

APPENDIX 3**ANALYSIS OF VARIANCE OF AUDIOVISUAL EXPERIMENTS RESULTS IN CHAPTER 5**

3.1. ASW and LEV – audiovisual stimuli

3.1.1. ASW and Test Mode

ANOVA Table
for AASW

	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
Test	1	7.179	7.179	1.625	0.204	1.625	0.231
Residual	178	786.216	4.417				

Means Table for AASW

Effect: Test

	Count	Mean	Std. Dev.	Std. Err.
Audio(withVisual)	84	5.619	2.27	0.248
AudioOnly	96	5.219	1.942	0.198

Fisher's PLSD for AASW

Effect: Test

Significance Level: 5 %

	Mean Diff.	Crit. Diff.	P-Value
Audio(withVisual), AudioOnly	0.4	0.62	0.204

Scheffe for AASW

Effect: Test

Significance Level: 5 %

	Mean Diff.	Crit. Diff.	P-Value
Audio(withVisual), AudioOnly	0.4	0.62	0.204

3.1.2. ASW and Seat

ANOVA Table
for AASW

	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
Seat	11	137.031	12.457	4.727	<.0001	51.996	1
Residual	84	221.375	2.635				

Means Table for AASW

Effect: Seat

	Count	Mean	Std. Dev.	Std. Err.
D12	8	5.75	1.909	0.675
D17	8	5.625	1.847	0.653
D7	8	6.375	1.302	0.46
GA10	8	3.125	1.727	0.611

GC10	8	3.5	1.309	0.463
GE10	8	3	2.507	0.886
I12	8	6	1.852	0.655
I19	8	6.25	1.282	0.453
I5	8	6	1.512	0.535
M21	8	6	1.069	0.378
M3	8	5.375	1.506	0.532
O10	8	5.625	1.061	0.375

Means Table for AASW

Effect: Seat

	Count	Mean	Std. Dev.	Std. Err.
D12	8	5.75	1.909	0.675
D17	8	5.625	1.847	0.653
D7	8	6.375	1.302	0.46
GA10	8	3.125	1.727	0.611
GC10	8	3.5	1.309	0.463
GE10	8	3	2.507	0.886
I12	8	6	1.852	0.655
I19	8	6.25	1.282	0.453
I5	8	6	1.512	0.535
M21	8	6	1.069	0.378
M3	8	5.375	1.506	0.532
O10	8	5.625	1.061	0.375

Fisher's PLSD for AASW

Effect: Seat

Significance Level: 5 %

	Mean Diff.	Crit. Diff	P-Value	
D12, D17	0.125	1.614	0.878	
D12, D7	-0.625	1.614	0.4435	
D12, GA10	2.625	1.614	0.0017	S
D12, GC10	2.25	1.614	0.0069	S
D12, GE10	2.75	1.614	0.0011	S
D12, I12	-0.25	1.614	0.7588	
D12, I19	-0.5	1.614	0.5396	
D12, I5	-0.25	1.614	0.7588	
D12, M21	-0.25	1.614	0.7588	
D12, M3	0.375	1.614	0.6453	
D12, O10	0.125	1.614	0.878	
D17, D7	-0.75	1.614	0.3581	
D17, GA10	2.5	1.614	0.0028	S
D17, GC10	2.125	1.614	0.0105	S
D17, GE10	2.625	1.614	0.0017	S
D17, I12	-0.375	1.614	0.6453	
D17, I19	-0.625	1.614	0.4435	
D17, I5	-0.375	1.614	0.6453	
D17, M21	-0.375	1.614	0.6453	
D17, M3	0.25	1.614	0.7588	

D17, O10	0	1.614	.	
D7, GA10	3.25	1.614	0.0001	S
D7, GC10	2.875	1.614	0.0007	S
D7, GE10	3.375	1.614	<.0001	S
D7, I12	0.375	1.614	0.6453	
D7, I19	0.125	1.614	0.878	
D7, I5	0.375	1.614	0.6453	
D7, M21	0.375	1.614	0.6453	
D7, M3	1	1.614	0.2214	
D7, O10	0.75	1.614	0.3581	
GA10, GC10	-0.375	1.614	0.6453	
GA10, GE10	0.125	1.614	0.878	
GA10, I12	-2.875	1.614	0.0007	S
GA10, I19	-3.125	1.614	0.0002	S
GA10, I5	-2.875	1.614	0.0007	S
GA10, M21	-2.875	1.614	0.0007	S
GA10, M3	-2.25	1.614	0.0069	S
GA10, O10	-2.5	1.614	0.0028	S
GC10, GE10	0.5	1.614	0.5396	
GC10, I12	-2.5	1.614	0.0028	S
GC10, I19	-2.75	1.614	0.0011	S
GC10, I5	-2.5	1.614	0.0028	S
GC10, M21	-2.5	1.614	0.0028	S
GC10, M3	-1.875	1.614	0.0233	S
GC10, O10	-2.125	1.614	0.0105	S
GE10, I12	-3	1.614	0.0004	S
GE10, I19	-3.25	1.614	0.0001	S
GE10, I5	-3	1.614	0.0004	S
GE10, M21	-3	1.614	0.0004	S
GE10, M3	-2.375	1.614	0.0044	S
GE10, O10	-2.625	1.614	0.0017	S
I12, I19	-0.25	1.614	0.7588	
I12, I5	0	1.614	.	
I12, M21	0	1.614	.	
I12, M3	0.625	1.614	0.4435	
I12, O10	0.375	1.614	0.6453	
I19, I5	0.25	1.614	0.7588	
I19, M21	0.25	1.614	0.7588	
I19, M3	0.875	1.614	0.2841	
I19, O10	0.625	1.614	0.4435	
I5, M21	0	1.614	.	
I5, M3	0.625	1.614	0.4435	
I5, O10	0.375	1.614	0.6453	
M21, M3	0.625	1.614	0.4435	
M21, O10	0.375	1.614	0.6453	
M3, O10	-0.25	1.614	0.7588	

