

Functional Magnetic Resonance Imaging: Coordinate Table

Region label is usually from an atlas. Won't necessarily note

Side = left or right; often redundant because of x-coordinate

The largest t (statistical) value of cluster; not always reported

The largest beta (amplitude) value of cluster; not always reported

Region	Side	Peak t	β^a	Cluster k	MNI coordinates		
					x	y	z

Main Effect of Mentalizing

Mental > Non-Mental

ATL	R	6.25	0.3		52		-20
ST	R	6.96	0.2		54		2
AT	L	5.61	0.2		-		-18
	L	4.90	0.2		-		-18
ST	L	5.19	0.15	147	-		-2
dM	R	4.81	0.23	140	5	56	21
TPJ	L	5.29	0.18	109	-56	-48	29

Contrast is really important, tells us what process is being targeted

Cluster value is very important, indicates the number of voxels in cluster = spatial extent of activation

MNI coordinates very important, tells where the peak or center of mass of the cluster. Typically in millimeters

Non-Mental > Mental

Inferior parietal cortex	L	6.97	0.25	747	-24	-71	47
Inferior temporal gyrus	L	7.63	0.28	585	-54	-54	-9
Fusiform gyrus	L	7.26	0.33	390	-28	-30	-20
Inferior parietal cortex	R	5.04	0.22	295	33	-71	45
PCC	R	5.31	0.27	273	12	-52	9
Fusiform gyrus	R	5.66	0.22	256	35	-24	-23
Lateral OFC	L	6.73	0.22	191	-33	37	-11
PCC	L	6.67	0.20	167	-5	-54	11