

Supplementary Table 4. Within-group comparisons for the control group and T2DM group contrasting differences in the high-calorie sweet food and other food or non-food conditions

Contrast	ROI	Hemisphere	MNI coordinates			Cluster size	T value	P value
			x	y	z			
Control group								
HCS > Non-food	Insula	Left	-36	9	-12	18	4.41	0.001
HCS < LC	HPC	Right	27	-33	-6	93	4.19	0.001
	Putamen	Right	27	3	-6	26	4.26	0.001
HCS < HNS	Putamen	Right	30	6	-9	339	4.17	0.001
	HPC	Left	-30	-21	-18	20	2.77	0.010
	HPC	Right	27	-33	-3	85	4.10	0.001
	ACC	Right	15	45	15	592	3.61	0.002
	ACC	Right	6	27	18	22	4.23	0.001
T2DM group								
HCS > Non-food	Insula	Right	39	-12	3	165	8.19	<0.001
	HPC	Left	-33	-18	-15	48	5.21	<0.001
	Putamen	Left	-24	12	-9	74	5.85	<0.001
	Thalamus	Left	-6	-12	3	19	4.43	0.001
HCS > LC	Putamen	Right	24	6	-9	18	2.79	0.009
HCS > HNS	HPC	Left	-36	-18	-15	27	4.03	0.001
	Caudate	Left	-6	12	-3	15	3.73	0.002

The within-group level statistical map was thresholded at $P < 0.05$ (uncorrected), cluster size $\geq 405 \text{ mm}^3$, Alfa SIM corrected. T2DM, type 2 diabetes mellitus; ROI, region of interest; MNI, Montreal Neurological Institute; HCS, high-calorie sweet; LC, low-calorie; HPC, hippocampus; HNS, high-calorie non-sweet; ACC, anterior cingulate cortex.