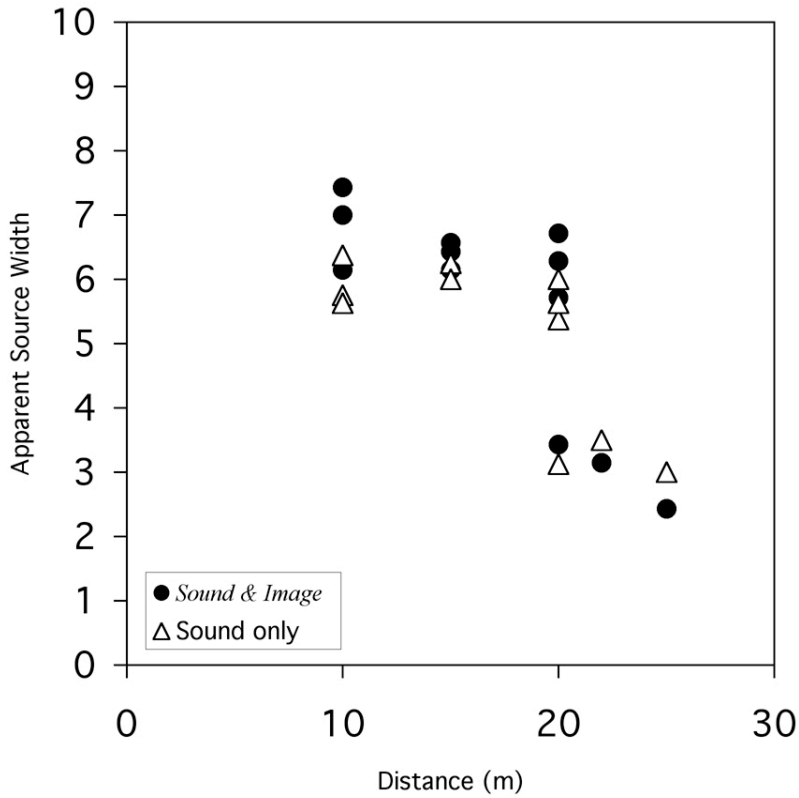


Figure A3.1. ASW ratings compared between audiovisual and audio, based on actual distance

3.1.3. LEV and Test Mode

ANOVA Table for ALEV

	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
Test	1	5.858	5.858	1.193	0.2762	1.193	0.182
Residual	178	873.942	4.91				

Means Table for ALEV

Effect: Test

	Count	Mean	Std. Dev.	Std. Err.
Audio(withVisual)	84	5.56	2.147	0.234
AudioOnly	96	5.198	2.274	0.232

Fisher's PLSD for ALEV

Effect: Test

Significance Level: 5 %

	Mean Diff.	Crit. Diff	P-Value
Audio(withVisual), AudioOnly	0.362	0.653	0.2762

Scheffe for ALEV

Effect: Test

Significance Level: 5 %

	Mean Diff.	Crit. Diff	P-Value
Audio(withVisual), AudioOnly	0.362	0.653	0.2762

3.1.4. LEV and Seat

ANOVA Table
for ALEV

	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
Seat	11	138.988	12.635	3.733	0.0003	41.061	0.996
Residual	72	243.714	3.385				

Means Table for
ALEV

Effect: Seat

	Count	Mean	Std. Dev.	Std. Err.
D7	7	7.429	2.149	0.812
D12	7	6.429	1.813	0.685
D17	7	6.571	1.272	0.481
I5	7	6.143	2.268	0.857
I12	7	6.143	2.34	0.884
I19	7	5.286	1.799	0.68
M21	7	6.429	1.718	0.649
M3	7	6.143	1.676	0.634
O10	7	5.429	1.988	0.751
GA10	7	4.286	1.704	0.644
GC10	7	3.429	1.988	0.751
GE10	7	3	0.816	0.309

Fisher's PLSD for ALEV

Effect: Seat

Significance Level: 5 %

	Mean Diff.	Crit. Diff	P-Value
D12, D17	-0.143	1.96	0.8849
D12, D7	-1	1.96	0.3126
D12, GA10	2.143	1.96	0.0326
D12, GC10	3	1.96	0.0032
D12, GE10	3.429	1.96	0.0008
D12, I12	0.286	1.96	0.7722
D12, I19	1.143	1.96	0.249
D12, I5	0.286	1.96	0.7722
D12, M21	0	1.96	.
D12, M3	0.286	1.96	0.7722
D12, O10	1	1.96	0.3126
D17, D7	-0.857	1.96	0.3863
D17, GA10	2.286	1.96	0.0229
D17, GC10	3.143	1.96	0.0021
D17, GE10	3.571	1.96	0.0005
D17, I12	0.429	1.96	0.6643

