

ASSESSMENT OF PERCEIVED SOUND QUALITY IN HIGH FIDELITY
SOUND-REPRODUCING SYSTEMS (APPENDIX)

Alf Gabrielsson, Sten-Åke Frykholm and Björn Lindström

Individual ratings for subjects (denoted FP) in the
"Non Hi-Fi", "Hi-Fi", and "Music" groups in Experiment I,
and for the "Non Hi-Fi" and "Hi-Fi" groups in Experiment II.

SOFTNESS

NON HI-FI GROUP

HI-FI GROUP

	A	B	C	D	E	Mean		A	B	C	D	E	Mean
	O R G A N							O R G A N					
1	4.3	3.7	6.0	4.7	3.7		8	5.3	5.7	6.0	5.0	5.7	
2	1.7	2.3	7.0	2.3	3.7		9	6.0	6.0	7.0	6.3	5.3	
3	2.7	4.0	6.0	3.7	4.0		10	3.3	3.3	3.3	4.0	3.7	
4	5.7	6.3	5.7	6.3	4.3		11	5.3	6.7	6.0	5.3	5.7	
5	5.3	5.3	4.7	4.0	4.7		12	6.3	4.3	5.7	6.7	6.0	
6	5.3	3.7	4.7	4.7	4.3		13	6.3	6.3	5.0	5.3	5.0	
7	5.3	3.7	6.0	5.0	4.0		14	3.3	3.0	6.0	4.0	4.3	
Mean	4.3	4.1	5.7	4.4	4.1	4.5		5.1	5.0	5.6	5.2	5.1	5.2
	P I A N O							P I A N O					
1	4.7	4.0	5.3	5.7	4.3		8	4.7	7.7	7.0	6.0	5.3	
2	2.7	5.7	4.7	4.7	6.3		9	6.0	5.7	6.7	6.3	5.7	
3	5.3	6.0	6.7	5.3	7.3		10	4.7	4.0	5.3	5.0	5.0	
4	5.0	4.7	5.7	5.3	4.7		11	6.3	4.3	6.0	5.7	6.0	
5	7.3	6.0	8.3	7.3	7.0		12	5.3	7.0	7.7	7.7	6.3	
6	6.3	6.3	6.0	7.3	6.3		13	7.0	7.0	7.0	7.0	6.3	
7	6.3	6.3	6.0	7.0	7.3		14	5.7	7.3	6.3	6.3	6.3	
Mean	5.4	5.6	6.1	6.1	6.2	5.9		5.7	6.1	6.6	6.3	5.9	6.1
	S O N G							S O N G					
1	5.3	5.7	7.0	5.0	6.7		8	3.7	6.3	5.7	5.3	4.7	
2	5.3	8.0	6.7	7.0	5.0		9	6.3	6.7	7.0	5.7	6.3	
3	6.3	7.3	5.0	6.3	5.7		10	5.7	5.3	5.0	5.7	5.3	
4	4.3	6.0	7.0	4.7	5.0		11	5.7	4.0	4.0	3.3	4.3	
5	6.7	5.0	6.3	6.0	4.0		12	6.0	7.0	7.0	6.7	6.7	
6	5.7	6.0	6.7	6.3	7.7		13	5.3	6.3	5.0	5.0	5.3	
7	6.3	6.7	7.7	6.7	6.7		14	2.7	6.3	4.0	4.3	5.3	
Mean	5.7	6.4	6.6	6.0	5.8	6.1		5.0	6.0	5.4	5.1	5.4	5.4
	O R C H							O R C H					
1	6.3	6.7	7.7	8.3	7.3		8	3.7	5.3	5.3	5.0	4.7	
2	3.7	3.7	4.7	6.0	2.3		9	5.7	6.0	6.7	5.3	6.3	
3	3.0	5.0	3.7	4.3	3.7		10	4.3	5.0	5.0	5.0	4.3	
4	5.0	6.0	5.0	3.3	6.0		11	4.7	4.7	4.3	5.7	5.0	
5	3.0	3.7	4.3	3.0	3.0		12	5.7	7.0	5.7	5.7	5.3	
6	2.0	1.7	2.3	2.3	2.0		13	4.7	5.7	5.0	5.3	4.7	
7	3.7	5.0	7.0	4.7	6.3		14	3.7	5.0	4.0	4.3	4.0	
Mean	3.8	4.5	5.0	4.6	4.4	4.4		4.6	5.5	5.1	5.2	4.9	5.1
	J A Z Z							J A Z Z					
1	5.7	6.0	5.3	4.0	7.0		8	5.0	5.0	5.3	5.0	4.3	
2	5.3	5.7	5.7	3.7	5.7		9	7.0	7.3	7.0	7.0	5.7	
3	3.3	4.0	5.0	4.3	6.0		10	5.7	5.3	5.3	4.3	5.0	
4	4.7	3.7	4.7	5.3	4.3		11	6.3	7.0	5.7	5.7	6.0	
5	5.0	5.0	4.3	3.7	4.3		12	5.7	5.7	5.3	4.3	4.7	
6	3.3	3.3	3.3	3.3	3.3		13	6.3	6.7	5.3	5.7	5.7	
7	6.3	4.7	5.3	5.3	7.0		14	3.7	7.3	5.7	6.3	4.7	
Mean	4.8	4.6	4.8	4.2	5.4	4.8		5.7	6.3	5.7	5.5	5.1	5.7
	M E A N							M E A N					
	4.8	5.0	5.6	5.1	5.2	5.1		5.2	5.8	5.7	5.5	5.3	5.5

CLEARNESS/DISTINCTNESS

NON HI-FI GROUP

HI-FI GROUP

	A	B	C	D	E	Mean		A	B	C	D	E	Mean
O R G A N							O R G A N						
1	4.3	5.3	6.7	4.3	5.7		8	6.0	5.0	6.3	6.3	6.7	
2	2.7	2.0	7.0	3.0	4.7		9	6.7	5.7	6.3	5.7	5.7	
3	5.3	6.7	5.0	4.7	6.3		10	4.7	4.0	4.3	6.3	4.7	
4	6.7	7.3	6.0	6.7	7.3		11	4.0	5.0	5.7	7.3	8.3	
5	6.3	5.3	7.0	7.0	5.0		12	8.3	7.7	9.0	8.7	9.0	
6	6.3	5.7	7.0	7.7	7.0		13	5.0	4.0	4.3	5.7	5.3	
7	5.0	5.3	5.7	5.7	6.3		14	5.7	3.0	6.7	8.0	5.7	
Mean	5.2	5.4	6.3	5.6	6.0	5.7		5.8	4.9	6.1	6.9	6.5	6.0
P I A N O							P I A N O						
1	4.7	6.3	6.3	7.7	5.7		8	4.7	6.0	6.7	6.7	6.7	
2	3.7	3.7	6.7	3.0	5.7		9	6.3	6.7	6.7	7.0	6.7	
3	7.0	5.3	4.7	7.3	6.3		10	5.3	6.0	5.7	6.7	5.7	
4	5.3	5.3	7.3	7.7	5.7		11	5.0	2.7	4.0	4.3	5.0	
5	7.3	7.3	7.7	8.0	7.3		12	7.7	8.0	8.7	9.3	7.7	
6	7.0	7.7	6.0	7.0	6.3		13	3.7	3.3	3.7	4.0	4.0	
7	4.3	5.7	5.3	5.0	5.7		14	7.3	4.0	7.7	6.0	8.3	
Mean	5.6	5.9	6.3	6.5	6.1	6.1		5.7	5.2	6.1	6.3	6.3	5.9
S O N G							S O N G						
1	7.3	7.0	7.3	6.3	4.7		8	6.0	6.0	6.7	5.7	6.7	
2	6.7	7.3	6.7	9.0	6.7		9	7.7	7.0	7.7	6.7	8.0	
3	5.3	4.0	5.3	4.0	5.0		10	6.3	7.3	5.3	6.3	7.0	
4	6.7	8.7	8.0	7.7	8.0		11	5.3	3.7	3.3	3.7	4.0	
5	7.3	7.7	7.3	7.0	7.0		12	7.3	8.7	9.0	9.0	8.7	
6	7.0	7.3	8.0	7.3	8.7		13	4.7	5.0	6.7	5.3	5.3	
7	6.3	8.7	8.3	7.0	7.0		14	7.7	5.7	8.7	8.3	9.0	
Mean	6.7	7.2	7.3	6.9	6.7	7.0		6.4	6.2	6.8	6.4	7.0	6.6
O R C H							O R C H						
1	8.0	7.3	8.3	9.3	7.0		8	5.0	6.7	6.7	6.7	6.7	
2	4.7	5.7	6.7	6.7	2.7		9	4.7	4.0	6.0	5.3	7.7	
3	6.0	4.7	4.7	6.7	4.3		10	5.0	4.7	4.3	4.7	4.3	
4	6.7	7.3	6.3	6.7	5.3		11	7.7	7.7	8.7	8.0	8.3	
5	7.0	6.3	7.7	7.3	6.7		12	9.7	9.7	9.7	9.7	9.0	
6	3.7	3.3	3.7	3.3	3.0		13	5.7	5.7	6.3	6.7	5.7	
7	7.0	7.0	9.0	7.3	8.3		14	6.7	5.3	9.0	8.0	8.7	
Mean	6.1	6.0	6.6	6.8	5.3	6.2		6.3	6.2	7.2	7.0	7.2	6.8
J A Z Z							J A Z Z						
1	6.0	6.7	7.3	7.3	7.0		8	6.0	5.7	6.0	7.0	6.3	
2	7.7	6.3	6.7	6.0	5.3		9	6.7	4.7	8.0	7.3	5.7	
3	5.7	7.0	6.3	7.0	7.7		10	4.7	5.0	4.3	5.7	6.0	
4	7.0	6.7	7.3	8.0	7.7		11	7.0	6.7	8.0	9.3	8.7	
5	8.0	7.7	7.3	6.3	7.3		12	9.3	9.0	9.0	8.3	8.7	
6	5.7	4.7	4.7	5.0	4.3		13	5.0	4.3	5.3	5.7	5.3	
7	8.3	8.0	7.3	7.3	8.0		14	7.0	4.3	8.3	7.0	7.0	
Mean	6.9	6.7	6.7	6.7	6.8	6.8		6.5	5.7	7.0	7.2	6.8	6.6
M E A N							M E A N						
	6.1	6.2	6.6	6.5	6.2	6.3		6.2	5.6	6.6	6.8	6.7	6.4

FULLNESS

NON HI-FI GROUP

HI-FI GROUP

	A	B	C	D	E	Mean		A	B	C	D	E	Mean
		O R G A N							O R G A N				
1	7.3	7.0	6.7	6.0	5.3		8	6.3	5.3	6.3	7.0	6.3	
2	2.3	3.7	8.7	5.0	4.3		9	5.3	6.3	6.7	6.0	6.0	
3	5.3	6.7	6.3	6.0	5.3		10	4.7	4.7	4.3	5.0	5.0	
4	7.7	8.0	7.7	6.3	7.0		11	8.3	5.0	7.7	7.3	6.7	
5	7.3	7.0	7.0	6.7	7.3		12	8.0	7.3	8.7	8.3	8.0	
6	6.0	5.7	7.7	7.0	6.0		13	3.7	3.0	4.0	4.3	3.7	
7	7.0	6.7	6.3	7.0	6.3		14	5.7	4.0	6.0	8.0	6.3	
Mean	6.1	6.4	7.2	6.3	6.0	6.4		6.0	5.1	6.2	6.6	6.0	6.0
		P I A N O							P I A N O				
1	4.3	5.3	5.7	4.7	5.3		8	3.0	5.0	6.7	5.0	6.0	
2	3.3	3.0	6.3	5.3	5.0		9	7.0	7.0	7.3	7.7	6.7	
3	5.7	5.3	6.0	5.0	5.3		10	6.3	5.0	5.7	5.3	5.3	
4	4.3	4.0	5.3	6.3	4.0		11	5.0	5.3	6.0	5.7	5.3	
5	6.7	6.0	7.3	7.0	6.0		12	6.0	6.0	5.7	7.3	6.7	
6	7.0	7.0	5.7	6.0	6.3		13	5.7	5.0	5.0	4.7	5.7	
7	4.3	4.3	3.7	4.3	3.7		14	7.0	4.7	7.0	6.3	8.7	
Mean	5.1	5.0	5.7	5.5	5.1	5.3		5.7	5.4	6.2	6.0	6.3	5.9
		S O N G							S O N G				
1	5.0	7.3	6.3	7.0	5.3		8	4.0	6.3	6.3	5.0	6.7	
2	5.0	8.7	8.0	9.0	5.3		9	6.7	6.7	7.3	7.3	7.3	
3	6.3	6.7	6.3	6.0	6.3		10	5.0	6.3	6.3	6.3	6.7	
4	5.3	7.0	7.7	5.7	6.3		11	6.7	5.7	5.7	6.3	5.3	
5	7.0	6.3	6.0	6.3	5.3		12	5.3	7.0	6.0	6.0	6.7	
6	6.0	6.0	6.7	7.7	7.7		13	4.3	5.7	4.7	4.3	6.0	
7	6.3	7.7	8.0	5.3	7.3		14	5.7	6.7	7.3	7.3	8.3	
Mean	5.9	7.1	7.0	6.7	6.2	6.6		5.4	6.3	6.2	6.1	6.7	6.2
		O R C H							O R C H				
1	8.7	6.0	8.3	9.3	7.0		8	4.0	6.3	6.0	7.0	6.3	
2	4.7	5.0	5.3	8.3	2.7		9	5.7	5.0	5.7	6.3	7.3	
3	4.7	4.7	6.0	7.0	5.7		10	5.7	6.0	6.3	6.0	5.0	
4	6.7	8.0	7.7	6.0	6.3		11	7.0	6.7	6.7	6.3	6.7	
5	7.3	7.0	6.3	7.3	6.0		12	9.3	9.0	9.0	9.0	8.3	
6	3.3	3.7	4.0	4.0	3.0		13	4.7	4.3	5.7	4.7	4.3	
7	6.3	6.7	7.0	7.0	7.0		14	5.3	5.0	9.0	8.0	8.3	
Mean	6.0	5.9	6.4	7.0	5.4	6.1		6.0	6.0	6.9	6.8	6.6	6.5
		J A Z Z							J A Z Z				
1	6.7	6.7	8.0	7.3	6.3		8	4.7	4.7	5.0	6.0	4.7	
2	7.7	6.3	5.7	7.0	7.0		9	7.0	5.3	7.7	7.3	5.3	
3	5.7	5.3	6.0	7.3	7.3		10	5.3	6.3	5.7	6.0	6.7	
4	6.7	5.3	6.3	7.7	5.3		11	7.3	5.7	6.7	7.0	7.0	
5	7.7	7.0	6.3	7.0	6.7		12	9.3	6.0	6.3	5.7	7.3	
6	6.3	6.0	5.3	5.7	5.0		13	5.3	4.3	5.3	6.0	5.7	
7	6.7	7.3	6.3	7.0	7.7		14	5.7	4.7	7.7	7.0	7.7	
Mean	6.8	6.3	6.3	7.0	6.5	6.6		6.4	5.3	6.3	6.4	6.3	6.2
		M E A N							M E A N				
	6.0	6.1	6.5	6.5	5.8	6.2		5.9	5.6	6.4	6.4	6.4	6.1

