

Actors: Violin Music minus Scrambled Violin Music

Activation thresholded at FWE $p \leq 0.05$, separate peaks within cluster listed in italics, Z-scores rounded to nearest 0.1, all clusters ≥ 5 voxels except where shown in *

Region	Hemi	x	y	z	Z-Score	Cluster Size
Superior temporal gyrus (STG, posterior to Heschl's)	LH	-48	-26	6	Inf	2331
<i>STG, anterior to Heschl's</i>		<i>-50</i>	<i>-10</i>	<i>-2</i>	<i>Inf</i>	
<i>STG, lateral</i>		<i>-62</i>	<i>-22</i>	<i>4</i>	<i>Inf</i>	
STG, lateral	RH	62	-24	8	Inf	2654
<i>STG, posterior to Heschl's</i>		<i>44</i>	<i>-30</i>	<i>12</i>	<i>Inf</i>	
<i>STG, anterior to Heschl's</i>		<i>48</i>	<i>-14</i>	<i>0</i>	<i>Inf</i>	
Dorsal premotor	RH	54	-6	52	6.3	44
Medial wall (putative SMA)	RH	4	2	68	6.2	28

Violinists: Violin Music minus Scrambled Violin Music
 Statistical thresholds as in previous table

Region	Hemi	x	y	z	Z-Score	Cluster Size
STG (planum temporale)	LH	-58	-38	18	Inf	2763
<i>STG (more anterolateral)</i>		-56	4	-2	<i>Inf</i>	
<i>STG (central and medial)</i>		-54	-10	2	<i>Inf</i>	
STG (planum temporale)	RH	62	-34	16	Inf	3327
STG/STS, posterior	RH	60	-26	6	Inf	
		52	-30	8	<i>Inf</i>	
Medial wall, putative SMA	Midline	4	-2	66	7.7	234
Dorsal premotor	RH	52	-6	52	7.3	237
		56	-2	46	7.1	
Dorsal premotor	LH	-48	-8	56	6.9	81
Inferior frontal	RH	62	2	20	6.0	27
Superior cerebellum	RH	30	-62	-24	6.0	52
Superior cerebellum	RH	16	-70	-18	5.7	21
Anterior medial STG	RH	38	4	-24	5.6	21
Superior cerebellum	LH	-28	-60	-24	5.6	28
Inferior frontal gyrus, opercular part	RH	46	16	20	5.4	30
		40	20	24	5.0	
Dorsal premotor	LH	-56	-4	44	5.3	8
STS/MTG - middle part		-64	-16	-8	5.2	7
Posterior cerebellum		-8	-82	-44	5.2	14
		-16	-78	-42	5.0	