D17, I19	1.286	1.96	0.1952	
D17, I5	0.429	1.96	0.6643	
D17, M21	0.143	1.96	0.8849	
D17, M3	0.429	1.96	0.6643	
D17, O10	1.143	1.96	0.249	
D7, GA10	3.143	1.96	0.0021	S
D7, GC10	4	1.96	0.0001	S
D7, GE10	4.429	1.96	<.0001	S
D7, I12	1.286	1.96	0.1952	
D7, I19	2.143	1.96	0.0326	S
D7, I5	1.286	1.96	0.1952	
D7, M21	1	1.96	0.3126	
D7, M3	1.286	1.96	0.1952	
D7, O10	2	1.96	0.0457	S
GA10, GC10	0.857	1.96	0.3863	
GA10, GE10	1.286	1.96	0.1952	
GA10, I12	-1.857	1.96	0.063	
GA10, I19	-1	1.96	0.3126	
GA10, I5	-1.857	1.96	0.063	
GA10, M21	-2.143	1.96	0.0326	S
GA10, M3	-1.857	1.96	0.063	
GA10, O10	-1.143	1.96	0.249	
GC10, GE10	0.429	1.96	0.6643	
GC10, I12	-2.714	1.96	0.0073	S
GC10, I19	-1.857	1.96	0.063	
GC10, I5	-2.714	1.96	0.0073	S
GC10, M21	-3	1.96	0.0032	S
GC10, M3	-2.714	1.96	0.0073	S
GC10, O10	-2	1.96	0.0457	S
GE10, I12	-3.143	1.96	0.0021	S
GE10, I19	-2.286	1.96	0.0229	S
GE10, I5	-3.143	1.96	0.0021	S
GE10, M21	-3.429	1.96	0.0008	S
GE10, M3	-3.143	1.96	0.0021	S
GE10, O10	-2.429	1.96	0.0159	S
I12, I19	0.857	1.96	0.3863	
I12, I5	0	1.96	.	
I12, M21	-0.286	1.96	0.7722	
I12, M3	0	1.96	.	
I12, O10	0.714	1.96	0.47	
I19, I5	-0.857	1.96	0.3863	
I19, M21	-1.143	1.96	0.249	
I19, M3	-0.857	1.96	0.3863	
I19, O10	-0.143	1.96	0.8849	
I5, M21	-0.286	1.96	0.7722	
I5, M3	0	1.96	.	
I5, O10	0.714	1.96	0.47	
M21, M3	0.286	1.96	0.7722	
M21, O10	1	1.96	0.3126	

M3, O10	0.714	1.96	0.47
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Scheffe for ALEV

Effect: Seat

Significance Level: 5 %

	Mean Diff.	Crit. Diff	P-Value
D12, D17	-0.143	4.525	>.9999
D12, D7	-1	4.525	>.9999
D12, GA10	2.143	4.525	0.9369
D12, GC10	3	4.525	0.5956
D12, GE10	3.429	4.525	0.3701
D12, I12	0.286	4.525	>.9999
D12, I19	1.143	4.525	0.9997
D12, I5	0.286	4.525	>.9999
D12, M21	0	4.525	.
D12, M3	0.286	4.525	>.9999
D12, O10	1	4.525	>.9999
D17, D7	-0.857	4.525	>.9999
D17, GA10	2.286	4.525	0.9029
D17, GC10	3.143	4.525	0.5185
D17, GE10	3.571	4.525	0.3035
D17, I12	0.429	4.525	>.9999
D17, I19	1.286	4.525	0.9991
D17, I5	0.429	4.525	>.9999
D17, M21	0.143	4.525	>.9999
D17, M3	0.429	4.525	>.9999
D17, O10	1.143	4.525	0.9997
D7, GA10	3.143	4.525	0.5185
D7, GC10	4	4.525	0.149
D7, GE10	4.429	4.525	0.0621
D7, I12	1.286	4.525	0.9991
D7, I19	2.143	4.525	0.9369
D7, I5	1.286	4.525	0.9991
D7, M21	1	4.525	>.9999
D7, M3	1.286	4.525	0.9991
D7, O10	2	4.525	0.9614
GA10, GC10	0.857	4.525	>.9999
GA10, GE10	1.286	4.525	0.9991
GA10, I12	-1.857	4.525	0.978
GA10, I19	-1	4.525	>.9999
GA10, I5	-1.857	4.525	0.978
GA10, M21	-2.143	4.525	0.9369
GA10, M3	-1.857	4.525	0.978
GA10, O10	-1.143	4.525	0.9997
GC10, GE10	0.429	4.525	>.9999
GC10, I12	-2.714	4.525	0.7413
GC10, I19	-1.857	4.525	0.978
GC10, I5	-2.714	4.525	0.7413
GC10, M21	-3	4.525	0.5956

