Table 6. Distracting sound data

ROI	Volume, mm^3	Talairach coordinates, *x*, *y*, and *z*	EM *t* value, Med.	EM *t* value, Rest	EM *t* value, Med. – Rest	NM *t* value, Med.	NM *t* value, Rest	NM *t* value, Med. – Rest	EM – NM *t* value, Med.	EM – NM *t* value, Med. – Rest
					Frontal					
Right IFG	789	44, 7, 24	3.1**	-0.96	2.7*	-1.3	1	1.6	3	3.1***
Right SFG, MFG, BA6	744	24, 2, 54	0.14	-0.04	2.6*	-2.1	-0.04	1.3	1.4	3.0**
Left preCG.	2,032	-48, -19, 34	5.9***	-3.0***	0.52***	-1.3	-1	0.24	3.4***	3.5***
					Parietal/posterior					
Right IPL, postCG	2,861	47, -40, 40	2.3*	-0.85	2.2*	-0.29	1.3	1.1	1.8	2.2*
					Noncortical					
Left cerebellum, semilunar	1,479	-23, -73, -39	1.8	-3.0***	3.4***	0.02	1.9	1.3	1.1	2.6*
Right parahippocampus, BA36	949	28, -39, -6	-1.0	-2.4*	2.5*	-1	1.4	1.7	1.6	3.3***
Left globus, subthalamus	711	-12, -14, -2	5.7***	-0.54	2.7*	-1.5	0.5	1.4	4.8***	3.2***
Right globus, putamen, subthalamus	679	22, -7, 3	4.7***	-1.6	3.7***	0.95	2.2*	0.99	2	3.7***
Left putamen	648	-25, -3, 3	5.4***	1.1	2.6*	2.2	3.6***	1.57	2.1*	3.6***
Right putamen, Ins, BA13	620	35, -4, 11	4.7***	-1.6	3.7***	.95	2.2*	-.99	2.0	3.7***
Right thalamus	238	10, -16, 1	5.2***	0.01	3.2***	1.6	1.5	0.2	1.9	2.4*

State-by-group results from ANOVA for EMs vs. NMs. Areas with significant differences for event-related distracter sounds (vs. silence) in Med. vs. Rest (state) and EMs vs. NMs (group) ($P < 0.05$ corrected). *, $P < 0.05$; **, $P < 0.01$; ***, $P < 0.005$.