

Metacognition and Crossmodal Correspondences Between Auditory Attributes and Saltiness in a Large Sample Study

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Supplementary Material

Table S1. Results of participants' soundtrack–saltiness matches, for all 13 auditory parameters. The chart reveals the distribution of participants' choice of soundtrack that best evoked saltiness for each auditory parameter, with a total of 1,819 responses for each parameter. All parameters have non-random distributions of answers, according to a χ^2 of goodness of fit and corrected by Bonferroni correction ($\alpha = 0.0038$). Within each parameter, the choice with most votes is shown in bold. All parameters with three choices are shown first, sorted by decreasing order of χ^2 values, followed by those parameters with two choices.

				χ^2	df	<i>p</i>
Decay	Shortest	Middle	Longest			
	437	430	952	295.63	2	< 0.001
Roughness	Least rough	Middle	Most rough			
	526	429	864	172.01	2	< 0.001
Randomness	Least random rhythm	Middle	Most random rhythm			
	842	552	425	150.79	2	< 0.001
Articulation	Legato	Middle	Staccato			
	562	450	807	109.96	2	< 0.001
Consonance	Consonant	Middle	Dissonant			
	630	419	770	102.98	2	< 0.001
Attack	Shortest	Middle	Longest			
	652	416	751	97.70	2	< 0.001
Tempo	Slowest tempo	Middle	Fastest tempo			
	450	625	744	72.14	2	< 0.001
Reverberation	Least reverberation	Middle	Most reverberation			
	493	617	709	38.76	2	< 0.001
Harmonic complexity	Least complex	Middle	Most complex			
	523	571	725	36.74	2	< 0.001
Syncopation	Least syncopated rhythm	Middle	Most syncopated rhythm			
	639	510	670	23.75	2	< 0.001
Valence	Positive	Negative				
	540	1,279		300.23	1	< 0.001
Arousal	High	Low				
	1,193	626		176.74	1	< 0.001
Mode	Major	Minor				
	667	1,152		129.32	1	< 0.001