NON HI-FI GROUP							NEARNESS HI-FI GROUP						
	A	B	C	D	E	Mean		A	B	C	D	E	Mean
O R G A N							O R G A N						
1	6.7	7.0	6.7	7.0	6.7		8	6.0	6.3	6.3	6.7	6.7	
2	5.0	5.7	6.7	5.0	4.3		9	5.3	5.3	6.7	5.7	5.3	
3	5.3	5.7	5.3	5.7	5.3		10	5.3	3.7	5.3	5.0	5.0	
4	7.0	8.0	6.7	6.0	7.0		11	7.7	6.7	7.7	8.3	8.0	
5	6.7	5.3	7.7	6.0	6.7		12	7.0	7.7	7.0	7.7	6.7	
6	6.0	6.0	6.7	7.0	6.7		13	3.7	4.3	4.3	6.3	4.3	
7	5.7	7.7	5.3	7.3	7.7		14	5.3	4.7	5.3	6.0	4.3	
Mean	6.0	6.5	6.4	6.3	6.3	6.3		5.8	5.5	6.1	6.5	5.8	5.9
P I A N O							P I A N O						
1	7.0	6.3	6.3	5.3	7.0		8	5.7	6.0	6.3	7.3	7.0	
2	5.7	6.3	6.0	5.7	7.0		9	7.0	6.0	5.7	6.3	5.7	
3	6.0	5.7	5.3	5.7	5.3		10	5.7	5.7	6.0	6.0	5.3	
4	5.3	5.3	7.7	7.0	4.7		11	5.3	6.0	6.0	5.7	6.0	
5	6.7	6.7	6.7	5.7	6.7		12	6.3	7.3	7.0	7.3	7.0	
6	7.3	6.7	6.0	6.3	7.3		13	5.0	4.7	5.0	5.3	4.7	
7	4.7	5.7	4.0	4.0	3.3		14	8.0	6.3	6.7	6.7	7.3	
Mean	6.1	6.1	6.0	5.7	5.9	6.0		6.1	6.0	6.1	6.4	6.1	6.2
S O N G							S O N G						
1	7.0	7.3	6.7	6.0	5.7		8	5.3	6.3	7.0	6.0	6.0	
2	5.0	6.3	7.7	4.7	6.0		9	5.7	6.7	7.0	6.7	6.7	
3	6.3	5.0	4.7	6.0	6.3		10	6.0	6.0	5.7	4.7	4.0	
4	7.0	7.3	8.7	6.7	7.7		11	6.7	7.0	6.3	6.3	6.3	
5	5.3	7.0	7.3	6.3	6.3		12	7.0	6.7	7.0	6.7	7.0	
6	7.3	7.0	6.7	6.3	7.3		13	5.0	4.3	4.3	4.3	5.0	
7	5.3	6.3	5.7	5.7	5.7		14	6.7	5.0	5.3	5.3	6.7	
Mean	6.2	6.6	6.8	6.0	6.4	6.4		6.0	6.0	6.1	5.7	6.0	6.0
O R C H							O R C H						
1	7.7	6.3	7.7	8.3	7.3		8	5.7	6.0	6.3	7.0	6.3	
2	6.3	5.7	3.7	6.0	3.7		9	5.3	5.0	5.7	5.7	6.7	
3	5.0	5.0	5.3	4.7	4.7		10	6.3	5.0	5.3	6.0	5.0	
4	7.3	8.7	7.7	6.3	4.7		11	8.3	7.3	8.7	8.0	8.0	
5	6.7	7.3	8.0	7.7	7.3		12	8.3	8.3	8.7	8.0	8.3	
6	3.0	4.0	5.3	3.7	4.0		13	4.7	4.3	5.0	5.7	5.0	
7	8.3	6.0	5.7	5.7	5.7		14	5.7	6.0	7.7	6.3	6.3	
Mean	6.3	6.1	6.2	6.0	5.3	6.0		6.3	6.0	6.8	6.7	6.5	6.5
J A Z Z							J A Z Z						
1	7.0	7.0	7.0	7.0	5.7		8	6.7	6.3	6.3	6.7	6.3	
2	7.0	5.3	5.7	6.0	6.7		9	6.7	6.3	6.7	6.3	5.3	
3	5.3	6.7	5.7	6.7	6.7		10	5.7	6.0	5.3	5.0	6.7	
4	6.7	6.0	7.7	7.7	6.7		11	8.7	7.0	8.7	9.0	9.0	
5	7.3	7.3	8.0	7.3	8.3		12	7.7	7.3	7.3	7.3	7.3	
6	5.3	5.7	5.7	5.3	5.0		13	5.3	4.0	4.3	5.0	5.3	
7	6.7	7.3	6.0	6.7	5.7		14	5.7	4.7	7.0	5.7	4.3	
Mean	6.5	6.5	6.5	6.7	6.4	6.5		6.6	6.0	6.5	6.4	6.3	6.4
M E A N							M E A N						
	6.2	6.4	6.4	6.1	6.1	6.2		6.2	5.9	6.3	6.3	6.1	6.2

NON HI-FI GROUP							BRIGHTNESS						
							HI-FI GROUP						
	A	B	C	D	E	Mean		A	B	C	D	E	Mean
O R G A N							O R G A N						
1	4.3	6.0	6.7	5.0	6.0		8	7.0	6.0	6.3	7.0	6.3	
2	3.3	4.3	4.0	4.7	6.3		9	6.7	7.0	6.7	7.0	7.0	
3	4.7	5.0	5.7	3.0	6.0		10	5.3	5.7	6.0	5.3	6.7	
4	4.3	4.7	4.7	4.3	5.0		11	2.3	5.0	4.0	5.3	5.7	
5	2.7	3.3	4.7	4.3	3.0		12	7.7	7.3	7.3	7.0	7.7	
6	5.7	4.0	5.7	4.0	4.7		13	4.7	4.7	4.7	4.7	5.7	
7	4.0	3.3	5.0	5.7	4.7		14	7.3	5.3	5.3	6.3	7.3	
Mean	4.1	4.4	5.2	4.4	5.1	4.6		5.9	5.9	5.8	6.1	6.6	6.0
P I A N O							P I A N O						
1	6.3	5.3	5.3	5.7	6.3		8	6.0	4.3	6.7	6.3	6.3	
2	5.0	4.3	4.0	5.3	5.3		9	7.0	6.7	6.7	7.3	7.0	
3	6.7	4.3	5.3	7.7	7.3		10	5.7	5.7	6.0	6.0	5.7	
4	5.0	5.7	5.3	5.3	6.0		11	5.7	5.0	4.0	5.0	6.3	
5	7.0	7.3	4.3	5.7	5.3		12	6.7	6.3	7.0	7.0	6.7	
6	7.0	7.0	7.0	7.3	6.7		13	4.0	3.7	4.0	4.0	4.0	
7	5.3	6.3	6.3	5.7	6.3		14	6.7	4.0	6.0	5.0	6.3	
Mean	6.0	5.8	5.4	6.1	6.2	5.9		6.0	5.1	5.8	5.8	6.0	5.7
S O N G							S O N G						
1	7.3	6.3	6.3	6.3	7.3		8	6.7	5.3	7.0	7.0	6.7	
2	4.3	5.0	3.7	4.0	6.0		9	7.3	5.7	7.0	7.0	7.3	
3	3.7	3.7	3.7	4.0	4.0		10	6.0	5.7	6.0	5.7	6.0	
4	6.7	6.3	6.3	7.3	6.0		11	5.0	5.7	5.0	6.0	6.0	
5	7.0	6.7	6.0	7.3	6.7		12	7.0	7.0	7.3	7.0	7.0	
6	6.7	8.0	7.3	7.7	6.7		13	5.3	4.3	5.7	5.0	5.0	
7	5.3	4.3	5.0	5.3	5.0		14	8.3	6.3	8.3	8.0	8.0	
Mean	5.9	5.8	5.5	6.0	6.0	5.8		6.5	5.7	6.6	6.5	6.6	6.4
O R C H							O R C H						
1	6.0	5.7	5.7	5.7	6.7		8	7.7	6.3	6.3	7.3	6.7	
2	5.0	5.3	7.0	5.3	7.7		9	6.0	5.7	6.0	5.7	7.0	
3	4.7	6.7	5.3	5.3	5.7		10	6.0	6.0	6.0	6.0	6.3	
4	4.7	3.0	4.7	6.3	5.7		11	5.7	5.7	6.3	6.3	6.3	
5	6.7	4.3	4.3	6.0	6.7		12	7.0	7.3	7.0	7.0	7.3	
6	5.3	4.0	5.7	6.3	5.0		13	5.7	4.7	5.7	5.3	6.3	
7	5.0	4.7	5.7	5.0	5.7		14	5.7	5.0	7.3	7.3	7.7	
Mean	5.3	4.8	5.5	5.7	6.1	5.5		6.2	5.8	6.4	6.4	6.8	6.3
J A Z Z							J A Z Z						
1	5.3	4.3	4.7	6.0	6.3		8	6.7	6.3	6.7	6.7	6.3	
2	4.3	3.7	4.3	3.3	4.3		9	7.7	6.7	7.0	7.7	7.3	
3	4.3	6.0	7.0	6.3	6.3		10	5.7	5.0	6.0	6.7	6.0	
4	5.3	6.3	4.7	3.3	6.3		11	6.3	5.7	6.3	5.7	6.3	
5	5.3	6.0	6.0	5.7	7.0		12	8.3	8.0	8.7	8.0	8.0	
6	4.3	6.0	5.7	6.0	6.0		13	3.7	3.7	4.7	4.3	4.0	
7	4.7	4.3	5.3	6.0	5.0		14	7.3	3.3	7.0	5.0	5.0	
Mean	4.8	5.2	5.4	5.2	5.9	5.3		6.5	5.5	6.6	6.3	6.1	6.2
M E A N							M E A N						
	5.2	5.2	5.4	5.5	5.9	5.4		6.2	5.6	6.2	6.2	6.4	6.1

NON HI-FI GROUP							FEELING OF SPACE HI-FI GROUP						
	A	B	C	D	E	Mean		A	B	C	D	E	Mean
O R G A N							O R G A N						
1	6.0	6.7	7.3	6.7	6.0		8	6.0	5.7	6.0	7.0	6.7	
2	3.0	4.3	9.0	4.0	7.3		9	5.7	8.0	6.7	6.0	7.0	
3	4.3	5.7	6.3	5.7	5.3		10	6.0	6.7	6.3	6.3	6.3	
4	8.0	8.3	8.0	7.0	6.7		11	7.0	7.7	8.7	8.7	9.0	
5	8.0	8.0	8.3	8.0	8.0		12	6.7	6.3	7.3	8.0	8.0	
6	6.3	7.0	8.7	7.7	6.3		13	4.7	3.7	4.7	5.0	5.3	
7	5.7	7.0	5.7	7.0	6.0		14	6.3	8.0	7.7	8.0	8.0	
Mean	5.9	6.7	7.6	6.6	6.5	6.7		6.0	6.6	6.8	7.0	7.2	6.7
P I A N O							P I A N O						
1	5.7	6.0	5.0	4.7	4.7		8	3.7	5.7	6.3	5.7	5.7	
2	3.0	4.0	5.0	3.0	5.0		9	8.0	8.0	7.3	8.0	8.0	
3	6.0	5.0	4.0	4.7	6.3		10	5.3	6.0	6.0	6.0	5.0	
4	4.0	5.0	5.7	7.3	5.3		11	5.7	5.0	6.0	6.0	6.3	
5	7.0	6.3	6.0	6.7	6.0		12	5.3	5.7	5.7	6.0	5.7	
6	6.7	7.7	7.0	6.0	6.3		13	3.3	3.3	3.7	3.7	4.7	
7	5.7	5.3	4.0	4.3	4.7		14	6.3	4.3	5.3	5.3	5.7	
Mean	5.4	5.6	5.2	5.2	5.5	5.4		5.4	5.4	5.8	5.8	5.9	5.6
S O N G							S O N G						
1	5.3	6.3	6.7	5.3	5.3		8	5.7	5.3	7.3	6.3	7.0	
2	5.0	7.0	6.3	8.0	5.7		9	7.0	6.0	7.0	7.3	7.3	
3	5.7	6.3	6.0	6.0	4.3		10	6.3	6.3	6.7	6.0	5.7	
4	6.3	8.0	7.0	6.0	6.3		11	6.7	7.0	6.7	6.3	6.7	
5	6.7	7.3	6.0	5.7	5.7		12	5.0	5.7	5.7	6.0	6.0	
6	7.7	7.0	8.7	7.3	8.0		13	5.0	5.7	6.0	4.7	5.7	
7	6.0	7.7	7.7	6.3	7.0		14	6.3	7.7	7.3	7.3	7.0	
Mean	6.1	7.1	6.9	6.4	6.0	6.5		6.0	6.2	6.7	6.3	6.5	6.3
O R C H							O R C H						
1	8.3	7.3	7.7	9.0	7.0		8	5.3	6.3	6.3	6.7	7.0	
2	5.7	5.0	6.3	6.7	5.3		9	6.0	6.3	7.0	6.7	8.0	
3	6.0	5.7	5.7	7.0	5.3		10	6.7	5.3	6.7	7.0	6.7	
4	7.3	8.3	7.3	6.7	6.3		11	8.0	8.3	8.3	7.7	8.3	
5	7.7	8.3	7.0	7.0	8.3		12	8.7	9.0	8.7	9.0	8.7	
6	3.3	4.0	4.7	4.0	3.0		13	5.0	5.3	5.3	6.0	5.3	
7	6.7	7.0	7.0	6.7	6.3		14	6.0	5.3	5.7	6.7	6.3	
Mean	6.4	6.5	6.5	6.7	6.0	6.4		6.5	6.6	6.9	7.1	7.2	6.8
J A Z Z							J A Z Z						
1	6.7	5.7	7.0	8.0	7.3		8	6.3	5.3	6.3	6.7	5.3	
2	7.3	7.0	5.3	6.0	6.0		9	7.0	7.7	7.3	7.0	7.0	
3	6.3	8.0	7.7	7.3	8.0		10	7.0	7.0	7.3	7.0	6.7	
4	7.0	5.7	6.7	7.3	7.0		11	8.7	7.7	9.0	9.3	8.7	
5	7.0	7.3	7.3	7.3	7.0		12	8.7	7.7	7.3	7.0	7.7	
6	6.0	6.7	5.7	5.7	5.0		13	4.3	3.7	5.7	4.7	4.3	
7	7.0	7.3	6.3	6.7	6.3		14	7.0	6.3	7.7	7.7	7.0	
Mean	6.8	6.8	6.6	6.9	6.7	6.7		7.0	6.5	7.2	7.0	6.7	6.9
M E A N							M E A N						
	6.1	6.6	6.6	6.4	6.1	6.3		6.2	6.3	6.7	6.6	6.7	6.5