GC10, M3	-2.714	4.525	0.7413
GC10, O10	-2	4.525	0.9614
GE10, I12	-3.143	4.525	0.5185
GE10, I19	-2.286	4.525	0.9029
GE10, I5	-3.143	4.525	0.5185
GE10, M21	-3.429	4.525	0.3701
GE10, M3	-3.143	4.525	0.5185
GE10, O10	-2.429	4.525	0.8588
I12, I19	0.857	4.525	>.9999
I12, I5	0	4.525	.
I12, M21	-0.286	4.525	>.9999
I12, M3	0	4.525	.
I12, O10	0.714	4.525	>.9999
I19, I5	-0.857	4.525	>.9999
I19, M21	-1.143	4.525	0.9997
I19, M3	-0.857	4.525	>.9999
I19, O10	-0.143	4.525	>.9999
I5, M21	-0.286	4.525	>.9999
I5, M3	0	4.525	.
I5, O10	0.714	4.525	>.9999
M21, M3	0.286	4.525	>.9999
M21, O10	1	4.525	>.9999
M3, O10	0.714	4.525	>.9999

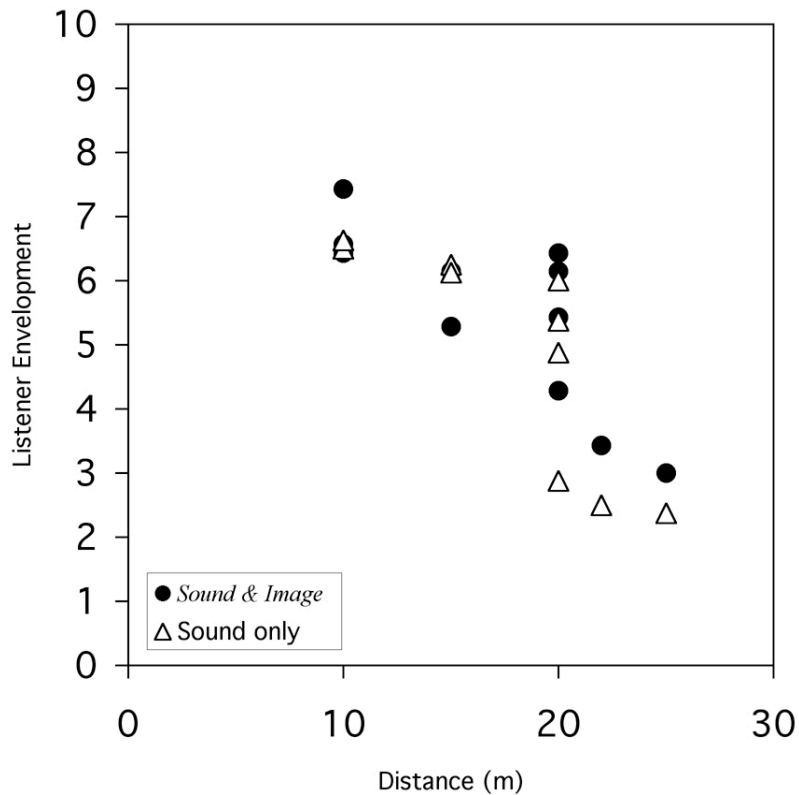


Figure A3.2. LEV ratings compared between audiovisual and audio, based on actual distance

3.1.5. ASW vs. LEV

ANOVA Table for
Rating

	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
Impression	1	0.149	0.149	0.03	0.8616	0.03	0.053
Residual	166	810.512	4.883				

Fisher's PLSD for Rating

Effect: Impression

Significance Level: 5 %

	Mean Diff.	Crit. Diff	P-Value
ASW, LEV	0.06	0.673	0.8616

Scheffe for Rating

Effect: Impression

Significance Level: 5 %

	Mean Diff.	Crit. Diff	P-Value
ASW, LEV	0.06	0.673	0.8616

3.2. Auditory Intimacy – audiovisual stimuli

3.2.1. Auditory Intimacy and Test Mode

ANOVA Table
for AIntimacy

	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
Test	1	11.401	11.401	1.799	0.1815	1.799	0.251

Means Table for AIntimacy

Effect: Test

	Count	Mean	Std. Dev.	Std. Err.
Audio(withVisual)	84	4.869	2.706	0.295
AudioOnly	96	4.365	2.34	0.239

Fisher's PLSD for AIntimacy

Effect: Test

Significance Level: 5 %

	Mean Diff.	Crit. Diff	P-Value
Audio(withVisual), AudioOnly	0.504	0.742	0.1815

Scheffe for AIntimacy

Effect: Test

Significance Level: 5 %

Mean Diff.	Crit. Diff	P-Value

Audio(withVisual), AudioOnly	0.504	0.742	0.1815
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3.2.2. Auditory Intimacy and Seat

ANOVA Table for

AIntimacy

	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
Seat	11	214.988	19.544	3.585	0.0005	39.43	0.994
Residual	72	392.571	5.452				

