

NetTable 5. Localizations of S-ketamine-induced Increases (Anesthesia vs. Baseline) in Regional Glucose Metabolic Rate (rGMR).

Absolute SPM-analysis (T = 3, k = 1200).

Lobe	Region		Proportion of	Proportion of the Region	Cluster		Maximum Voxel		
			Cluster Volume (%)	Covered by the Cluster (%)	Voxels	p	MNI Coordinates		
CLUSTER 1					3515	0.002	-64	-14	14
Frontal Lobe	Precentral Gyrus	L	17.61	15.2	619				
Parietal Lobe	Postcentral Gyrus	L	34.99	40.81	1230				
	Inferior Parietal Lobule	L	19.15	22.71	673				
Temporal Lobe	Transverse Temporal Gyrus L		2.53	36.48	89				
	Superior Temporal Gyrus	L	9.08	6.08	319				
Insula		L	2.16	3.58	76				
Total % of the Cluster			85.5		3006				
CLUSTER 2					2785	0.006	70	-26	20
Frontal Lobe	Precentral Gyrus	R	16.19	11.1	451				
Parietal Lobe	Postcentral Gyrus	R	35.19	32.41	980				
	Inferior Parietal Lobule	R	17.31	16.33	482				

Temporal Lobe	Transverse Temporal Gyrus R	2.33	27.43	65
	Superior Temporal Gyrus R	7.97	4.23	222
Insula	R	5.46	7.13	152
Total % of the Cluster		84.5		2352

R = Right Hemisphere, L = Left Hemisphere, T = Height Threshold, k = Extend Threshold. Unlocalized proportions were not identifiable, located outside neural tissue or were sized < 50 voxels.