LOUDNESS

NON HI-FI GROUP

HI-FI GROUP

	A	B	C	D	E	Mean		A	B	C	D	E	Mean
O R G A N							O R G A N						
1	7.0	8.0	7.3	7.7	7.3		8	5.3	5.0	5.3	5.3	5.3	
2	6.7	6.3	6.0	5.7	5.7		9	6.0	6.7	6.0	6.3	6.7	
3	5.7	6.0	4.7	5.7	5.0		10	6.3	6.3	6.7	7.0	7.0	
4	8.0	8.7	7.3	7.3	7.7		11	7.7	8.3	8.3	8.7	8.7	
5	8.7	9.3	10.0	8.3	9.3		12	8.7	8.3	9.0	8.0	8.3	
6	7.3	7.3	7.0	6.7	7.0		13	5.0	5.0	4.7	5.3	5.3	
7	6.3	8.3	6.0	6.3	6.7		14	8.3	8.0	8.3	8.3	8.3	
Mean	7.1	7.7	6.9	6.8	7.0	7.1		6.8	6.8	6.9	7.0	7.1	6.9
P I A N O							P I A N O						
1	5.3	5.3	5.3	5.0	5.7		8	4.7	4.7	4.3	4.3	4.0	
2	4.0	4.0	4.3	4.3	5.0		9	5.3	5.3	5.3	5.0	5.7	
3	5.0	4.7	4.7	4.7	4.7		10	5.0	4.0	5.0	4.7	4.7	
4	6.0	5.7	5.3	5.7	5.7		11	6.3	6.0	6.3	5.3	6.3	
5	6.0	6.0	5.7	5.7	6.0		12	6.3	5.7	5.7	5.7	6.0	
6	6.0	6.0	6.0	5.7	5.3		13	4.0	4.0	4.0	4.3	4.3	
7	4.7	4.7	3.3	3.7	4.0		14	6.0	5.7	6.3	5.7	6.7	
Mean	5.3	5.2	5.0	5.0	5.2	5.1		5.4	5.0	5.3	5.0	5.4	5.2
S O N G							S O N G						
1	6.7	5.7	6.0	6.3	5.0		8	4.3	5.0	4.0	4.3	4.7	
2	4.3	5.3	5.3	5.0	4.7		9	5.3	5.0	5.3	5.3	6.0	
3	4.7	5.0	5.0	4.7	5.0		10	5.0	5.3	4.7	5.3	5.3	
4	6.7	7.0	6.3	6.7	6.7		11	6.7	6.3	7.0	6.7	6.7	
5	6.7	7.0	5.7	6.3	6.7		12	5.3	6.0	6.3	6.3	5.3	
6	6.3	6.3	6.0	5.7	6.0		13	4.3	5.0	4.3	4.3	4.3	
7	5.0	6.0	5.3	4.7	5.3		14	6.0	6.3	7.0	6.3	6.7	
Mean	5.8	6.0	5.7	5.6	5.6	5.7		5.3	5.6	5.5	5.5	5.6	5.5
O R C H							O R C H						
1	8.3	7.0	7.7	7.3	7.0		8	5.3	5.0	5.7	5.0	5.0	
2	7.3	6.7	7.0	7.0	6.7		9	7.0	7.0	7.0	7.0	7.0	
3	6.3	6.0	6.0	6.0	5.7		10	6.7	6.3	6.7	6.7	6.3	
4	8.7	8.3	8.3	7.3	7.0		11	8.3	8.3	8.7	8.7	8.0	
5	8.3	8.7	8.0	8.3	8.7		12	9.0	8.3	9.0	8.7	8.7	
6	8.0	7.3	8.0	8.0	7.0		13	5.0	4.7	5.3	5.3	4.7	
7	8.0	7.7	6.0	7.0	6.3		14	9.0	8.0	8.7	8.7	8.7	
Mean	7.9	7.4	7.3	7.3	6.9	7.3		7.2	6.8	7.3	7.1	6.9	7.1
J A Z Z							J A Z Z						
1	8.0	7.3	6.7	7.7	6.7		8	5.7	5.3	4.7	5.3	5.0	
2	6.7	6.7	5.7	6.3	6.0		9	6.7	7.0	6.0	6.3	6.7	
3	5.3	5.3	6.0	5.3	5.7		10	6.0	6.3	6.7	6.7	6.7	
4	7.7	7.0	8.0	8.0	7.3		11	7.7	7.7	7.7	8.3	8.0	
5	7.3	7.7	7.7	7.7	7.7		12	8.7	8.0	8.0	8.0	8.0	
6	8.0	7.7	8.0	7.7	8.0		13	4.3	4.3	4.3	4.7	4.7	
7	6.7	7.3	6.0	6.3	7.0		14	7.3	7.3	7.7	7.7	7.7	
Mean	7.1	7.0	6.9	7.0	6.9	7.0		6.6	6.6	6.4	6.7	6.7	6.6
M E A N							M E A N						
	6.6	6.7	6.3	6.3	6.3	6.5		6.2	6.2	6.3	6.3	6.3	6.3

HISSING/DISTURBANCES

NON HI-FI GROUP

HI-FI GROUP

	A	B	C	D	E	Mean		A	B	C	D	E	Mean
O R G A N							O R G A N						
1	7.0	6.3	6.0	6.7	7.3		8	4.3	4.7	3.7	3.3	3.0	
2	7.0	5.7	3.0	5.7	6.0		9	7.0	4.3	5.7	7.3	6.0	
3	6.0	6.0	4.7	7.0	6.3		10	2.7	2.7	3.0	3.7	3.0	
4	4.3	6.0	3.7	5.7	6.3		11	6.0	4.7	6.0	6.7	5.7	
5	7.3	6.7	6.7	7.7	8.0		12	4.3	5.0	2.7	3.0	4.0	
6	4.3	6.7	3.7	5.7	6.0		13	6.7	6.3	7.0	7.0	6.7	
7	3.7	4.3	4.7	3.7	4.0		14	3.3	3.0	2.7	3.7	3.3	
Mean	5.7	6.0	4.6	6.0	6.3	5.7		4.9	4.4	4.4	5.0	4.5	4.6
P I A N O							P I A N O						
1	9.0	6.0	5.7	7.0	8.0		8	5.0	3.7	4.0	4.3	4.3	
2	7.3	5.3	6.0	7.3	7.0		9	7.7	6.0	6.3	6.7	6.7	
3	8.3	7.0	7.7	8.0	7.3		10	5.3	3.0	3.3	4.0	4.3	
4	8.7	7.0	7.0	6.7	8.3		11	7.0	6.3	7.3	6.7	7.0	
5	8.3	6.3	6.3	8.3	8.0		12	7.7	4.3	4.0	4.3	6.7	
6	9.0	7.7	8.3	8.3	6.7		13	7.7	7.0	7.0	7.0	7.0	
7	6.0	4.7	5.7	4.3	5.0		14	4.0	4.0	4.0	4.7	5.0	
Mean	8.1	6.3	6.7	7.1	7.2	7.1		6.3	4.9	5.1	5.4	5.9	5.5
S O N G							S O N G						
1	5.3	3.3	2.7	2.3	5.0		8	5.0	3.7	3.7	4.3	4.0	
2	3.0	1.0	3.0	2.0	3.7		9	7.0	3.0	4.3	4.0	4.7	
3	7.0	4.3	5.0	5.0	5.3		10	2.3	2.3	2.3	2.0	2.7	
4	4.7	3.0	2.3	3.7	5.0		11	4.7	3.0	5.3	5.3	3.7	
5	5.7	3.3	4.0	5.0	4.7		12	6.7	1.7	4.3	2.3	2.0	
6	4.7	3.7	5.3	3.7	3.7		13	7.0	6.0	6.3	6.7	6.3	
7	3.0	2.7	2.3	3.0	3.7		14	4.0	1.0	1.3	1.0	2.0	
Mean	4.8	3.0	3.5	3.5	4.4	3.9		5.2	3.0	4.0	3.7	3.6	3.9
O R C H							O R C H						
1	2.3	3.3	2.0	0.0	5.0		8	4.7	3.7	3.3	3.3	3.3	
2	3.7	4.0	5.7	1.7	5.0		9	6.0	6.0	4.0	5.0	4.7	
3	3.7	3.0	3.7	3.0	3.3		10	1.3	1.0	1.7	1.3	1.0	
4	1.7	2.7	2.3	2.3	1.7		11	2.3	1.7	1.3	2.3	2.3	
5	4.0	3.0	2.7	2.7	3.3		12	0.0	0.0	0.3	0.0	0.0	
6	6.0	6.7	4.3	6.0	6.0		13	4.0	3.3	3.0	3.0	3.3	
7	3.7	2.7	2.3	2.7	2.0		14	1.7	2.7	1.3	1.7	1.7	
Mean	3.6	3.6	3.3	2.6	3.8	3.4		2.9	2.6	2.1	2.4	2.3	2.5
J A Z Z							J A Z Z						
1	3.0	3.0	1.7	1.3	3.0		8	4.0	3.7	3.7	3.3	4.3	
2	2.7	2.3	2.3	3.0	3.7		9	4.7	5.7	4.0	4.3	4.3	
3	3.3	2.3	4.3	3.3	2.0		10	1.7	1.0	1.7	2.0	1.3	
4	2.0	2.3	2.0	1.7	3.3		11	2.0	1.7	1.7	2.7	2.3	
5	3.0	3.0	2.7	2.3	3.0		12	0.7	0.7	1.0	3.7	2.0	
6	4.0	6.3	4.0	6.0	4.7		13	3.0	3.0	3.3	3.0	3.0	
7	2.3	2.7	2.0	2.3	2.0		14	1.0	1.3	1.0	1.7	1.7	
Mean	2.9	3.1	2.7	2.9	3.1	2.9		2.4	2.4	2.3	3.0	2.7	2.6
M E A N							M E A N						
	5.0	4.4	4.2	4.4	5.0	4.6		4.4	3.5	3.6	3.9	3.8	3.8

NON HI-FI GROUP							FIDELITY						
							HI-FI GROUP						
	A	B	C	D	E	Mean		A	B	C	D	E	Mean
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	O R G A N							O R G A N					
1	4.0	3.0	7.7	4.0	2.3		8	3.7	4.0	6.3	5.7	6.0	
2	2.3	2.3	6.0	4.3	3.3		9	5.3	5.7	6.3	4.7	5.3	
3	5.7	6.0	3.7	3.0	3.0		10	5.3	4.3	5.0	5.0	6.0	
4	9.0	8.0	9.0	6.7	6.7		11	4.7	6.7	6.0	9.0	8.3	
5	4.3	7.0	5.7	5.7	5.0		12	8.7	8.0	8.7	9.0	8.3	
6	7.7	7.3	7.0	8.7	6.7		13	4.3	3.3	5.3	4.3	4.3	
7	4.7	3.7	5.3	4.3	7.0		14	6.0	3.0	8.0	9.0	6.0	
Mean	5.4	5.3	6.3	5.2	4.9	5.4		5.4	5.0	6.5	6.7	6.3	6.0
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	P I A N O							P I A N O					
1	2.3	4.0	3.0	2.7	6.7		8	3.0	5.7	5.7	5.3	5.0	
2	2.0	4.7	3.7	6.0	3.7		9	5.7	4.7	5.3	4.7	5.0	
3	1.0	1.3	2.3	1.7	1.7		10	4.7	6.7	6.0	6.0	6.0	
4	5.3	6.7	6.7	6.3	5.7		11	4.0	3.0	5.0	7.0	7.0	
5	5.3	6.3	5.7	7.3	6.7		12	7.3	9.0	7.7	9.3	9.0	
6	6.7	8.0	6.7	6.7	7.3		13	3.0	3.7	4.0	3.7	3.7	
7	2.3	5.0	2.3	3.7	3.7		14	8.3	5.0	7.7	8.3	9.0	
Mean	3.6	5.1	4.3	4.9	5.0	4.6		5.1	5.4	5.9	6.3	6.4	5.8
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	S O N G							S O N G					
1	5.7	9.3	7.3	4.0	6.0		8	3.3	5.3	5.7	5.0	5.3	
2	5.3	9.0	7.0	5.7	6.7		9	5.7	7.7	7.7	8.0	8.0	
3	2.0	3.0	2.0	2.7	4.7		10	6.3	6.7	6.0	6.3	6.7	
4	8.0	8.7	8.0	7.7	5.3		11	5.7	6.0	6.3	5.0	6.7	
5	6.0	8.0	6.0	6.3	6.3		12	8.0	9.0	9.3	9.3	9.3	
6	7.0	8.3	7.0	8.7	6.7		13	5.0	4.0	6.0	5.3	6.0	
7	5.7	8.3	6.7	8.3	7.0		14	6.3	5.3	8.0	8.7	7.7	
Mean	5.7	7.8	6.3	6.2	6.1	6.4		5.8	6.3	7.0	6.8	7.1	6.6
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	O R C H							O R C H					
1	8.0	6.7	7.3	9.3	6.0		8	4.3	5.7	5.3	5.0	5.0	
2	3.7	3.3	4.7	4.0	3.3		9	5.0	4.0	6.3	5.7	4.7	
3	5.3	7.0	5.7	6.3	4.3		10	6.0	5.0	4.0	4.7	6.0	
4	7.7	6.7	6.3	6.0	6.7		11	8.7	8.3	8.3	7.7	8.7	
5	8.0	8.0	8.3	6.7	8.0		12	9.7	9.3	9.7	9.7	9.7	
6	5.0	4.3	5.0	4.0	3.0		13	6.7	5.7	6.0	6.3	6.7	
7	6.3	7.7	8.3	7.0	8.7		14	9.0	5.7	8.7	9.0	7.3	
Mean	6.3	6.2	6.5	6.2	5.7	6.2		7.0	6.2	6.9	6.9	6.9	6.8
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	J A Z Z							J A Z Z					
1	7.3	6.3	8.3	7.3	6.7		8	4.0	3.3	4.7	6.0	4.3	
2	6.0	8.3	7.3	7.0	5.0		9	6.0	6.3	6.0	6.7	6.7	
3	6.3	7.0	7.3	5.3	7.3		10	4.3	6.7	6.0	5.0	5.3	
4	7.7	7.3	8.0	8.0	6.7		11	7.7	6.0	9.0	9.3	8.0	
5	7.7	8.0	9.0	8.7	8.7		12	8.7	7.3	8.3	7.3	8.7	
6	7.0	8.0	5.3	5.3	4.3		13	5.0	3.7	5.3	6.0	6.0	
7	6.7	6.7	7.7	7.7	9.0		14	7.0	5.3	8.7	6.3	7.7	
Mean	7.0	7.4	7.6	7.0	6.8	7.2		6.1	5.5	6.9	6.7	6.7	6.4
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	M E A N							M E A N					
	5.6	6.4	6.2	5.9	5.7	6.0		5.9	5.7	6.6	6.7	6.7	6.3

