

Supplementary Table 2. Full electronic search strategies of normal hearing group for all database used in the study

Database	Keywords									
PubMed, Scopus	“Music Training”	AN	“music	AN	“Speech	AN	“Training	A	“children”	OR
	OR	D	component”	D	perception”	D	time”	N	“adult”	OR
	“Music therapy”		“rhythm”		“Music		“Training	D	“preschool”,	
	OR		“timbre”		perception”		duration”		OR	
	“Acoustic		“harmony”		“Speech		“Training		“school-age	
	Stimulation”		“pitch”		intelligibility		content”		children”	OR
	“Auditory				OR		“Musical		” infant”,	OR
	Training”				“Pitch		exposure”		OR	OR
	“Auditory				perception”		OR		“elderly”	
	Rehabilitation”				“Pitch		“Music		OR	OR
	OR				discrimination”		Content”		“individual”	
	“Auditory				OR				OR	OR
	stimulation”				“Rhythm				“adolescent”	
	“Musical				perception”					
	Stimulation”				OR					
					“Timbre					
					perception”					
Web of Science and CINAHL	“Music Training”	AN	“music	AN	“Speech		“Training	A	“children”	OR
	OR	D	component”	D	perception”		time”	N	“adult”	OR
	“Acoustic				“Music		“Training	D	“preschool”,	
	Stimulation”				perception”		duration”		OR	
	“Auditory				“Speech		“Training		“school-age	
	stimulation”				intelligibility		content”		children”	OR
	“Musical						“Musical		” infant”,	OR
	Stimulation”						exposure”		OR	OR
							OR		“elderly”	
							“Music		OR	OR
							Content”		“individual”	
									OR	OR
									“adolescent”	
	“Auditory	AN	“rhythm”	AN	“Pitch	AN	“Training	A	“children”	OR
	Training”	D	OR	D	perception”	D	time”	N	“adult”	OR
	“Auditory		“beat”		“Pitch		“Training	D	“preschool”,	
	Rehabilitation”		OR		discrimination”		duration”		OR	
	OR		“timbre”		OR		“Training		“school-age	
	“Music therapy”		“harmony”		“Rhythm		content”		children”	OR
			“pitch”		perception”		“Musical		” infant”,	OR
					OR		exposure”		OR	OR
					“Timbre		OR		“elderly”	
					perception”		“Music		OR	OR
							Content”		“individual”	
									OR	OR
									“adolescent”	
ScienceDirect	“Music Training”	AN	“music	AN	“Auditory	AN	“Training	A	“children”	OR
	OR	D	component”	D	perception”	D	duration”	N	“adult”	OR
	“Music therapy”				“Music		“Training	D	“preschool”,	
	OR Auditory				perception”		content”		OR	
	Training”				“Speech				“school-age	
					intelligibility”				children”	OR
					OR				” infant”,	OR
					“Loudness				OR	OR
					perception”				“elderly”	
									OR	OR
									“individual”	
									OR	OR
									“adolescent”	
	Acoustic	AN	“rhythm”	AN	Speech	AN	Training	A	“children”	OR
	Stimulation”	D	OR	D	improvement”	D	content”	N	“adult”	OR
	OR		“timbre”		OR		“Musical	D	“preschool”,	
	Music therapy”		“harmony”		Musical		exposure”		OR	
	OR		“pitch”		perception”		“Music		“school-age	
	“Musical				Loudness		Content”		children”	OR
	Stimulation”				perception”				” infant”,	OR
					“Pitch				OR	OR
					perception”				“elderly”	
									OR	OR
									“individual”	
									OR	OR
									“adolescent”	