

Supplementary Table 2. Differences in brain activation for T1DM and controls between group analysis

Anatomical region	BA	H	Talairach (peak voxels)			T-max	P value
			x	y	z		
First balloon T1DM >controls							
Inferior frontal gyrus, insula, putamen, caudate, and right amygdala	44, 45, 48, 49, 13, 53	R	33	20	10	4.50	0.000047
Nucleus accumbens, putamen, insula, inferior frontal gyrus	52, 48, 13, 44	L	-12	2	-8	3.63	0.00071
Insula, lateral premotor area	13, 6	L	-39	-16	4	4.067	0.000018
Last balloon T1DM >controls							
Middle frontal gyrus, anterior cingulate gyrus, inferior frontal gyrus	9, 10 24, 32 45	R L L	6	50	7	3.43	0.0012
Anterior cingulate gyrus, medial supplementary motor area	32 8	L R/L	-3	26	31	5.046	0.00008
Middle frontal gyrus	10	R	-30	50	13	3.59	0.00008
Explode outcome T1DM >controls							
Lateral premotor area, and anterior cingulate gyrus	6, 8 23, 24	RL L	9	11	43	3.51	0.001
Middle frontal gyrus	9, 10	L	0	50	37	3.02	0.004

T1DM, type 1 diabetes mellitus; BA, brain area; H, head; R, right; L, left.