

Supplementary Table 1. Additional subject's brain volume characteristics

Variables	No FOG	FOG	p-value
	Mean \pm SD	Mean \pm SD	
Banks of superior temporal sulcus	0.1 \pm 0.0	0.1 \pm 0.0	0.393
Caudal anterior cingulate	0.1 \pm 0.0	0.1 \pm 0.0	0.125
Caudal middle frontal	0.4 \pm 0.1	0.4 \pm 0.1	0.171
Cuneus	0.2 \pm 0.0	0.2 \pm 0.0	0.933
Entorhinal	0.1 \pm 0.0	0.1 \pm 0.0	0.707
Fusiform	0.6 \pm 0.1	0.6 \pm 0.1	0.846
Inferior parietal	0.8 \pm 0.1	0.8 \pm 0.1	0.045
Inferior temporal	0.7 \pm 0.1	0.7 \pm 0.1	0.771
Isthmus cingulate	0.2 \pm 0.0	0.2 \pm 0.0	0.828
Lateral occipital	0.8 \pm 0.1	0.8 \pm 0.1	0.160
Lateral orbitofrontal	0.5 \pm 0.1	0.5 \pm 0.1	0.606
Lingual	0.4 \pm 0.1	0.4 \pm 0.1	0.733
Medial orbitofrontal	0.3 \pm 0.0	0.3 \pm 0.0	0.834
Middle temporal	0.7 \pm 0.1	0.7 \pm 0.1	0.122
Para hippocampal	0.1 \pm 0.0	0.1 \pm 0.0	0.484
Paracentral	0.2 \pm 0.0	0.2 \pm 0.0	0.081
Pars opercularis	0.3 \pm 0.0	0.3 \pm 0.0	0.901
Pars orbitalis	0.2 \pm 0.0	0.2 \pm 0.0	0.245
Pars triangularis	0.2 \pm 0.0	0.2 \pm 0.0	0.409
Pericalcarine	0.1 \pm 0.0	0.1 \pm 0.0	0.784
Postcentral	0.6 \pm 0.1	0.6 \pm 0.1	0.081
Posterior cingulate	0.2 \pm 0.0	0.2 \pm 0.0	0.984
Precentral	0.8 \pm 0.1	0.8 \pm 0.1	0.083
Precuneus	0.6 \pm 0.1	0.6 \pm 0.1	0.179
Rostral anterior cingulate	0.1 \pm 0.0	0.1 \pm 0.0	0.475
Rostral middle frontal	0.9 \pm 0.1	0.9 \pm 0.1	0.187
Superior frontal	1.3 \pm 0.2	1.3 \pm 0.2	0.111
Superior parietal	0.8 \pm 0.1	0.8 \pm 0.1	0.041
Superior temporal	0.7 \pm 0.1	0.7 \pm 0.1	0.247
Supramarginal	0.6 \pm 0.1	0.6 \pm 0.1	0.550
Frontal pole	0.1 \pm 0.0	0.1 \pm 0.0	0.061
Temporal pole	0.2 \pm 0.0	0.1 \pm 0.0	0.165
Transverse temporal	0.1 \pm 0.0	0.1 \pm 0.0	0.999
Insula	0.4 \pm 0.1	0.4 \pm 0.1	0.900

SD, standard deviation.