Multisensory Research

Linking Auditory-Induced Bouncing and Auditory-Induced Illusory Crescents: An Individual-Differences Approach

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Supplementary Material

Table S1. Descriptive Statistics for all Investigated Variables

	Mean (SD)		Range		Skewness		Kurtosis	
Task/Measure	Session 1	Session 2	Session 1	Session 2	Session 1	Session 2	Session 1	Session 2
Bouncing Responses (%)								
Order: Bouncing-Crescent								
Tone	68.20 (19.10)	64.78 (21.33)	10 - 94	4 - 90	-1.18	-1.19	4.90	3.90
No Tone	44.61 (21.05)	33.48 (16.85)	4 - 88	2 - 56	0.28	-0.57	2.36	2.21
Order: Crescent-Bouncing								
Tone	65.39 (26.09)	75.04 (26.08)	14 - 100	8 - 100	-0.44	-1.00	1.97	3.07
No Tone	46.78 (26.59)	51.04 (30.25)	12 - 96	14 - 100	0.58	0.36	2.12	1.80
Adjusted Overlap (%)								
Order: Bouncing-Crescent								
Tone	28.19 (20.86)	28.10 (16.01)	2.67 - 87.04	3.12 - 58.00	1.09	0.20	3.82	2.00
No Tone	46.37 (26.84)	45.51 (23.04)	2.83 - 97.60	3.60 - 81.76	0.24	-0.25	2.12	2.00
Order: Crescent-Bouncing								
Tone	28.22 (22.54	26.11 (18.85)	4.42 - 85.52	4.72 - 70.48	1.27	0.94	3.76	2.92
No Tone	32.41 (23.31)	34.09 (24.80)	5.92 - 90.00	5.84 - 85.76	0.94	0.66	3.02	2.17

Table S2. Full ANOVA results for the Bouncing/Streaming Task (Bouncing Responses)

Effect	$F(1, 44)$	p	η_p^2
Task Order	2.01	0.163	0.04
Tone	61.90	<0.001	0.58
Session	<0.01	0.968	0.01
Task Order x Tone	0.98	0.328	0.02
Task Order x Session	3.58	0.065	0.08
Tone x Session	4.36	0.043	0.09
Task Order x Tone x Session	0.14	0.711	<0.01

Table S3. Full ANOVA results for the Illusory Crescent Task (adjusted overlap)

Effect	$F(1, 44)$	p	η_p^2
Task Order	1.41	0.241	0.03
Tone	41.80	<0.001	0.49
Session	0.02	0.884	<0.01
Task Order x Tone	10.05	0.003	0.19
Task Order x Session	<0.01	0.957	<0.01
Tone x Session	0.57	.0456	0.01
Task Order x Tone x Session	1.28	0.264	0.03