ADDENDA

Addenda: Octave generalization and the identification of distorted melodies

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In a recent report (House, 1977), I reported the results of an ANOVA but failed to present the means which were involved in that analysis. This note is prepared to present those data. The undistorted condi-

tions were excluded from the analysis, but all distortion treatments are presented in Tables 1 and 2. The mean identification percentage excluding the undistorted conditions are: sine wave, 18.5%; sawtooth wave, 27%; and square wave, 21.7%.

REFERENCE

HOUSE, W. J. Octave generalization and the identification of distorted melodies. *Perception & Psychophysics*, 1977, 21, 586-589.

Table 1
Identification Percentages of Four Melodies
by Melodic Distortions

Treatments	Frere	Twinkle	Yankee	McDonald
Undistorted				
Low Octave	71	74	59	90
Middle Octave	86	82	63	76
High Octave	90	76	51	74
Random Octave	35	33	14	25
Alternating				
Higher Octave	23	53	23	23
Lower Octave	37	51	12	43
Fifth	6	18	16	10
Fourth	10	8	10	22
Third	16	12	8	16

Table 2
Identification Percentages for Three Waveform
Conditions by Melodic Distortions

Treatments	Sine	Saw	Square
Undistorted			
High Octave	78	71	75
Middle Octave	75	81	76
Low Octave	69	83	72
Random Octave	23	37	22
Alternating			
High Octave	23	44	25
Low Octave	27	39	23
Perfect Fifth	12	7	18
Perfect Fourth	9	17	15
Major Third	17	18	27