NON HI-FI GROUP							PLEASANTNESS						
							HI-FI GROUP						
	A	B	C	D	E	Mean		A	B	C	D	E	Mean
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	O R G A N							O R G A N					
1	3.0	2.3	5.3	5.0	2.7		8	5.0	5.3	7.0	6.0	6.3	
2	2.7	2.0	6.7	4.0	3.7		9	5.0	4.7	5.7	4.0	4.7	
3	6.0	5.3	6.0	3.7	4.3		10	5.3	3.7	4.3	4.0	5.3	
4	8.7	7.3	8.3	6.0	4.7		11	3.7	6.7	5.0	8.7	8.0	
5	3.7	3.7	4.0	4.0	4.0		12	8.3	7.7	8.3	8.7	7.7	
6	5.7	5.0	5.0	5.3	4.7		13	4.7	3.7	4.7	3.7	4.3	
7	4.3	3.0	4.3	4.3	5.7		14	5.0	2.3	7.3	9.0	5.0	
Mean	4.9	4.1	5.7	4.6	4.2	4.7		5.3	4.9	6.0	6.3	5.9	5.7
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	P I A N O							P I A N O					
1	1.0	4.0	3.3	3.0	5.3		8	4.3	6.7	5.7	6.3	6.0	
2	2.0	5.0	3.0	4.0	5.7		9	4.0	4.7	4.7	4.3	4.3	
3	3.0	3.3	4.7	3.3	3.7		10	4.0	5.3	4.0	5.3	5.0	
4	3.7	4.3	4.7	5.3	4.3		11	4.7	2.7	4.0	5.7	5.7	
5	4.0	6.0	5.0	4.7	4.3		12	6.7	9.0	8.3	9.3	8.7	
6	5.3	7.3	6.0	5.7	6.3		13	3.0	3.7	4.0	3.3	3.7	
7	4.3	7.0	5.3	5.0	5.7		14	7.0	5.7	7.7	8.0	7.0	
Mean	3.3	5.3	4.6	4.4	5.0	4.5		4.8	5.4	5.5	6.0	5.8	5.5
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	S O N G							S O N G					
1	5.0	9.3	7.0	5.0	6.3		8	4.3	6.0	6.0	5.7	5.7	
2	6.0	9.0	6.0	5.7	7.3		9	4.7	7.0	7.0	7.0	6.7	
3	4.3	6.7	5.0	5.0	6.7		10	6.0	6.3	4.7	5.3	6.7	
4	7.0	7.7	7.7	5.7	4.3		11	3.7	4.7	5.0	4.0	5.0	
5	6.7	7.3	6.0	7.0	5.7		12	8.3	8.7	9.3	9.0	9.3	
6	6.0	6.7	6.7	7.0	5.3		13	3.7	3.7	5.0	4.7	5.7	
7	6.7	8.3	7.3	8.7	8.0		14	6.0	5.7	7.3	8.3	8.0	
Mean	6.0	7.9	6.5	6.3	6.2	6.6		5.2	6.0	6.3	6.3	6.7	6.1
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	O R C H							O R C H					
1	7.0	6.7	7.7	9.7	6.0		8	5.7	6.7	6.3	5.7	5.3	
2	4.7	4.7	5.7	5.0	3.3		9	3.7	3.3	5.7	4.7	4.0	
3	5.0	6.7	5.7	6.0	5.0		10	4.7	6.0	5.7	5.0	5.7	
4	6.7	7.0	5.3	6.0	5.7		11	8.3	8.7	7.0	7.3	8.7	
5	5.7	6.7	6.3	5.3	6.3		12	9.0	8.3	8.7	9.0	8.3	
6	3.0	4.0	3.0	2.7	2.0		13	6.0	5.7	5.7	5.3	6.7	
7	4.7	7.7	6.7	6.0	7.3		14	8.3	6.7	9.0	8.7	7.7	
Mean	5.2	6.2	5.8	5.8	5.1	5.6		6.5	6.5	6.9	6.5	6.6	6.6
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	J A Z Z							J A Z Z					
1	6.3	7.0	8.3	6.7	6.0		8	4.7	4.0	5.3	6.0	5.7	
2	5.7	7.7	7.0	6.7	5.3		9	5.7	6.0	5.7	6.3	7.0	
3	7.3	7.3	7.0	6.7	7.0		10	6.3	7.3	5.0	6.3	5.0	
4	7.0	7.7	8.0	8.0	5.7		11	7.7	6.3	8.3	8.7	8.0	
5	6.3	6.7	7.3	7.0	7.0		12	8.3	6.7	8.0	7.0	8.3	
6	5.0	4.3	4.3	4.0	3.7		13	4.7	4.3	6.3	6.0	6.7	
7	7.0	6.3	7.0	6.0	7.0		14	7.7	5.3	8.7	6.7	7.7	
Mean	6.4	6.7	7.0	6.4	6.0	6.5		6.4	5.7	6.8	6.7	6.9	6.5
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	M E A N							M E A N					
	5.2	6.0	5.9	5.5	5.3	5.6		5.7	5.7	6.3	6.4	6.4	6.1

SOFTNESS

MUSIC-GROUP						
FP	A	B	C	D	E	Mean

		O R G A N				
15	6.0	5.3	6.0	5.7	4.7	
16	4.0	5.0	6.0	5.0	5.0	
17	7.0	5.3	6.3	6.7	6.7	
18	7.0	3.7	8.0	8.3	6.0	
19	5.0	3.3	4.7	5.7	4.0	
Mean	5.8	4.5	6.2	6.3	5.3	5.6

		P I A N O				
15	6.3	7.3	6.3	8.0	7.0	
16	4.0	5.3	5.0	5.3	4.7	
17	7.0	7.3	6.7	7.0	7.0	
18	7.7	8.3	7.7	8.3	8.0	
19	6.3	4.3	7.0	5.3	6.3	
Mean	6.3	6.5	6.5	6.8	6.6	6.5

		S O N G				
15	5.7	5.7	6.0	5.7	4.7	
16	5.0	5.0	5.0	4.7	5.0	
17	4.7	6.0	5.3	4.7	4.7	
18	7.7	9.7	8.0	7.3	8.0	
19	4.3	4.0	5.0	5.3	4.0	
Mean	5.5	6.1	5.9	5.5	5.3	5.6

		O R C H				
15	6.0	5.7	5.3	4.7	7.0	
16	4.7	5.0	4.3	4.3	4.0	
17	7.0	6.7	7.0	7.0	7.0	
18	7.0	7.7	7.3	7.7	7.3	
19	5.3	4.7	5.7	5.0	4.7	
Mean	6.0	5.9	5.9	5.7	6.0	5.9

		J A Z Z				
15	4.7	6.3	5.0	5.3	5.0	
16	4.3	4.0	4.7	4.3	3.7	
17	6.3	5.3	6.3	7.0	7.0	
18	8.0	8.7	8.7	7.7	7.3	
19	5.7	4.3	5.0	6.3	4.7	
Mean	5.8	5.7	5.9	6.1	5.5	5.8

		M E A N				
	5.9	5.8	6.1	6.1	5.7	5.9

CLEARNESS/DISTINCTNE						
MUSIC-GROUP						
FP	A	B	C	D	E	Mean

		O R G A N				
15	5.3	6.7	6.0	6.7	6.3	
16	5.0	4.7	5.7	6.0	5.3	
17	7.0	4.3	5.7	5.3	5.7	
18	8.3	5.3	9.3	7.7	8.0	
19	6.7	8.3	8.0	8.7	7.0	
Mean	6.5	5.9	6.9	6.9	6.5	6.5

		P I A N O				
15	6.7	6.0	6.7	5.0	6.3	
16	6.3	6.0	6.0	6.0	6.3	
17	5.7	4.0	4.7	6.3	4.0	
18	8.0	8.0	7.7	8.7	8.0	
19	9.3	9.0	9.0	9.0	9.0	
Mean	7.2	6.6	6.8	7.0	6.7	6.9

		S O N G				
15	7.0	6.3	6.7	5.0	5.3	
16	5.7	6.7	6.3	6.7	6.0	
17	5.7	4.7	6.3	5.3	6.7	
18	8.3	9.3	9.0	8.7	8.7	
19	9.0	9.0	9.0	9.0	8.7	
Mean	7.1	7.2	7.5	6.9	7.1	7.2

		O R C H				
15	7.7	4.7	8.3	6.7	5.3	
16	5.7	5.7	6.3	5.7	6.7	
17	7.0	4.7	7.3	6.3	6.3	
18	8.3	9.0	8.7	9.0	8.7	
19	8.7	9.3	9.0	9.3	9.3	
Mean	7.5	6.7	7.9	7.4	7.3	7.3

		J A Z Z				
15	6.7	6.7	5.3	6.3	5.7	
16	6.3	6.3	6.3	6.0	6.3	
17	6.0	3.7	7.0	4.7	4.7	
18	8.7	9.3	9.0	9.3	9.0	
19	9.3	9.3	9.0	9.3	9.0	
Mean	7.4	7.1	7.3	7.1	6.9	7.2

		M E A N				
	7.1	6.7	7.3	7.1	6.9	7.0

FULLNESS

MUSIC-GROUP						
FP	A	B	C	D	E	Mean

		O R G A N				
15	6.7	7.7	8.0	7.0	6.3	
16	4.3	6.3	5.7	6.0	5.3	
17	7.0	3.3	6.7	6.0	4.3	
18	9.0	8.0	9.0	8.7	8.0	
19	9.0	9.0	9.3	9.0	9.3	
Mean	7.2	6.9	7.7	7.3	6.7	7.2

		P I A N O				
15	8.0	7.0	7.0	4.0	6.0	
16	5.3	5.0	5.3	5.7	5.3	
17	5.0	4.7	4.7	5.7	4.7	
18	7.0	8.3	7.3	7.3	7.3	
19	8.0	8.3	8.3	8.3	8.3	
Mean	6.7	6.7	6.5	6.2	6.3	6.5

		S O N G				
15	5.3	7.3	5.7	5.3	6.7	
16	5.0	6.0	5.3	5.3	4.7	
17	5.3	5.0	6.7	5.3	7.0	
18	8.0	9.0	8.7	7.3	8.0	
19	8.3	8.3	8.7	9.0	8.0	
Mean	6.4	7.1	7.0	6.5	6.9	6.8

		O R C H				
15	6.0	5.7	8.0	6.3	4.7	
16	6.0	6.3	6.3	5.7	5.7	
17	7.7	4.7	6.7	6.7	5.7	
18	8.3	9.0	8.7	9.0	7.7	
19	8.7	9.3	9.7	9.0	9.0	
Mean	7.3	7.0	7.9	7.3	6.5	7.2

		J A Z Z				
15	6.7	7.3	6.7	7.0	6.0	
16	5.7	5.7	5.3	5.3	5.0	
17	5.7	3.3	6.3	5.7	4.7	
18	8.7	9.0	8.7	8.7	8.3	
19	9.0	9.0	9.0	9.0	9.3	
Mean	7.1	6.9	7.2	7.1	6.7	7.0

		M E A N				
	6.9	6.9	7.3	6.9	6.6	6.9

NEARNESS

MUSIC-GROUP						Mean
FP	A	B	C	D	E	
O R G A N						
15	5.7	7.3	5.7	6.0	6.7	
16	4.0	6.3	6.0	6.0	5.3	
17	6.7	5.3	6.0	4.7	5.7	
18	8.7	8.7	9.0	8.0	8.3	
19	9.3	10.0	9.7	9.3	9.7	
Mean	6.9	7.5	7.3	6.8	7.1	7.1
P I A N O						
15	6.7	6.3	6.7	5.0	6.3	
16	5.0	5.7	5.7	6.0	5.7	
17	5.3	5.7	6.0	6.3	4.3	
18	8.3	8.7	8.0	7.3	8.0	
19	9.0	9.0	9.3	8.7	9.3	
Mean	6.9	7.1	7.1	6.7	6.7	6.9
S O N G						
15	6.7	7.3	7.0	5.3	5.0	
16	5.0	5.3	5.7	6.0	5.0	
17	6.3	6.0	5.7	5.0	7.0	
18	7.7	8.7	8.7	8.3	7.7	
19	9.0	9.0	9.3	9.0	9.0	
Mean	6.9	7.3	7.3	6.7	6.7	7.0
O R C H						
15	5.7	4.0	7.7	4.7	5.3	
16	5.0	6.7	5.3	6.0	5.7	
17	7.0	5.0	6.7	6.0	5.7	
18	8.7	8.3	8.0	8.0	8.7	
19	9.7	9.7	9.7	9.3	9.7	
Mean	7.2	6.7	7.5	6.8	7.0	7.0
J A Z Z						
15	6.0	6.7	5.3	7.0	4.3	
16	6.0	5.7	5.7	5.3	6.3	
17	6.3	6.0	6.3	4.3	5.7	
18	8.7	9.0	8.0	8.7	8.3	
19	9.3	9.3	9.3	9.3	9.7	
Mean	7.3	7.3	6.9	6.9	6.9	7.1
M E A N						
	7.0	7.2	7.2	6.8	6.9	7.0

BRIGHTNESS

MUSIC-GROUP						
FP	A	B	C	D	E	Mean

		O R G A N				
15	5.3	6.0	4.3	4.0	6.7	
16	6.3	4.3	3.7	5.3	5.7	
17	7.0	4.7	5.0	4.0	5.3	
18	8.7	7.7	7.7	7.0	8.0	
19	4.3	3.0	3.7	4.0	4.3	
Mean	6.3	5.1	4.9	4.9	6.0	5.4

		P I A N O				
15	5.3	4.3	3.7	7.3	6.0	
16	5.3	4.7	4.7	4.3	6.0	
17	3.7	2.7	3.7	5.0	3.7	
18	8.7	7.3	7.7	7.7	7.0	
19	4.7	5.7	4.3	5.0	5.3	
Mean	5.5	4.9	4.8	5.9	5.6	5.3

		S O N G				
15	7.3	4.7	7.0	7.7	5.3	
16	5.3	4.3	4.7	5.7	5.0	
17	7.0	4.3	6.7	4.3	7.0	
18	7.3	7.7	7.3	8.0	8.0	
19	5.0	5.3	5.0	5.7	5.7	
Mean	6.4	5.3	6.1	6.3	6.2	6.1

		O R C H				
15	4.3	4.7	5.3	5.3	5.7	
16	4.7	5.3	5.7	5.3	5.7	
17	7.3	3.0	6.3	6.0	5.3	
18	9.0	7.3	8.3	8.7	8.0	
19	5.0	4.3	5.7	4.7	5.0	
Mean	6.1	4.9	6.3	6.0	5.9	5.8

		J A Z Z				
15	5.7	6.0	5.7	3.7	7.3	
16	5.7	5.0	5.0	5.3	5.0	
17	5.3	3.0	7.0	4.0	3.3	
18	8.7	7.7	7.7	8.3	8.3	
19	5.0	4.3	4.3	4.0	4.0	
Mean	6.1	5.2	5.9	5.1	5.6	5.6