Means Table for

AIntimacy

Effect: Seat

	Count	Mean	Std. Dev.	Std. Err.
D12	7	6.429	2.637	0.997
D17	7	6.286	2.289	0.865
D7	7	7.286	2.628	0.993
GA10	7	3	2.309	0.873
GC10	7	2.714	2.36	0.892
GE10	7	1.571	0.787	0.297
I12	7	4.714	3.039	1.149
I19	7	5.571	2.37	0.896
I5	7	5.286	2.563	0.969
M21	7	5.714	1.976	0.747
M3	7	5	2.236	0.845
O10	7	4.857	2.116	0.8

Fisher's PLSD for AIntimacy

Effect: Seat

Significance Level: 5 %

	Mean Diff.	Crit. Diff	P-Value
D12, D17	0.143	2.488	0.9092
D12, D7	-0.857	2.488	0.4945
D12, GA10	3.429	2.488	0.0076
D12, GC10	3.714	2.488	0.004
D12, GE10	4.857	2.488	0.0002
D12, I12	1.714	2.488	0.1739
D12, I19	0.857	2.488	0.4945
D12, I5	1.143	2.488	0.3629
D12, M21	0.714	2.488	0.5689
D12, M3	1.429	2.488	0.2562
D12, O10	1.571	2.488	0.2121
D17, D7	-1	2.488	0.4257
D17, GA10	3.286	2.488	0.0104
D17, GC10	3.571	2.488	0.0055
D17, GE10	4.714	2.488	0.0003
D17, I12	1.571	2.488	0.2121
D17, I19	0.714	2.488	0.5689
D17, I5	1	2.488	0.4257

D17, M21	0.571	2.488	0.6485	
D17, M3	1.286	2.488	0.3064	
D17, O10	1.429	2.488	0.2562	
D7, GA10	4.286	2.488	0.001	S
D7, GC10	4.571	2.488	0.0005	S
D7, GE10	5.714	2.488	<.0001	S
D7, I12	2.571	2.488	0.043	S
D7, I19	1.714	2.488	0.1739	
D7, I5	2	2.488	0.1134	
D7, M21	1.571	2.488	0.2121	
D7, M3	2.286	2.488	0.0712	
D7, O10	2.429	2.488	0.0556	
GA10, GC10	0.286	2.488	0.8196	
GA10, GE10	1.429	2.488	0.2562	
GA10, I12	-1.714	2.488	0.1739	
GA10, I19	-2.571	2.488	0.043	S
GA10, I5	-2.286	2.488	0.0712	
GA10, M21	-2.714	2.488	0.0329	S
GA10, M3	-2	2.488	0.1134	
GA10, O10	-1.857	2.488	0.1411	
GC10, GE10	1.143	2.488	0.3629	
GC10, I12	-2	2.488	0.1134	
GC10, I19	-2.857	2.488	0.025	S
GC10, I5	-2.571	2.488	0.043	S
GC10, M21	-3	2.488	0.0188	S
GC10, M3	-2.286	2.488	0.0712	
GC10, O10	-2.143	2.488	0.0903	
GE10, I12	-3.143	2.488	0.014	S
GE10, I19	-4	2.488	0.002	S
GE10, I5	-3.714	2.488	0.004	S
GE10, M21	-4.143	2.488	0.0014	S
GE10, M3	-3.429	2.488	0.0076	S
GE10, O10	-3.286	2.488	0.0104	S
I12, I19	-0.857	2.488	0.4945	
I12, I5	-0.571	2.488	0.6485	
I12, M21	-1	2.488	0.4257	
I12, M3	-0.286	2.488	0.8196	
I12, O10	-0.143	2.488	0.9092	
I19, I5	0.286	2.488	0.8196	
I19, M21	-0.143	2.488	0.9092	
I19, M3	0.571	2.488	0.6485	
I19, O10	0.714	2.488	0.5689	
I5, M21	-0.429	2.488	0.7323	
I5, M3	0.286	2.488	0.8196	
I5, O10	0.429	2.488	0.7323	
M21, M3	0.714	2.488	0.5689	
M21, O10	0.857	2.488	0.4945	
M3, O10	0.143	2.488	0.9092	

Scheffe for AIntimacy

Effect: Seat

Significance Level: 5 %

	Mean Diff.	Crit. Diff	P-Value
D12, D17	0.143	5.742	>.9999
D12, D7	-0.857	5.742	>.9999
D12, GA10	3.429	5.742	0.7474
D12, GC10	3.714	5.742	0.6347
D12, GE10	4.857	5.742	0.2027
D12, I12	1.714	5.742	0.9986
D12, I19	0.857	5.742	>.9999
D12, I5	1.143	5.742	>.9999
D12, M21	0.714	5.742	>.9999
D12, M3	1.429	5.742	0.9997
D12, O10	1.571	5.742	0.9994
D17, D7	-1	5.742	>.9999
D17, GA10	3.286	5.742	0.7974
D17, GC10	3.571	5.742	0.6927
D17, GE10	4.714	5.742	0.2439
D17, I12	1.571	5.742	0.9994
D17, I19	0.714	5.742	>.9999
D17, I5	1	5.742	>.9999
D17, M21	0.571	5.742	>.9999
D17, M3	1.286	5.742	>.9999
D17, O10	1.429	5.742	0.9997
D7, GA10	4.286	5.742	0.3958
D7, GC10	4.571	5.742	0.2902
D7, GE10	5.714	5.742	0.0526
D7, I12	2.571	5.742	0.9576
D7, I19	1.714	5.742	0.9986
D7, I5	2	5.742	0.9943
D7, M21	1.571	5.742	0.9994
D7, M3	2.286	5.742	0.9828
D7, O10	2.429	5.742	0.9723
GA10, GC10	0.286	5.742	>.9999
GA10, GE10	1.429	5.742	0.9997
GA10, I12	-1.714	5.742	0.9986
GA10, I19	-2.571	5.742	0.9576
GA10, I5	-2.286	5.742	0.9828
GA10, M21	-2.714	5.742	0.9377
GA10, M3	-2	5.742	0.9943
GA10, O10	-1.857	5.742	0.997
GC10, GE10	1.143	5.742	>.9999
GC10, I12	-2	5.742	0.9943
GC10, I19	-2.857	5.742	0.912
GC10, I5	-2.571	5.742	0.9576
GC10, M21	-3	5.742	0.8801
GC10, M3	-2.286	5.742	0.9828
GC10, O10	-2.143	5.742	0.9898

