmpfc

thalamic thalamus cortex thalamus

cortex ofc orbitofrontal cortex ofc

intraparietal intraparietal sulcus superior parietal

v1 monitoring primary visual ips intraparietal intraparietal sulcus

prefrontal prefrontal cortex vmpfc

vmpfc ventromedial prefrontal ventromedial

> judgment inferior frontal frontal

hippocampus hippocampal temporal lobe

frontal eye eye field eye

arithmetic sulcus ips ips

syntactic putamen sentence comprehension