		M E A N				
	6.1	5.1	5.6	5.6	5.9	5.7

FEELING OF SPACE						
MUSIC-GROUP						
FP	A	B	C	D	E	Mean

		O R G A N				
15	6.3	6.3	7.7	7.0	7.7	
16	4.0	5.3	5.3	6.0	4.0	
17	6.3	4.0	5.3	5.7	5.3	
18	8.3	7.7	9.0	8.3	7.3	
19	9.3	9.7	9.3	9.7	9.7	
Mean	6.9	6.6	7.3	7.3	6.8	7.0

		P I A N O				
15	6.0	7.0	6.3	5.7	6.3	
16	4.7	4.3	4.7	5.0	5.0	
17	5.7	4.7	5.0	5.0	5.0	
18	7.7	8.7	6.7	7.3	6.7	
19	9.0	9.0	9.0	9.0	9.0	
Mean	6.6	6.7	6.3	6.4	6.4	6.5

		S O N G				
15	7.0	7.0	6.7	7.0	5.3	
16	4.3	5.7	5.3	4.7	4.7	
17	6.3	6.7	6.0	5.3	6.7	
18	7.7	8.7	8.3	7.7	7.7	
19	9.3	9.0	9.0	9.0	9.0	
Mean	6.9	7.4	7.1	6.7	6.7	7.0

		O R C H				
15	6.7	4.3	6.0	5.3	5.3	
16	4.7	6.7	5.0	5.3	6.0	
17	6.7	6.0	6.3	6.3	5.7	
18	8.7	8.3	8.3	9.0	7.7	
19	9.7	9.0	10.0	9.7	9.7	
Mean	7.3	6.9	7.1	7.1	6.9	7.1

		J A Z Z				
15	8.3	5.3	7.7	7.0	5.3	
16	6.0	5.3	4.7	4.7	6.0	
17	5.7	5.3	6.0	5.0	4.3	
18	8.7	9.0	9.0	9.0	8.0	
19	9.7	9.7	9.3	9.3	9.7	
Mean	7.7	6.9	7.3	7.0	6.7	7.1

		M E A N				
	7.1	6.9	7.0	6.9	6.7	6.9

LOUDNESS

MUSIC-GROUP						
FP	A	B	C	D	E	Mean

O R G A N						
15	6.3	6.7	6.7	7.0	6.3	
16	6.7	6.7	6.3	6.7	6.3	
17	6.7	5.0	5.0	5.7	5.0	
18	9.3	9.7	8.3	9.0	8.0	
19	10.0	10.0	9.7	10.0	10.0	
Mean	7.8	7.6	7.2	7.7	7.1	7.5

P I A N O						
15	6.7	5.7	5.7	5.0	4.7	
16	5.3	5.0	5.0	5.0	5.0	
17	4.7	5.0	5.0	4.7	5.0	
18	6.3	6.3	5.3	5.3	5.7	
19	6.7	7.3	7.0	6.3	6.7	
Mean	5.9	5.9	5.6	5.3	5.4	5.6

S O N G						
15	5.3	6.7	6.0	6.7	5.7	
16	4.7	5.3	5.7	5.7	4.7	
17	5.0	5.0	5.0	5.0	5.0	
18	6.0	6.0	6.7	5.7	6.3	
19	6.0	7.0	6.0	7.0	6.7	
Mean	5.4	6.0	5.9	6.0	5.7	5.8

O R C H						
15	7.0	6.0	6.7	6.7	4.7	
16	7.0	7.0	6.7	7.0	6.7	
17	6.0	5.0	6.0	5.7	5.0	
18	8.7	7.7	7.7	9.0	7.0	
19	9.7	9.3	9.0	9.0	8.7	
Mean	7.7	7.0	7.2	7.5	6.4	7.1

J A Z Z						
15	5.7	6.3	5.7	6.7	5.3	
16	7.0	6.7	6.3	6.7	7.0	
17	5.7	5.7	5.0	4.7	5.0	
18	8.0	8.0	7.7	7.3	7.0	
19	9.3	9.3	9.3	8.7	8.0	
Mean	7.1	7.2	6.8	6.8	6.5	6.9

M E A N						
	6.8	6.7	6.5	6.6	6.2	6.6

HISSING/DISTURBANCE						
MUSIC-GROUP						
FP	A	B	C	D	E	Mean
O R G A N						
15	3.7	4.3	2.7	4.0	3.0	
16	7.0	6.0	5.7	6.0	6.7	
17	6.7	8.0	6.7	7.0	7.0	
18	1.7	2.3	0.7	2.7	2.7	
19	8.3	7.7	7.3	7.3	8.7	
Mean	5.5	5.7	4.6	5.4	5.6	5.3
P I A N O						
15	5.0	4.3	6.3	7.3	6.3	
16	6.7	6.3	6.3	6.7	6.3	
17	9.0	8.3	8.3	8.3	8.7	
18	4.0	2.0	3.7	3.7	3.3	
19	9.3	8.3	8.3	8.7	9.0	
Mean	6.8	5.9	6.6	6.9	6.7	6.6
S O N G						
15	4.7	1.0	2.7	3.7	4.3	
16	7.3	5.3	5.3	5.0	5.3	
17	8.0	5.3	6.3	6.3	6.0	
18	1.3	0.0	0.7	0.3	1.3	
19	7.7	3.0	7.0	4.3	8.7	
Mean	5.8	2.9	4.4	3.9	5.1	4.4
O R C H						
15	1.0	3.0	1.7	1.3	1.7	
16	4.3	4.3	4.3	4.0	4.3	
17	3.3	3.3	3.0	3.0	3.0	
18	0.7	0.0	0.3	0.3	1.0	
19	4.0	0.7	0.3	0.7	0.3	
Mean	2.7	2.3	1.9	1.9	2.1	2.2
J A Z Z						
15	1.7	0.7	1.7	1.3	1.0	
16	3.7	4.3	4.7	4.3	3.7	
17	5.3	3.3	3.0	3.0	5.3	
18	0.3	0.3	0.0	0.0	0.7	
19	0.0	0.0	0.3	0.3	0.7	
Mean	2.2	1.7	1.9	1.8	2.3	2.0
M E A N						
	4.6	3.7	3.9	4.0	4.4	4.1

FIDELITY

MUSIC-GROUP						
FP	A	B	C	D	E	Mean

O R G A N						
15	6.7	7.3	7.0	8.7	7.0	
16	5.7	5.0	6.3	5.7	7.0	
17	5.0	3.0	6.3	4.3	4.3	
18	7.3	3.7	7.7	8.3	7.7	
19	9.3	7.0	8.7	9.3	8.0	
Mean	6.8	5.2	7.2	7.3	6.8	6.7

P I A N O						
15	3.7	6.3	6.7	6.0	7.0	
16	5.3	6.0	6.7	5.7	7.0	
17	4.0	4.0	4.0	4.3	4.7	
18	6.7	8.0	6.3	6.3	7.0	
19	5.7	8.0	8.3	8.0	7.3	
Mean	5.1	6.5	6.4	6.1	6.6	6.1

S O N G						
15	7.0	5.3	6.7	5.7	8.0	
16	6.0	6.0	6.0	6.0	6.3	
17	4.0	3.3	5.0	3.7	4.7	
18	6.7	8.0	8.3	7.0	7.7	
19	7.7	9.0	7.3	9.0	8.0	
Mean	6.3	6.3	6.7	6.3	6.9	6.5

O R C H						
15	8.3	5.0	7.7	8.0	6.3	
16	6.7	6.0	6.7	7.0	7.0	
17	7.3	4.3	7.3	5.7	6.3	
18	7.7	9.0	8.0	9.0	8.0	
19	10.0	9.0	10.0	9.7	10.0	
Mean	8.0	6.7	7.9	7.9	7.5	7.6

J A Z Z						
15	8.0	8.7	8.3	7.3	8.3	
16	6.7	6.0	6.7	6.3	5.0	
17	5.3	4.3	6.0	3.7	4.7	
18	8.3	8.0	9.0	9.3	8.3	
19	9.3	9.0	8.7	9.7	8.3	
Mean	7.5	7.2	7.7	7.3	6.9	7.3

M E A N						
	6.7	6.4	7.2	6.9	7.0	6.8

PLEASANTNESS

MUSIC-GROUP						
FP	A	B	C	D	E	Mean

O R G A N						
15	6.0	6.0	7.7	6.0	7.7	
16	5.0	4.0	6.0	5.7	7.0	
17	5.0	2.7	5.3	4.3	4.0	
18	8.0	3.0	7.7	7.7	6.7	
19	5.0	4.0	5.3	5.0	6.0	
Mean	5.8	3.9	6.4	5.7	6.3	5.6

P I A N O						
15	4.0	7.0	5.0	7.0	7.7	
16	5.0	6.0	5.7	5.7	6.3	
17	3.0	4.0	3.3	4.0	3.7	
18	6.0	8.7	6.7	6.3	6.7	
19	5.3	6.3	6.7	6.7	6.0	
Mean	4.7	6.4	5.5	5.9	6.1	5.7

S O N G						
15	6.0	4.3	6.0	5.3	7.3	
16	5.3	5.7	5.7	5.3	5.3	
17	3.3	4.0	4.3	4.0	4.3	
18	6.3	8.0	8.3	7.0	7.0	
19	6.0	7.3	5.0	6.3	5.7	
Mean	5.4	5.9	5.9	5.6	5.9	5.7

O R C H						
15	7.3	6.3	8.3	6.3	7.0	
16	6.3	6.0	6.7	6.7	6.3	
17	7.3	4.7	7.3	6.7	6.3	
18	6.3	8.7	7.7	9.0	7.7	
19	6.3	7.0	9.0	6.7	8.3	
Mean	6.7	6.5	7.8	7.1	7.1	7.1

J A Z Z						
15	7.0	7.0	5.7	6.7	6.7	
16	7.0	5.7	7.0	6.0	5.7	
17	5.3	5.3	5.3	4.7	4.7	
18	8.3	7.3	8.3	8.3	9.0	
19	8.0	7.0	7.0	8.0	8.0	
Mean	7.1	6.5	6.7	6.7	6.8	6.8

M E A N						
	5.9	5.8	6.4	6.2	6.4	6.2

EXPERIMENT II

SOFTNESS

NON HI-FI GROUP

HI-FI GROUP

FP	A	B	C	D	E	Mean	FP	A	B	C	D	E	Mean
----	----	----	----	----	----	----	----	----	----	----	----	----	----
	O R G A N							O R G A N					
1	4.5	4.0	6.0	3.0	5.0		8	3.0	7.0	6.0	8.0	6.0	
2	4.0	4.0	4.0	3.0	5.0		9	9.0	7.0	9.0	9.0	3.0	
3	4.0	5.0	6.0	5.0	5.0		10	5.0	7.0	6.0	6.0	5.0	
4	7.0	5.0	8.0	7.0	7.0		11	2.5	8.0	7.0	4.0	6.0	
5	3.0	3.0	4.0	4.0	4.0		12	4.5	6.0	5.0	6.0	9.0	
6	6.5	9.0	8.0	4.0	4.0		13	4.5	4.0	5.0	7.0	4.0	
7	3.5	4.0	5.0	4.0	5.0		14	5.0	8.0	3.0	5.0	3.0	
Mean	4.6	4.9	5.9	4.3	5.0	4.9		4.8	6.7	5.9	6.4	5.1	5.8
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	P I A N O							P I A N O					
1	7.0	6.5	7.0	6.0	7.0		8	3.0	6.0	7.0	4.0	4.0	
2	7.0	8.5	8.0	9.0	8.0		9	9.0	3.0	9.0	7.0	6.0	
3	3.0	4.0	5.0	5.0	3.0		10	7.0	7.5	5.0	5.0	4.0	
4	9.0	5.0	4.0	3.0	8.0		11	6.0	7.0	7.0	6.0	3.0	
5	5.0	5.5	4.0	4.0	7.0		12	3.0	4.5	5.0	6.0	7.0	
6	9.0	8.0	9.0	7.0	7.0		13	3.0	4.5	5.0	4.0	4.0	
7	3.0	6.0	7.0	3.0	7.0		14	8.0	6.0	8.0	7.0	5.0	
Mean	6.1	6.2	6.3	5.3	6.7	6.1		5.6	5.5	6.6	5.6	4.7	5.6
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	S O N G							S O N G					
1	4.0	7.0	7.0	5.0	6.0		8	3.0	3.0	3.5	4.0	7.0	
2	3.0	8.0	5.0	7.0	7.0		9	2.0	1.0	3.0	2.0	3.0	
3	5.0	4.0	4.0	4.0	4.0		10	6.0	7.0	5.0	7.0	5.0	
4	5.0	6.0	3.0	8.0	5.0		11	6.0	4.0	6.5	6.0	8.0	
5	4.0	4.0	3.5	4.0	4.0		12	7.0	5.0	4.5	7.0	3.0	
6	7.0	8.0	6.5	6.0	7.0		13	5.0	7.0	5.5	7.0	4.0	
7	5.0	8.0	6.0	7.0	5.0		14	5.0	4.0	5.5	5.0	5.0	
Mean	4.7	6.4	5.0	5.9	5.4	5.5		4.9	4.4	4.8	5.4	5.0	4.9
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	O R C H							O R C H					
1	3.0	5.0	6.0	5.0	5.0		8	2.0	7.0	5.0	5.0	4.0	
2	4.0	8.0	8.0	6.0	5.0		9	3.0	8.0	9.0	8.5	9.0	
3	4.0	3.0	3.0	4.0	4.0		10	5.0	6.0	5.0	6.5	5.0	
4	8.0	8.0	5.0	5.0	4.0		11	2.0	7.0	6.0	5.5	5.0	
5	5.0	4.0	5.0	3.5	6.0		12	6.0	7.0	3.0	3.0	4.0	
6	1.0	4.0	6.0	2.5	1.0		13	4.0	7.0	5.0	5.0	5.0	
7	3.0	6.0	5.0	5.0	7.0		14	3.0	7.0	3.0	4.5	4.0	
Mean	4.0	5.4	5.4	4.4	4.6	4.8		3.6	7.0	5.1	5.4	5.1	5.3
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	J A Z Z							J A Z Z					
1	3.0	5.0	4.0	4.0	4.0		8	3.0	5.0	6.0	3.0	3.0	
2	6.0	7.0	6.0	5.0	5.5		9	3.0	9.0	8.0	2.0	5.5	
3	3.0	4.0	4.0	3.0	3.0		10	3.0	7.0	6.0	5.0	3.0	
4	5.0	7.0	8.0	4.0	5.5		11	3.9	7.0	6.0	6.0	4.0	
5	4.0	4.0	5.0	3.0	6.0		12	6.0	6.0	3.0	7.0	5.0	
6	7.0	7.0	7.0	9.0	4.5		13	4.0	8.0	8.0	7.0	6.0	
7	3.0	9.0	5.0	4.0	7.0		14	3.0	4.0	4.0	5.0	5.0	
Mean	4.4	6.1	5.6	4.6	5.1	5.2		3.7	6.6	5.9	5.0	4.5	5.1
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	M E A N							M E A N					
	4.8	5.8	5.6	4.9	5.4	5.3		4.5	6.0	5.6	5.6	4.9	5.3