GE10, I12	-3.143	5.742	0.8418
GE10, I19	-4	5.742	0.5137
GE10, I5	-3.714	5.742	0.6347
GE10, M21	-4.143	5.742	0.4537
GE10, M3	-3.429	5.742	0.7474
GE10, O10	-3.286	5.742	0.7974
I12, I19	-0.857	5.742	>.9999
I12, I5	-0.571	5.742	>.9999
I12, M21	-1	5.742	>.9999
I12, M3	-0.286	5.742	>.9999
I12, O10	-0.143	5.742	>.9999
I19, I5	0.286	5.742	>.9999
I19, M21	-0.143	5.742	>.9999
I19, M3	0.571	5.742	>.9999
I19, O10	0.714	5.742	>.9999
I5, M21	-0.429	5.742	>.9999
I5, M3	0.286	5.742	>.9999
I5, O10	0.429	5.742	>.9999
M21, M3	0.714	5.742	>.9999
M21, O10	0.857	5.742	>.9999
M3, O10	0.143	5.742	>.9999

3.3. Perceived auditory and visual distance

3.3.1. Perceived auditory and actual distance – audiovisual stimuli

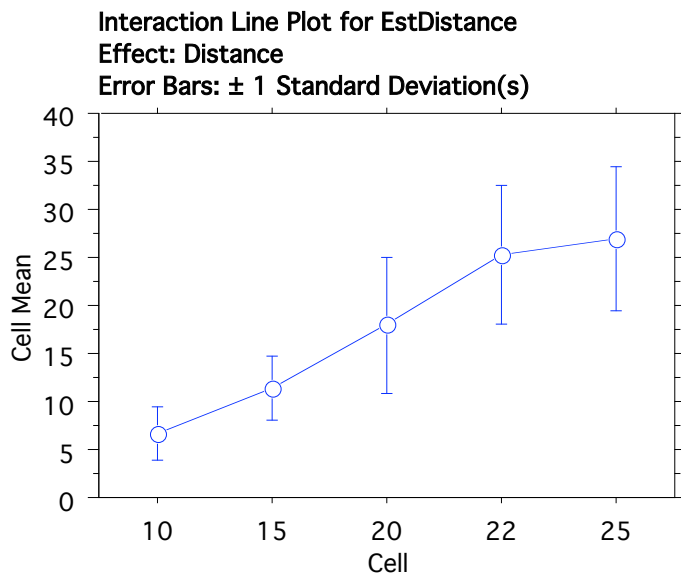
ANOVA Table for EstDistance

	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
Distance	4	3766.119	941.53	30.912	<.0001	123.649	1
Residual	79	2406.202	30.458				

Means Table for EstDistance

Effect: Distance

	Count	Mean	Std. Dev.	Std. Err.
10	21	6.571	2.785	0.608
15	21	11.333	3.307	0.722
20	28	17.964	7.152	1.352
22	7	25.286	7.204	2.723
25	7	27	7.528	2.845



Fisher's PLSD for EstDistance
 Effect: Distance
 Significance Level: 5 %

	Mean Diff.	Crit. Diff	P-Value	
10, 15	-4.762	3.39	0.0065	S
10, 20	-11.393	3.171	<.0001	S
10, 22	-18.714	4.794	<.0001	S
10, 25	-20.429	4.794	<.0001	S
15, 20	-6.631	3.171	<.0001	S
15, 22	-13.952	4.794	<.0001	S
15, 25	-15.667	4.794	<.0001	S
20, 22	-7.321	4.642	0.0024	S
20, 25	-9.036	4.642	0.0002	S
22, 25	-1.714	5.872	0.5628	

Scheffe for EstDistance
 Effect: Distance
 Significance Level: 5 %

	Mean Diff.	Crit. Diff	P-Value	
10, 15	-4.762	5.372	0.1096	
10, 20	-11.393	5.025	<.0001	S
10, 22	-18.714	7.598	<.0001	S
10, 25	-20.429	7.598	<.0001	S
15, 20	-6.631	5.025	0.0032	S
15, 22	-13.952	7.598	<.0001	S
15, 25	-15.667	7.598	<.0001	S
20, 22	-7.321	7.356	0.0518	
20, 25	-9.036	7.356	0.0076	S
22, 25	-1.714	9.305	0.987	

