

Study	Hemi	x	y	z	Region	Contrast
Present study	RH	50	-32	2	pSTG/STS	
	RH	62	-28	2		
<i>Tervaniemi et al., 2006</i>		51	-29	6		<i>Speech - Music</i>
<i>Belin et al., 2000</i>		56	-30	6		<i>"Voice-Sensitive"</i>
<i>Vouloumanos et al., 2001</i>		56	-28	-4		<i>Speech-Complex Nonspeech</i>
<i>Heinrich et al., 2008</i>		58	-32	0		<i>"Speech-likeness"</i>
		50	-34	4		<i>"Speech-likeness"</i>
		54	-38	4		<i>Speech Illusion - Illusion Control Stimulus</i>
<i>Warren et al., 2006</i>		50	-38	6		<i>Correlation with voice salience</i>
<i>Ohnishi et al., 2001</i>		59	-25	4		<i>Mixed musicians > Controls when listening to repeated music</i>
Present study	LH	-50	-38	2	pSTG/STS	
<i>Desai et al., 2008</i>		-52	-34	7		<i>Correlation of phonemic perception with change in activation before/after training</i>
<i>Leech et al., 2009</i>		-54	-37	1		<i>Correlation of auditory categorization with change in activation before/after training</i>
<i>Möttönen et al., 2006</i>		-61	-39	2		<i>Correlation of sine-wave speech perception with change in activation before/after training</i>
<i>Ohnishi et al., 2001</i>		-57	-36	10		<i>Mixed musicians > Controls when listening to repeated music</i>
<i>Margulis et al., 2009</i>		-50	-37	11		<i>Flautists & violinists showing greater activation for hearing own instrument</i>

The coordinates associated with all studies listed in this table and subsequent tables show significant activation in the present study ($p < .001$ or more) within a 5mm radius of the listed coordinates.

Study	Hemi	x	y	z	Region	Contrast
Present Study	LH	-50	-44	16	SMG	
<i>Hickok et al., 2003</i>		-51	-46	16		<i>Activated for listening to and covertly rehearsing jabberwocky speech</i>
		-54	-39	20		<i>Activated for listening to and covertly rehearsing novel melodies</i>
<i>Hickok et al., 2009</i>		-50	-40	20		<i>Average coordinates over 14 subjects for area 'SPT', (jabberwocky speech > rest) and (rehearse speech > listen only)</i>
<i>Vouloumanos et al., 2001</i>		-63	-42	13		<i>Speech - complex nonspeech</i>
<i>Wilson & Iacoboni, 2006</i>		-52	-46	14		<i>Negative correlation between producibility and activation</i>
<i>Graves et al., 2008</i>		-51	-38	22		<i>Repetition suppression in pseudoword repetition as well as effects of word frequency.</i>
Present study	LH	-58	4	-4	Anterior STG	
<i>Scott et al., (2004)</i>		-58	0	0		<i>Increasing intelligibility</i>
<i>Obleser et al., (2006)</i>		-63	-2	-2		<i>Back and Front Vowels > Bandpass Noise</i>
<i>Overrath et al., (2008)</i>		-54	-6	-2		<i>Increasing spectral correlation</i>

The coordinates associated with all studies listed in this table and subsequent tables show significant activation in the present study (p <.001 or more) within a 5mm radius of the listed coordinates.