CLEARNESS/DISTINCTNESS

NON HI-FI GROUP

HI-FI GROUP

FP	A	B	C	D	E	Mean	FP	A	B	C	D	E	Mean
O R G A N							O R G A N						
1	7.0	7.0	7.0	7.0	8.0		8	5.5	6.0	6.0	8.0	8.0	
2	5.0	3.0	7.0	4.0	8.0		9	9.0	7.0	9.0	8.0	7.0	
3	4.5	5.0	8.0	5.0	6.0		10	5.5	4.0	6.0	4.0	7.0	
4	6.5	8.0	9.0	8.0	7.0		11	5.0	3.0	7.0	7.0	9.0	
5	5.0	4.0	6.0	6.0	6.0		12	6.0	7.0	6.0	8.0	8.0	
6	7.0	4.0	9.0	9.0	9.0		13	6.0	5.0	7.0	6.0	7.0	
7	7.0	3.0	3.0	9.0	7.0		14	3.5	3.0	8.0	7.0	8.0	
Mean	6.0	4.9	7.0	6.9	7.3	6.4		5.8	5.0	7.0	6.9	7.7	6.5
P I A N O							P I A N O						
1	4.0	8.5	7.0	9.0	9.0		8	5.0	4.5	5.0	8.0	4.0	
2	9.0	9.0	9.0	9.0	9.0		9	7.0	3.0	8.0	4.0	8.0	
3	6.0	8.0	8.0	6.0	7.0		10	4.0	2.5	6.0	6.0	6.0	
4	9.0	8.0	4.0	5.0	8.0		11	8.0	5.5	7.0	4.0	7.0	
5	3.0	5.5	3.0	5.0	4.0		12	5.0	8.0	3.0	6.0	8.0	
6	7.0	6.5	4.0	8.0	7.0		13	7.0	4.0	7.0	7.0	7.0	
7	3.0	4.5	5.0	3.0	5.0		14	4.0	7.5	8.0	6.0	8.0	
Mean	5.9	7.1	5.7	6.4	7.0	6.4		5.7	5.0	6.3	5.9	6.9	5.9
S O N G							S O N G						
1	9.0	9.0	9.0	8.0	9.0		8	8.0	4.0	7.0	3.0	6.0	
2	3.0	9.0	4.5	7.0	9.0		9	3.0	3.0	3.5	3.0	3.0	
3	7.0	7.0	7.5	6.0	9.0		10	6.0	4.0	6.5	4.0	7.0	
4	7.0	5.0	4.5	5.0	8.0		11	3.0	2.0	6.0	8.0	9.0	
5	5.0	5.0	4.0	5.0	5.0		12	7.0	7.0	8.0	6.0	5.0	
6	4.0	7.0	6.5	6.0	8.0		13	5.0	4.0	7.5	3.0	7.0	
7	4.0	8.0	8.0	8.0	5.0		14	8.0	3.0	7.5	9.0	7.0	
Mean	5.6	7.1	6.3	6.4	7.6	6.6		5.7	3.9	6.6	5.1	6.3	5.5
O R C H							O R C H						
1	9.0	8.0	9.0	7.5	8.0		8	8.0	5.0	7.9	7.5	6.0	
2	8.0	8.0	8.0	8.5	7.0		9	7.0	3.0	9.0	8.0	9.0	
3	4.0	7.0	5.0	5.5	6.0		10	7.0	5.0	7.0	6.0	7.0	
4	9.0	8.0	7.0	6.5	5.0		11	5.0	7.0	7.0	4.0	7.0	
5	7.0	7.0	9.0	5.0	8.0		12	5.0	4.0	4.0	3.5	3.0	
6	9.0	5.0	10.0	9.0	9.0		13	7.0	5.0	8.0	6.5	7.0	
7	7.0	5.0	7.0	4.0	6.0		14	8.0	3.0	8.0	7.0	8.0	
Mean	7.6	6.9	7.9	6.6	7.0	7.2		6.7	4.6	7.3	6.1	6.7	6.3
J A Z Z							J A Z Z						
1	7.0	8.0	8.0	5.0	7.0		8	4.0	2.0	6.0	6.0	4.5	
2	6.0	6.0	9.0	8.0	9.0		9	3.0	5.0	4.0	2.0	3.5	
3	8.0	8.0	8.0	5.0	7.0		10	6.0	4.0	4.0	5.0	5.0	
4	8.0	8.0	8.0	5.0	6.5		11	7.0	5.0	9.0	9.0	5.5	
5	4.0	7.0	7.0	6.0	7.0		12	9.0	7.0	3.0	6.0	7.0	
6	9.0	8.0	9.0	8.0	8.0		13	4.0	3.0	4.0	4.0	4.5	
7	8.0	9.0	5.0	5.0	8.0		14	3.0	3.0	9.0	8.0	8.5	
Mean	7.1	7.7	7.7	6.0	7.5	7.2		5.1	4.1	5.6	5.7	5.5	5.2
M E A N							M E A N						
	6.4	6.7	6.9	6.5	7.3	6.8		5.8	4.5	6.5	5.9	6.6	5.9

NON HI-FI GROUP							FULLNESS HI-FI GROUP						
FP	A	B	C	D	E	Mean	FP	A	B	C	D	E	Mean
O R G A N							O R G A N						
1	8.0	8.0	9.0	8.0	8.0		8	4.5	7.0	6.0	7.0	5.0	
2	6.5	7.0	5.0	7.0	5.0		9	9.0	7.0	9.0	9.0	3.0	
3	9.0	9.0	6.0	8.0	9.0		10	5.5	5.0	6.0	6.0	6.0	
4	9.0	8.0	9.0	6.0	8.0		11	3.5	2.0	7.0	8.0	9.0	
5	4.5	4.0	5.0	4.0	7.0		12	8.5	10.0	9.0	10.0	9.0	
6	9.0	9.0	9.0	9.0	9.0		13	5.5	3.0	5.0	4.0	5.0	
7	4.5	7.0	7.0	7.0	6.0		14	7.5	5.0	8.0	6.0	4.0	
Mean	7.2	7.4	7.1	7.0	7.4	7.2		6.3	5.6	7.1	7.1	5.9	6.4
P I A N O							P I A N O						
1	7.0	8.0	6.0	8.0	7.0		8	3.0	7.0	7.0	5.0	7.0	
2	8.0	8.5	8.0	9.0	8.0		9	7.0	8.0	9.0	7.0	7.0	
3	8.0	6.5	7.0	6.0	6.0		10	6.0	4.5	6.0	6.0	5.0	
4	9.0	5.0	4.0	3.0	6.0		11	6.0	3.0	5.5	3.0	8.0	
5	3.0	4.0	3.0	4.0	7.0		12	5.0	7.5	5.0	8.0	7.0	
6	9.0	7.5	9.0	6.0	7.0		13	4.0	4.5	5.0	5.0	5.0	
7	4.0	3.5	6.0	3.0	5.0		14	7.0	6.5	7.0	7.0	5.0	
Mean	6.9	6.1	6.1	5.6	6.6	6.3		5.4	5.9	6.4	5.9	6.3	6.0
S O N G							S O N G						
1	7.0	9.0	8.5	7.0	10.0		8	2.0	7.0	6.0	4.0	6.0	
2	3.0	9.0	6.0	8.0	8.0		9	8.0	5.0	6.5	7.0	7.0	
3	6.0	8.0	7.0	7.0	7.0		10	5.0	5.0	6.5	5.0	6.0	
4	7.0	8.0	7.0	9.0	5.0		11	2.0	4.0	7.5	4.0	8.0	
5	3.0	3.0	3.0	3.0	4.0		12	6.0	7.0	6.5	5.0	7.0	
6	9.0	7.0	7.0	7.0	7.0		13	5.0	1.0	5.5	4.0	5.0	
7	6.0	8.0	7.5	7.0	5.0		14	5.0	4.0	5.0	7.0	6.0	
Mean	5.9	7.4	6.6	6.9	6.6	6.7		4.7	4.7	6.2	5.1	6.4	5.4
O R C H							O R C H						
1	8.0	8.0	7.0	7.5	8.0		8	2.0	5.0	3.0	5.0	6.0	
2	9.0	9.0	9.0	9.0	7.0		9	7.0	3.0	9.0	8.5	9.0	
3	5.0	6.0	5.0	6.0	6.0		10	6.0	6.0	7.0	5.5	6.0	
4	8.0	7.0	5.0	8.0	3.0		11	3.0	4.0	8.0	3.0	3.0	
5	7.0	7.0	9.0	7.0	9.0		12	7.0	6.0	7.0	4.0	7.0	
6	7.0	8.0	9.0	7.5	7.0		13	5.0	5.0	7.0	3.5	7.0	
7	4.0	4.0	7.0	4.0	5.0		14	8.0	4.0	4.0	5.0	4.0	
Mean	6.9	7.0	7.3	7.0	6.4	6.9		5.4	4.7	6.4	4.9	6.0	5.5
J A Z Z							J A Z Z						
1	8.0	8.0	8.0	7.0	6.0		8	3.0	7.0	5.0	6.0	6.0	
2	5.0	3.0	9.0	9.0	6.0		9	8.0	8.0	9.0	7.0	6.5	
3	8.0	7.0	8.0	8.0	7.5		10	3.0	6.0	6.0	6.0	5.0	
4	6.0	7.0	8.0	4.0	5.5		11	8.0	3.0	4.0	8.0	6.0	
5	7.0	5.0	7.0	5.0	7.0		12	9.0	9.0	7.0	7.0	7.0	
6	9.0	9.0	9.0	9.0	7.5		13	3.0	3.0	5.0	5.0	4.5	
7	6.0	9.0	7.0	8.0	8.0		14	7.0	5.0	5.0	7.0	8.5	
Mean	7.0	6.9	8.0	7.1	6.8	7.2		5.9	5.9	5.9	6.6	6.2	6.1
M E A N							M E A N						
	6.8	7.0	7.0	6.7	6.8	6.8		5.5	5.3	6.4	5.9	6.2	5.9

NEARNESS

NON HI-FI GROUP

HI-FI GROUP

FP	A	B	C	D	E	Mean	FP	A	B	C	D	E	Mean
O R G A N							O R G A N						
1	7.5	9.0	8.0	9.0	9.0		8	8.0	4.0	5.0	7.0	7.0	
2	8.5	4.0	7.0	4.0	7.0		9	5.0	4.0	5.0	5.0	2.0	
3	7.5	9.0	7.0	7.0	9.0		10	5.0	4.0	5.0	4.0	5.0	
4	6.0	9.0	9.0	8.0	7.0		11	5.0	2.0	4.4	4.0	6.0	
5	4.5	4.0	6.0	5.0	5.0		12	5.5	7.0	4.0	9.0	8.0	
6	7.0	5.0	9.0	9.0	9.0		13	6.0	5.0	6.0	5.0	7.0	
7	5.0	5.0	6.0	9.0	5.0		14	6.0	4.0	6.0	5.0	4.0	
Mean	6.6	6.4	7.4	7.3	7.3	7.0		5.8	4.3	5.1	5.6	5.6	5.3
P I A N O							P I A N O						
1	6.0	8.5	5.0	9.0	9.0		8	8.0	5.0	6.0	7.0	4.0	
2	9.0	8.0	8.0	8.0	8.0		9	7.0	7.5	5.0	7.0	7.0	
3	6.0	7.5	9.0	7.0	7.0		10	5.0	4.0	6.0	5.0	5.0	
4	9.0	6.5	4.0	3.0	6.0		11	7.0	4.5	7.0	7.0	6.0	
5	3.0	4.5	3.0	4.0	5.0		12	7.0	8.0	7.0	9.0	9.0	
6	8.0	5.5	4.0	7.0	8.0		13	6.0	4.5	7.0	7.0	7.0	
7	3.0	5.0	5.0	3.0	4.0		14	9.0	5.0	6.0	5.0	7.0	
Mean	6.3	6.5	5.4	5.9	6.7	6.2		7.0	5.5	6.3	6.7	6.4	6.4
S O N G							S O N G						
1	8.0	9.0	8.0	9.0	9.0		8	7.0	7.0	7.5	6.0	7.0	
2	7.0	9.0	8.0	7.0	8.0		9	5.0	7.0	4.0	5.0	5.0	
3	7.0	9.0	7.0	7.0	6.0		10	4.0	4.0	6.0	5.0	6.0	
4	5.0	5.0	4.0	7.0	6.0		11	4.0	6.0	6.0	7.0	5.0	
5	4.0	3.0	4.5	4.0	4.0		12	7.0	7.0	6.0	6.0	8.0	
6	9.0	8.0	9.0	7.0	9.0		13	7.0	3.0	7.0	4.0	7.0	
7	5.0	8.0	7.0	8.0	4.0		14	4.0	7.0	6.0	7.0	7.0	
Mean	6.4	7.3	6.8	7.0	6.6	6.8		5.4	5.9	6.1	5.7	6.4	5.9
O R C H							O R C H						
1	9.0	8.0	7.0	7.5	8.0		8	7.0	3.0	7.0	7.0	6.0	
2	9.0	9.0	9.0	8.5	7.0		9	5.0	4.0	5.0	6.0	5.0	
3	8.0	7.0	7.0	7.5	7.0		10	6.0	4.0	6.0	4.5	6.0	
4	8.0	8.0	7.0	7.5	3.0		11	8.0	4.0	7.0	3.5	4.0	
5	7.0	7.0	9.0	5.0	9.0		12	8.0	5.0	9.0	5.5	5.0	
6	9.0	6.0	9.0	9.0	9.0		13	7.0	4.0	8.0	4.5	5.0	
7	6.0	3.0	5.0	3.0	3.0		14	4.0	4.0	3.0	5.0	2.0	
Mean	8.0	6.9	7.6	6.9	6.6	7.2		6.4	4.0	6.4	5.1	4.7	5.3
J A Z Z							J A Z Z						
1	8.0	8.0	8.0	5.0	7.5		8	7.0	3.0	7.0	7.0	3.5	
2	8.0	7.0	9.0	9.0	9.0		9	7.0	5.0	4.0	7.0	4.0	
3	7.0	7.0	9.0	7.0	8.0		10	5.0	5.0	5.0	5.0	4.5	
4	8.0	7.0	8.0	5.0	5.0		11	7.0	5.0	4.0	8.0	4.0	
5	4.0	5.0	6.0	5.0	5.5		12	7.0	5.0	5.0	4.0	7.0	
6	9.0	9.0	4.0	7.0	8.0		13	4.0	3.0	3.0	3.0	4.0	
7	5.0	9.0	3.0	6.0	7.0		14	8.0	3.0	7.0	8.0	4.5	
Mean	7.0	7.4	6.7	6.3	7.1	6.9		6.4	4.1	5.0	6.0	4.5	5.2
M E A N							M E A N						
	6.9	6.9	6.8	6.7	6.9	6.8		6.2	4.8	5.8	5.8	5.5	5.6