3.3.2. Perceived visual and Test Mode

ANOVA Table for
EstDistance

	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
Test	1	531.174	531.174	3.997	0.0467	3.997	0.499
Residual	238	31629.476	132.897				

Means Table for EstDistance
Effect: Test

	Count	Mean	Std. Dev.	Std. Err.
Visual(withAudio)	84	14.548	7.613	0.831
VisualOnly	156	17.667	13.154	1.053

Fisher's PLSD for EstDistance
Effect: Test
Significance Level: 5 %

	Mean Diff.	Crit. Diff	P-Value
Visual(withAudio), VisualOnly	-3.119	3.073	0.0467

Scheffe for EstDistance
Effect: Test
Significance Level: 5 %

	Mean Diff.	Crit. Diff	P-Value
Visual(withAudio), VisualOnly	-3.119	3.073	0.0467

3.4. Visual Intimacy & Envelopment – audiovisual stimuli

3.4.1. Visual intimacy and Test Mode

ANOVA Table for
VIntimacy

	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
Test	1	60.449	60.449	12.649	0.0005	12.649	0.961
Residual	238	1137.347	4.779				

Means Table for
VIntimacy
Effect: Test

	Count	Mean	Std. Dev.	Std. Err.
Visual(withAudio)	84	4.845	2.412	0.263
VisualOnly	156	5.897	2.055	0.165

Fisher's PLSD for VIntimacy
Effect: Test
Significance Level: 5 %

	Mean Diff.	Crit. Diff	P-Value
Visual(withAudio), VisualOnly	-1.052	0.583	0.0005

Scheffe for VIntimacy

Effect: Test

Significance Level: 5 %

	Mean Diff.	Crit. Diff	P-Value	
Visual(withAudio), VisualOnly	-1.052	0.583	0.0005	S

3.4.2. Visual Intimacy and Seat

ANOVA Table for

VIntimacy

	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
Seat	11	219.845	19.986	5.468	<.0001	60.153	1
Residual	72	263.143	3.655				

Means Table for

VIntimacy

Effect: Seat

	Count	Mean	Std. Dev.	Std. Err.
D7	7	6.857	2.478	0.937
D12	7	6.571	2.07	0.782
D17	7	6.857	2.34	0.884
I5	7	5.429	2.07	0.782
I12	7	5.143	2.545	0.962
I19	7	5.714	1.89	0.714
M21	7	4.857	1.773	0.67
M3	7	4.714	1.976	0.747
O10	7	4.857	1.676	0.634
GA10	7	3.143	1.773	0.67
GC10	7	2.143	0.69	0.261
GE10	7	1.857	0.378	0.143

Fisher's PLSD for VIntimacy

Effect: Seat

Significance Level: 5 %

	Mean Diff.	Crit. Diff	P-Value	
D12, D17	-0.286	2.037	0.7806	
D12, D7	-0.286	2.037	0.7806	
D12, GA10	3.429	2.037	0.0013	S
D12, GC10	4.429	2.037	<.0001	S
D12, GE10	4.714	2.037	<.0001	S
D12, I12	1.429	2.037	0.1664	
D12, I19	0.857	2.037	0.4044	
D12, I5	1.143	2.037	0.2671	
D12, M21	1.714	2.037	0.0978	
D12, M3	1.857	2.037	0.0733	
D12, O10	1.714	2.037	0.0978	
D17, D7	0	2.037	.	
D17, GA10	3.714	2.037	0.0005	S
D17, GC10	4.714	2.037	<.0001	S

D17, GE10	5	2.037	<.0001	S
D17, I12	1.714	2.037	0.0978	
D17, I19	1.143	2.037	0.2671	
D17, I5	1.429	2.037	0.1664	
D17, M21	2	2.037	0.0542	
D17, M3	2.143	2.037	0.0395	S
D17, O10	2	2.037	0.0542	
D7, GA10	3.714	2.037	0.0005	S
D7, GC10	4.714	2.037	<.0001	S
D7, GE10	5	2.037	<.0001	S
D7, I12	1.714	2.037	0.0978	
D7, I19	1.143	2.037	0.2671	
D7, I5	1.429	2.037	0.1664	
D7, M21	2	2.037	0.0542	
D7, M3	2.143	2.037	0.0395	S
D7, O10	2	2.037	0.0542	
GA10, GC10	1	2.037	0.3311	
GA10, GE10	1.286	2.037	0.2124	
GA10, I12	-2	2.037	0.0542	
GA10, I19	-2.571	2.037	0.0141	S
GA10, I5	-2.286	2.037	0.0284	S
GA10, M21	-1.714	2.037	0.0978	
GA10, M3	-1.571	2.037	0.1285	
GA10, O10	-1.714	2.037	0.0978	
GC10, GE10	0.286	2.037	0.7806	
GC10, I12	-3	2.037	0.0045	S
GC10, I19	-3.571	2.037	0.0008	S
GC10, I5	-3.286	2.037	0.002	S
GC10, M21	-2.714	2.037	0.0097	S
GC10, M3	-2.571	2.037	0.0141	S
GC10, O10	-2.714	2.037	0.0097	S
GE10, I12	-3.286	2.037	0.002	S
GE10, I19	-3.857	2.037	0.0003	S
GE10, I5	-3.571	2.037	0.0008	S
GE10, M21	-3	2.037	0.0045	S
GE10, M3	-2.857	2.037	0.0066	S
GE10, O10	-3	2.037	0.0045	S
I12, I19	-0.571	2.037	0.5778	
I12, I5	-0.286	2.037	0.7806	
I12, M21	0.286	2.037	0.7806	
I12, M3	0.429	2.037	0.6762	
I12, O10	0.286	2.037	0.7806	
I19, I5	0.286	2.037	0.7806	
I19, M21	0.857	2.037	0.4044	
I19, M3	1	2.037	0.3311	
I19, O10	0.857	2.037	0.4044	
I5, M21	0.571	2.037	0.5778	
I5, M3	0.714	2.037	0.4868	
I5, O10	0.571	2.037	0.5778	

