

Table S1. Whole brain analyses showing main-effects across all participants for No-Pain> Pain**BOLD response**

Brain regions	Peak						Cluster	
	L/R	x	y	z	t	Z	Extent (k)	P (FWE)
Calcarine sulcus	L	-8	-88	12	5.42	4.73	1416	<.001
White matter	R	28	-48	14	5.20	4.58	73	.39
Superior frontal gyrus	R	18	58	2	4.57	4.12	363	<.001
White matter	L	-30	-44	0	4.42	4.00	21	.92
Superior frontal gyrus	L	-14	50	-10	3.91	3.61	36	.77
Caudate nucleus	L	-18	24	4	3.96	3.65	12	.98
Superior frontal gyrus	R	24	-44	-34	3.96	3.65	15	.96
Supramarginal gyrus	R	44	-52	34	3.84	3.55	24	.90
White matter	L	-24	38	10	3.59	3.35	16	.96

Notes: Whole-brain analyses reported at a threshold level of $P < .001$ (uncorrected, cluster size > 10 voxels). Spatial coordinates (x, y, z) are in Montreal Neurological Institute space. R = Right; L = Left.