NON HI-FI GROUP							BRIGHTNESS						
							HI-FI GROUP						
FP	A	B	C	D	E	Mean	FP	A	B	C	D	E	Mean
O R G A N							O R G A N						
1	4.0	3.0	3.0	3.0	3.0		8	7.5	4.0	7.0	7.0	8.0	
2	6.5	7.0	6.0	5.0	7.0		9	5.0	4.0	5.0	5.0	7.0	
3	4.5	6.0	6.0	5.0	6.0		10	5.5	4.0	7.0	4.0	7.0	
4	3.0	4.0	5.0	7.0	1.0		11	7.0	6.0	4.0	7.0	6.0	
5	5.0	4.0	6.0	3.0	3.0		12	5.0	6.0	5.0	6.0	6.0	
6	1.5	1.0	2.0	4.0	6.0		13	7.0	5.0	6.0	3.0	7.0	
7	5.0	5.0	4.0	7.0	5.0		14	7.0	5.0	7.0	3.0	7.0	
Mean	4.2	4.3	4.6	4.9	4.4	4.5		6.3	4.9	5.9	5.0	6.9	5.8
P I A N O							P I A N O						
1	7.0	7.0	7.0	7.0	5.0		8	9.0	3.5	4.0	8.0	5.0	
2	6.0	4.0	4.0	5.0	5.0		9	5.0	2.5	5.0	4.0	4.0	
3	4.0	6.0	6.0	5.0	6.0		10	3.0	3.0	5.0	6.0	7.0	
4	7.0	8.0	6.0	7.0	5.0		11	9.0	3.0	3.0	5.0	7.0	
5	4.0	6.0	5.0	6.0	7.0		12	3.0	6.0	3.0	8.0	6.0	
6	1.0	2.5	1.0	7.0	2.0		13	6.0	5.5	5.0	6.0	7.0	
7	7.0	6.0	7.0	7.0	6.0		14	2.0	4.0	4.0	4.0	5.0	
Mean	5.1	5.6	5.1	6.3	5.1	5.5		5.3	3.9	4.1	5.9	5.9	5.0
S O N G							S O N G						
1	7.0	7.0	8.0	8.0	7.0		8	8.0	6.0	8.0	5.0	6.0	
2	7.0	5.0	6.5	6.0	4.0		9	5.0	5.0	5.0	5.0	5.0	
3	6.0	5.0	5.0	5.0	5.0		10	6.0	3.0	7.0	4.0	7.0	
4	6.0	8.0	3.5	5.0	6.0		11	8.0	6.0	7.5	7.0	7.0	
5	5.0	6.0	5.5	5.0	7.0		12	7.0	6.0	7.5	6.0	7.0	
6	4.0	3.0	4.0	5.0	6.0		13	6.0	4.0	7.0	5.0	7.0	
7	5.0	7.0	5.0	7.0	5.0		14	5.0	4.0	6.0	5.0	5.0	
Mean	5.7	5.9	5.4	5.9	5.7	5.7		6.4	4.9	6.9	5.3	6.3	5.9
O R C H							O R C H						
1	5.0	5.0	5.0	4.5	5.0		8	8.0	2.0	5.0	6.0	5.0	
2	6.0	5.0	4.0	4.5	5.0		9	7.0	4.0	5.0	6.0	5.0	
3	5.0	5.0	5.0	5.0	5.0		10	7.0	5.0	8.0	6.0	7.0	
4	5.0	5.0	7.0	6.5	8.0		11	7.0	4.0	6.0	6.0	6.0	
5	7.0	5.0	7.0	6.5	6.0		12	6.0	5.0	8.0	5.0	7.0	
6	5.0	3.0	4.0	6.5	7.0		13	7.0	3.0	7.0	5.5	6.0	
7	7.0	4.0	5.0	6.0	5.0		14	5.0	3.0	8.0	5.5	8.0	
Mean	5.7	4.6	5.3	5.6	5.9	5.4		6.7	3.7	6.7	5.7	6.3	5.8
J A Z Z							J A Z Z						
1	5.0	5.0	5.0	5.0	4.5		8	7.0	3.0	5.0	5.0	4.5	
2	7.0	4.0	5.0	4.0	4.5		9	7.0	3.0	4.0	3.0	4.5	
3	5.0	5.0	6.0	5.0	6.0		10	7.0	3.0	4.0	6.0	5.0	
4	5.0	5.0	3.0	5.0	5.5		11	7.0	7.0	7.0	7.0	5.5	
5	5.0	5.0	6.0	5.0	5.0		12	8.0	5.0	3.0	3.0	6.5	
6	3.0	3.0	3.0	2.0	5.0		13	7.0	2.0	3.0	4.0	4.5	
7	5.0	5.0	3.0	5.0	4.5		14	5.0	3.0	7.0	5.0	6.0	
Mean	5.0	4.6	4.4	4.4	5.0	4.7		6.9	3.7	4.7	4.7	5.2	5.0
M E A N							M E A N						
	5.2	5.0	5.0	5.4	5.2	5.1		6.3	4.2	5.7	5.3	6.1	5.5

NON HI-FI GROUP							FEELING OF SPACE HI-FI GROUP						
FP	A	B	C	D	E	Mean	FP	A	B	C	D	E	Mean
O R G A N							O R G A N						
1	7.5	9.0	8.0	8.0	9.0		8	4.5	9.0	7.0	8.0	5.0	
2	8.0	3.0	5.0	7.0	6.0		9	8.0	9.0	9.0	9.0	6.0	
3	7.5	9.0	8.0	7.0	9.0		10	5.0	5.0	5.0	5.0	6.0	
4	7.0	8.0	9.0	7.0	9.0		11	4.0	3.0	3.0	4.0	8.0	
5	5.0	6.0	6.0	4.0	5.0		12	6.5	9.0	8.0	10.0	7.0	
6	9.5	8.0	10.0	10.0	10.0		13	5.5	4.0	7.0	3.0	6.0	
7	6.0	7.0	7.0	9.0	7.0		14	7.5	6.0	9.0	9.0	9.0	
Mean	7.2	7.1	7.6	7.4	7.9	7.4		5.9	6.4	6.9	6.9	6.7	6.5
P I A N O							P I A N O						
1	4.0	8.5	8.0	9.0	8.0		8	5.0	5.0	6.0	5.0	2.0	
2	9.0	7.5	7.0	9.0	9.0		9	7.0	4.0	9.0	7.0	7.0	
3	5.0	6.5	6.0	5.0	6.0		10	4.0	4.0	5.0	5.0	5.0	
4	9.0	6.5	4.0	3.0	8.0		11	5.0	2.0	7.0	2.0	6.0	
5	4.0	4.5	3.0	3.0	4.0		12	3.0	5.0	3.0	6.0	4.0	
6	7.0	3.0	2.0	6.0	3.0		13	5.0	4.5	6.0	5.0	6.0	
7	3.0	6.0	5.0	3.0	6.0		14	3.0	5.0	7.0	6.0	6.0	
Mean	5.9	6.1	5.0	5.4	6.3	5.7		4.6	4.2	6.1	5.1	5.1	5.0
S O N G							S O N G						
1	9.0	9.0	9.0	8.0	9.0		8	7.0	4.0	5.5	7.0	5.0	
2	7.0	9.0	7.0	8.0	8.0		9	9.0	5.0	9.0	9.0	7.0	
3	6.0	6.0	6.0	6.0	7.0		10	5.0	4.0	5.5	3.0	7.0	
4	7.0	4.0	5.0	5.4	6.0		11	3.0	2.0	6.0	8.0	6.0	
5	3.0	3.0	3.0	3.0	3.0		12	9.0	7.0	6.5	6.0	7.0	
6	8.0	6.0	7.0	7.0	8.0		13	6.0	4.0	7.5	4.0	6.0	
7	6.0	9.0	7.0	7.0	6.0		14	7.0	7.0	7.5	7.0	7.0	
Mean	6.6	6.6	6.3	6.3	6.7	6.5		6.6	4.7	6.8	6.3	6.4	6.2
O R C H							O R C H						
1	6.0	9.0	9.0	8.0	9.0		8	5.0	2.0	3.0	5.5	4.0	
2	9.0	9.0	9.0	9.0	5.0		9	5.0	1.0	9.0	7.5	9.0	
3	8.0	9.0	8.0	7.0	7.0		10	5.0	5.0	6.0	5.5	7.0	
4	9.0	8.0	5.0	7.0	3.0		11	4.0	9.0	7.0	3.0	3.0	
5	5.0	5.0	9.0	5.5	8.0		12	7.0	6.0	5.0	3.5	5.0	
6	7.0	3.0	9.0	7.0	9.0		13	6.0	4.0	7.0	4.5	5.0	
7	5.0	3.0	7.0	2.5	3.0		14	5.0	4.0	8.0	6.0	8.0	
Mean	7.0	6.6	8.0	6.6	6.3	6.9		5.3	4.4	6.4	5.1	5.9	5.4
J A Z Z							J A Z Z						
1	8.0	8.0	9.0	6.0	8.0		8	3.0	7.0	8.0	8.0	3.5	
2	7.0	3.0	9.0	9.0	8.5		9	7.0	3.0	7.0	3.0	7.0	
3	8.0	8.0	7.0	8.0	8.0		10	4.0	5.0	5.0	5.0	5.0	
4	7.0	8.0	8.0	5.0	5.0		11	8.0	6.0	6.0	9.0	3.5	
5	4.0	6.0	5.0	4.0	5.0		12	5.0	5.0	2.0	3.0	5.5	
6	9.0	9.0	9.0	9.0	8.0		13	5.0	3.0	3.0	7.0	3.5	
7	5.0	9.0	5.0	8.0	7.5		14	4.0	6.0	4.0	6.0	8.5	
Mean	6.9	7.3	7.4	7.0	7.1	7.1		5.1	5.0	5.0	5.9	5.2	5.2
M E A N							M E A N						
	6.7	6.7	6.9	6.6	6.9	6.7		5.5	5.0	6.2	5.8	5.9	5.7

LOUDNESS

NON HI-FI GROUP

HI-FI GROUP

FP	A	B	C	D	E	Mean	FP	A	B	C	D	E	Mean
O R G A N							O R G A N						
1	7.5	7.0	5.0	6.0	8.0		8	7.5	6.0	7.0	7.0	7.0	
2	7.5	6.0	7.0	7.0	6.0		9	7.5	6.0	5.0	7.0	6.0	
3	8.0	7.0	7.0	7.0	7.0		10	6.5	7.0	5.0	5.0	6.0	
4	9.0	6.0	8.0	7.0	7.0		11	7.5	5.0	7.0	7.0	7.0	
5	8.5	7.0	8.0	8.0	9.0		12	9.5	9.0	8.0	10.0	9.0	
6	9.5	8.0	9.0	9.0	9.0		13	7.0	6.0	6.0	6.0	6.0	
7	8.5	9.0	8.0	7.0	7.0		14	7.0	6.0	7.0	7.0	8.0	
Mean	8.4	7.1	7.4	7.3	7.6	7.6		7.5	6.4	6.4	7.0	7.0	6.9
P I A N O							P I A N O						
1	5.0	5.5	5.0	6.0	5.0		8	4.0	4.5	6.0	5.0	5.0	
2	5.0	6.0	5.0	5.0	5.0		9	6.0	5.5	5.0	7.0	6.0	
3	7.0	5.5	5.0	5.0	5.0		10	5.0	5.0	6.0	5.0	6.0	
4	6.0	5.5	5.0	5.0	5.0		11	4.0	3.5	4.0	4.0	4.0	
5	4.0	4.0	5.0	4.0	5.0		12	5.0	7.5	6.0	7.0	7.0	
6	7.0	5.0	6.0	5.0	5.0		13	5.0	5.0	5.0	5.0	5.0	
7	5.0	5.5	6.0	6.0	6.0		14	7.0	6.0	5.0	5.0	5.0	
Mean	5.6	5.3	5.3	5.1	5.1	5.3		5.1	5.3	5.3	5.4	5.4	5.3
S O N G							S O N G						
1	5.0	6.0	6.0	5.0	5.0		8	5.0	5.0	5.0	5.0	5.0	
2	6.0	7.0	6.0	7.0	6.0		9	5.0	7.0	4.0	5.0	5.0	
3	5.0	7.0	5.0	7.0	5.0		10	5.0	5.0	5.0	4.0	5.0	
4	5.0	5.0	5.5	5.0	5.0		11	4.0	4.0	4.0	4.0	4.0	
5	4.0	4.0	4.5	4.0	5.0		12	7.0	7.0	6.5	7.0	7.0	
6	7.0	7.0	7.0	7.0	8.0		13	5.0	5.0	5.5	5.0	5.0	
7	6.0	5.0	6.0	6.0	5.0		14	5.0	7.0	5.5	5.0	6.0	
Mean	5.4	5.9	5.7	5.9	5.6	5.7		5.1	5.7	5.1	5.0	5.3	5.2
O R C H							O R C H						
1	7.0	5.0	6.0	6.0	6.0		8	7.0	5.0	7.0	5.5	5.0	
2	9.0	7.0	7.0	7.0	6.0		9	7.0	4.0	7.0	5.0	7.0	
3	7.0	7.0	7.0	7.0	5.0		10	5.0	6.0	5.0	5.0	6.0	
4	6.0	8.0	5.0	5.5	5.0		11	7.0	6.0	6.0	5.0	4.0	
5	7.0	6.0	8.0	7.5	8.0		12	9.0	8.0	9.0	8.5	8.0	
6	10.0	8.0	9.0	9.0	9.0		13	6.0	5.0	7.0	6.5	4.0	
7	7.0	5.0	8.0	6.0	7.0		14	6.0	6.0	7.0	7.0	6.0	
Mean	7.6	6.6	7.1	6.9	6.6	6.9		6.7	5.7	6.9	6.1	5.7	6.2
J A Z Z							J A Z Z						
1	7.0	6.0	6.0	6.0	6.0		8	5.0	6.0	6.0	6.0	5.0	
2	7.0	7.0	7.0	7.0	6.5		9	7.0	5.0	7.0	5.0	5.0	
3	7.0	7.0	8.0	8.0	7.5		10	5.0	5.0	6.0	5.0	5.0	
4	8.0	6.0	6.0	5.0	5.0		11	5.0	5.0	4.0	7.0	5.0	
5	5.0	6.0	6.0	8.0	6.5		12	9.0	9.0	9.0	8.0	9.0	
6	9.0	8.0	8.0	9.0	8.5		13	5.0	5.0	6.0	5.0	5.0	
7	7.0	6.0	7.0	7.0	7.0		14	7.0	6.0	7.0	8.0	7.0	
Mean	7.1	6.6	6.9	7.1	6.7	6.9		6.1	5.9	6.4	6.3	5.9	6.1
M E A N							M E A N						
	6.8	6.3	6.5	6.5	6.3	6.5		6.1	5.8	6.0	6.0	5.9	6.0

