

NetTable 1. Localizations of S-ketamine-induced Increases (Subanesthetic concentration vs. Baseline) in Regional Cerebral Blood Flow (rCBF). Absolute SPM-analysis (T = 3, k = 600).

<u>Lobe</u>	<u>Region</u>		<u>Proportion of</u>	<u>Proportion of the Region</u>	<u>Cluster</u>		<u>Maximum Voxel</u>		
			<u>Cluster Volume (%)</u>	<u>Covered by the Cluster (%)</u>	<u>Voxels</u>	<u>p</u>	<u>MNI Coordinates</u>		
CLUSTER 1					7854	<0.001	42	16	-2
Frontal Lobe	Precentral Gyrus	R	2.93	5.66	230				
	Inferior Frontal Gyrus	R	40.22	67.66	3159				
	Middle Frontal Gyrus	R	19.52	21.11	1533				
	Superior Frontal Gyrus	R	4.55	6.08	357				
Temporal Lobe	Superior Temporal Gyrus	R	2.74	4.09	215				
Limbic Lobe	Subcallosal Gyrus	R	1.38	36.99	108				
	Parahippocampal Gyrus	R	0.76	2.96	60				
	Uncus	R	0.87	10.46	68				
Insula		R	7.55	27.8	593				
Total % of the Cluster			80.5		6324				
CLUSTER 2					2497	0.009	-54	38	0
Frontal Lobe	Inferior Frontal Gyrus	L	39.89	21.58	996				

	Middle Frontal Gyrus	L	4.29	1.47	107
	Superior Frontal Gyrus	L	2.8	1.21	70
Insula		L	20.42	24.02	510
Clastrum		L	2.24	26.17	56
Total % of the Cluster			69.6		1739

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.