HISSING/DISTURBANCES

NON HI-FI GROUP							HI-FI GROUP						
FP	A	B	C	D	E	Mean	FP	A	B	C	D	E	Mean
O R G A N							O R G A N						
1	6.5	4.0	5.0	7.0	3.0		8	7.0	3.0	3.0	3.0	2.0	
2	8.5	3.0	3.0	9.0	7.0		9	8.0	7.0	3.0	5.0	6.0	
3	7.5	6.0	5.0	8.0	6.0		10	6.5	6.0	7.0	5.0	6.0	
4	2.5	1.0	1.0	1.0	1.0		11	2.5	1.0	1.0	1.0	2.0	
5	5.5	5.0	4.0	7.0	7.0		12	3.5	3.0	2.0	2.0	3.0	
6	6.0	6.0	5.0	9.0	8.0		13	4.0	6.0	3.0	3.0	3.0	
7	8.0	9.0	8.0	5.0	8.0		14	7.0	2.0	7.0	3.0	3.0	
Mean	6.4	4.9	4.4	6.6	5.7	5.6		5.5	4.0	3.7	3.1	3.6	4.0
P I A N O							P I A N O						
1	9.0	3.5	9.0	5.0	5.0		8	7.0	3.5	9.0	6.0	7.0	
2	9.0	5.5	9.0	8.0	8.0		9	9.0	8.5	7.0	9.0	7.0	
3	9.0	3.5	7.0	7.0	6.0		10	8.0	7.5	8.0	8.0	7.0	
4	7.0	1.0	3.0	3.0	3.0		11	7.0	4.0	7.0	8.0	4.0	
5	7.0	4.5	4.0	6.0	6.0		12	7.0	3.5	6.0	7.0	3.0	
6	9.0	7.5	8.0	9.0	7.0		13	5.0	3.0	3.0	3.0	4.0	
7	10.0	8.5	10.0	10.0	9.0		14	8.0	6.0	8.0	7.0	6.0	
Mean	8.6	4.9	7.1	6.9	6.3	6.7		7.3	5.1	6.9	6.9	5.4	6.3
S O N G							S O N G						
1	5.0	2.0	3.5	5.0	2.0		8	7.0	3.0	5.0	2.0	4.0	
2	7.0	1.0	4.5	3.0	2.0		9	10.0	9.0	9.0	9.0	9.0	
3	5.0	5.0	3.0	6.0	2.0		10	7.0	4.0	5.5	4.0	5.0	
4	1.0	1.0	1.5	1.0	1.0		11	8.0	2.0	3.5	5.0	3.0	
5	6.0	4.0	5.5	3.0	5.0		12	5.0	5.0	3.0	5.0	3.0	
6	7.0	7.0	9.0	9.0	9.0		13	6.0	3.0	2.5	5.0	3.0	
7	9.0	1.0	5.5	9.0	7.0		14	9.0	9.0	6.0	8.0	7.0	
Mean	5.7	3.0	4.6	5.1	4.0	4.5		7.4	5.0	4.9	5.4	4.9	5.5
O R C H							O R C H						
1	3.0	3.0	4.0	3.5	3.0		8	5.0	2.0	5.0	3.0	3.0	
2	7.0	3.0	2.0	2.0	2.0		9	9.0	5.0	6.0	5.0	3.0	
3	7.0	4.0	5.0	5.0	4.0		10	3.0	4.0	5.0	5.0	6.0	
4	1.0	1.0	1.0	1.0	1.0		11	4.0	0.0	3.0	1.5	2.0	
5	3.0	1.0	1.0	2.0	1.0		12	6.0	3.0	4.0	1.5	1.0	
6	3.0	2.8	1.0	4.5	2.0		13	4.0	2.0	2.0	2.5	2.0	
7	5.7	5.0	5.0	3.0	3.0		14	4.0	2.0	2.0	2.5	1.0	
Mean	4.2	2.8	2.7	3.0	2.3	3.0		5.0	2.6	3.9	3.0	2.6	3.4
J A Z Z							J A Z Z						
1	3.0	3.0	3.0	6.0	3.0		8	5.0	3.0	3.0	2.0	2.5	
2	2.0	2.0	2.0	1.0	1.0		9	9.0	3.0	7.0	9.0	6.5	
3	3.0	3.0	3.0	5.0	3.0		10	5.0	4.0	4.3	4.0	4.5	
4	1.0	1.0	1.0	1.0	0.5		11	1.0	1.0	1.0	1.0	1.0	
5	3.0	2.0	2.0	2.0	2.5		12	3.0	2.0	3.0	2.0	1.5	
6	3.0	3.0	1.0	1.0	2.5		13	3.0	4.0	2.0	2.0	3.0	
7	4.0	2.0	2.0	0.0	1.5		14	1.0	0.0	0.0	0.0	0.0	
Mean	2.7	2.3	2.0	2.3	2.0	2.3		3.9	2.4	2.9	2.9	2.7	3.0
M E A N							M E A N						
	5.5	3.6	4.2	4.8	4.1	4.4		5.8	3.8	4.5	4.3	3.8	4.4

NON HI-FI GROUP							FIDELITY HI-FI GROUP						
FP	A	B	C	D	E	Mean	FP	A	B	C	D	E	Mean
O R G A N							O R G A N						
1	6.5	9.0	7.0	7.0	9.0		8	4.5	7.0	4.0	7.0	6.0	
2	8.0	2.0	3.0	7.0	7.0		9	8.0	6.0	9.0	8.0	5.0	
3	6.0	7.0	8.0	7.0	8.0		10	5.5	4.0	6.0	4.0	6.0	
4	6.0	8.0	9.0	7.0	5.0		11	3.0	4.0	6.0	7.0	10.0	
5	4.0	4.0	5.0	4.0	7.0		12	3.5	9.0	6.0	9.0	8.0	
6	8.5	8.0	10.0	8.0	10.0		13	4.5	4.0	5.0	3.0	5.0	
7	5.0	5.0	6.0	9.0	4.0		14	3.5	2.0	6.0	6.0	8.0	
Mean	6.3	6.1	6.9	7.0	7.1	6.7		4.6	5.1	6.0	6.3	6.9	5.8
P I A N O							P I A N O						
1	3.0	8.5	3.0	9.0	9.0		8	1.0	2.0	6.0	4.0	2.0	
2	9.0	9.0	9.0	9.0	9.0		9	7.0	3.5	9.0	5.0	7.0	
3	4.0	8.0	7.0	5.0	7.0		10	4.0	3.5	6.0	5.0	5.0	
4	7.0	6.5	4.0	3.0	7.0		11	7.0	5.0	6.0	4.0	8.0	
5	2.0	3.0	3.0	3.0	4.0		12	1.0	6.0	3.0	5.0	6.0	
6	5.0	5.5	4.0	6.0	5.0		13	4.0	4.5	5.0	5.0	5.0	
7	1.0	4.5	3.0	3.0	5.0		14	3.0	6.0	6.0	7.0	8.0	
Mean	4.4	6.4	4.7	5.4	6.6	5.5		3.9	4.4	5.9	5.0	5.9	5.0
S O N G							S O N G						
1	8.0	9.0	8.5	7.0	9.0		8	3.0	4.0	5.5	4.0	5.0	
2	7.0	9.0	7.5	9.0	9.0		9	1.0	5.0	6.0	2.0	2.0	
3	7.0	7.0	5.5	5.0	8.0		10	5.0	4.0	6.5	4.0	7.0	
4	5.0	5.0	4.5	4.0	8.0		11	4.0	4.0	6.0	7.0	8.0	
5	5.0	5.0	3.0	5.0	4.0		12	7.0	6.0	6.0	7.0	0.0	
6	7.0	5.0	4.5	5.0	6.0		13	5.0	3.0	6.0	3.0	5.0	
7	3.0	8.0	7.5	7.0	4.0		14	6.0	2.0	7.5	8.0	6.0	
Mean	6.0	6.9	5.9	6.0	6.9	6.3		4.4	4.0	6.2	5.0	4.7	4.9
O R C H							O R C H						
1	8.0	8.0	9.0	7.5	8.0		8	3.0	3.0	7.0	6.5	4.0	
2	9.0	9.0	9.0	9.0	7.0		9	5.0	2.0	10.0	8.0	9.0	
3	7.0	8.0	6.0	7.0	7.0		10	6.0	5.0	7.0	5.5	6.0	
4	8.0	9.0	5.0	6.0	4.0		11	4.0	6.0	8.0	4.0	5.0	
5	5.0	8.0	8.0	4.5	9.0		12	5.0	4.0	7.0	4.0	4.0	
6	4.0	5.0	4.0	4.5	5.0		13	5.0	4.0	7.0	3.5	4.0	
7	5.0	3.0	5.0	2.5	3.0		14	7.0	4.0	8.0	6.0	8.0	
Mean	6.6	7.1	6.6	5.9	6.1	6.5		5.0	4.0	7.7	5.4	5.7	5.6
J A Z Z							J A Z Z						
1	8.0	8.0	8.0	7.0	7.5		8	1.0	3.0	4.0	3.0	3.0	
2	8.0	4.0	9.0	9.0	9.0		9	1.0	3.0	4.0	1.0	2.5	
3	7.0	8.0	7.0	9.0	7.5		10	5.0	3.0	4.0	5.0	4.5	
4	9.0	7.0	7.0	5.0	6.0		11	7.0	4.0	8.0	7.0	5.5	
5	5.0	4.0	2.0	4.0	4.0		12	3.0	4.0	3.0	3.0	6.0	
6	10.0	9.0	9.0	7.0	9.0		13	3.0	1.0	3.0	4.0	4.0	
7	3.0	10.0	5.0	7.0	7.5		14	4.0	5.0	6.0	8.0	9.5	
Mean	7.1	7.1	6.7	6.9	7.2	7.0		3.4	3.3	4.6	4.4	5.0	4.1
M E A N							M E A N						
	6.1	6.7	6.1	6.2	6.8	6.4		4.3	4.2	6.1	5.2	5.6	5.1

HI-FI GROUP

H I P I G R O U P							H I P I G R O U P						
FP	A	B	C	D	E	Mean	FP	A	B	C	D	E	Mean
		O R G A N							O R G A N				
1	6.0	8.0	7.0	7.0	8.0		8	3.0	7.0	3.0	5.0	7.0	
2	4.5	2.0	3.0	3.0	7.0		9	8.0	6.0	9.0	8.0	6.0	
3	4.0	7.0	7.0	5.0	6.0		10	4.5	4.0	7.0	5.0	6.0	
4	6.5	7.0	8.0	7.0	7.0		11	3.5	4.0	6.0	5.0	9.0	
5	4.0	4.0	4.0	4.0	3.0		12	4.0	6.0	6.0	6.0	8.0	
6	5.5	6.0	9.0	5.0	5.0		13	5.5	4.0	5.0	4.0	5.0	
7	4.5	5.0	7.0	8.0	6.0		14	5.5	6.0	4.0	3.0	6.0	
Mean	5.0	5.6	6.4	5.6	6.0	5.7		4.9	5.3	5.7	5.1	6.7	5.5
		P I A N O							P I A N O				
1	3.0	8.5	4.0	8.0	8.0		8	2.0	5.0	4.0	5.0	4.0	
2	1.0	8.5	1.0	2.0	2.0		9	1.0	3.5	7.0	4.0	7.0	
3	3.0	6.0	6.0	5.0	6.0		10	2.0	3.5	3.0	3.0	4.0	
4	7.0	5.5	4.0	4.0	6.0		11	6.0	5.0	4.0	3.0	9.0	
5	3.0	5.0	3.0	3.0	5.0		12	1.0	5.0	4.0	6.0	7.0	
6	6.0	5.0	4.0	7.0	4.0		13	4.0	4.0	7.0	6.0	4.0	
7	1.0	4.5	3.0	3.0	5.0		14	3.0	5.5	7.0	7.0	7.0	
Mean	3.4	6.1	3.6	4.6	5.1	4.6		2.7	4.5	5.1	4.9	6.0	4.6
		S O N G							S O N G				
1	8.0	9.0	7.5	7.0	9.0		8	3.0	5.0	4.5	4.0	6.0	
2	3.0	8.0	5.0	5.0	8.0		9	3.0	0.0	3.0	1.0	2.0	
3	7.0	6.0	6.5	5.0	9.0		10	3.0	4.0	6.0	4.0	6.0	
4	5.0	7.0	6.0	5.0	7.0		11	2.0	3.0	6.0	8.0	7.0	
5	4.0	5.0	3.5	4.0	4.0		12	7.0	4.0	7.0	7.0	0.0	
6	5.0	5.0	4.5	5.0	6.0		13	4.0	2.0	6.0	3.0	5.0	
7	4.0	9.0	6.5	7.0	4.0		14	4.0	2.0	4.5	6.0	3.0	
Mean	5.1	7.0	5.6	5.4	6.7	6.0		3.7	2.9	5.3	4.7	4.1	4.1
		O R C H							O R C H				
1	8.0	8.0	8.0	8.0	8.0		8	1.0	5.0	6.0	7.0	4.0	
2	7.0	8.0	8.0	8.0	5.0		9	5.0	8.0	10.0	8.5	9.0	
3	4.0	7.0	6.0	6.0	6.0		10	6.0	6.0	7.0	6.0	5.0	
4	8.0	8.0	6.0	7.0	5.0		11	2.0	7.0	8.0	5.0	4.0	
5	4.0	7.0	8.0	6.0	7.0		12	3.0	4.0	5.0	4.0	4.0	
6	2.0	5.0	6.0	3.5	4.0		13	5.0	4.0	7.0	5.5	6.0	
7	5.0	4.0	6.0	4.0	6.0		14	8.0	5.0	6.0	5.5	8.0	
Mean	5.4	6.7	6.9	6.1	5.9	6.2		4.3	5.6	7.0	5.9	5.7	5.7
		J A Z Z							J A Z Z				
1	8.0	7.0	8.0	6.0	8.0		8	1.0	3.0	4.0	1.0	3.0	
2	7.0	8.0	9.0	9.0	8.0		9	1.0	8.0	3.0	1.0	5.0	
3	5.0	5.0	4.0	5.0	4.5		10	4.0	4.0	5.0	6.0	4.0	
4	8.0	7.0	7.0	5.0	6.0		11	6.0	5.0	7.0	9.0	4.5	
5	5.0	4.0	5.0	4.0	5.0		12	3.0	4.0	3.0	4.0	4.5	
6	7.0	7.0	8.0	8.0	6.0		13	4.0	3.0	4.0	5.0	5.5	
7	4.0	8.0	4.0	6.0	7.5		14	7.0	4.0	5.0	7.0	9.0	
Mean	6.3	6.6	6.4	6.1	6.4	6.4		3.7	4.4	4.4	4.7	5.1	4.5
		M E A N							M E A N				
	5.1	6.4	5.8	5.6	6.0	5.8		3.9	4.5	5.5	5.1	5.5	4.9