M21, M3	0.143	2.037	0.8892
M21, O10	0	2.037	
M3, O10	-0.143	2.037	0.8892

Scheffe for VIntimacy

Effect: Seat

Significance Level: 5 %

	Mean Diff.	Crit. Diff	P-Value	
D12, D17	-0.286	4.701	>.9999	
D12, D7	-0.286	4.701	>.9999	
D12, GA10	3.429	4.701	0.4353	
D12, GC10	4.429	4.701	0.0889	
D12, GE10	4.714	4.701	0.0486	S
D12, I12	1.429	4.701	0.9983	
D12, I19	0.857	4.701	>.9999	
D12, I5	1.143	4.701	0.9998	
D12, M21	1.714	4.701	0.9916	
D12, M3	1.857	4.701	0.9838	
D12, O10	1.714	4.701	0.9916	
D17, D7	0	4.701	.	
D17, GA10	3.714	4.701	0.3021	
D17, GC10	4.714	4.701	0.0486	S
D17, GE10	5	4.701	0.0251	S
D17, I12	1.714	4.701	0.9916	
D17, I19	1.143	4.701	0.9998	
D17, I5	1.429	4.701	0.9983	
D17, M21	2	4.701	0.971	
D17, M3	2.143	4.701	0.9518	
D17, O10	2	4.701	0.971	
D7, GA10	3.714	4.701	0.3021	
D7, GC10	4.714	4.701	0.0486	S
D7, GE10	5	4.701	0.0251	S
D7, I12	1.714	4.701	0.9916	
D7, I19	1.143	4.701	0.9998	
D7, I5	1.429	4.701	0.9983	
D7, M21	2	4.701	0.971	
D7, M3	2.143	4.701	0.9518	
D7, O10	2	4.701	0.971	
GA10, GC10	1	4.701	>.9999	
GA10, GE10	1.286	4.701	0.9994	
GA10, I12	-2	4.701	0.971	
GA10, I19	-2.571	4.701	0.8424	
GA10, I5	-2.286	4.701	0.9245	
GA10, M21	-1.714	4.701	0.9916	
GA10, M3	-1.571	4.701	0.996	
GA10, O10	-1.714	4.701	0.9916	
GC10, GE10	0.286	4.701	>.9999	
GC10, I12	-3	4.701	0.6553	
GC10, I19	-3.571	4.701	0.366	

GC10, I5	-3.286	4.701	0.5081
GC10, M21	-2.714	4.701	0.7875
GC10, M3	-2.571	4.701	0.8424
GC10, O10	-2.714	4.701	0.7875
GE10, I12	-3.286	4.701	0.5081
GE10, I19	-3.857	4.701	0.2449
GE10, I5	-3.571	4.701	0.366
GE10, M21	-3	4.701	0.6553
GE10, M3	-2.857	4.701	0.7245
GE10, O10	-3	4.701	0.6553
I12, I19	-0.571	4.701	>.9999
I12, I5	-0.286	4.701	>.9999
I12, M21	0.286	4.701	>.9999
I12, M3	0.429	4.701	>.9999
I12, O10	0.286	4.701	>.9999
I19, I5	0.286	4.701	>.9999
I19, M21	0.857	4.701	>.9999
I19, M3	1	4.701	>.9999
I19, O10	0.857	4.701	>.9999
I5, M21	0.571	4.701	>.9999
I5, M3	0.714	4.701	>.9999
I5, O10	0.571	4.701	>.9999
M21, M3	0.143	4.701	>.9999
M21, O10	0	4.701	.
M3, O10	-0.143	4.701	>.9999

3.4.3. Visual Envelopment and Test Mode

ANOVA Table
for VEnv

	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
Test	1	21.485	21.485	4.808	0.0293	4.808	0.581
Residual	238	1063.411	4.468				

Means Table for VEnv

Effect: Test

	Count	Mean	Std. Dev.	Std. Err.
Visual(withAudio)	84	5.571	2.124	0.232
VisualOnly	156	6.199	2.108	0.169

Fisher's PLSD for VEnv

Effect: Test

Significance Level: 5 %

	Mean Diff.	Crit. Diff	P-Value
Visual(withAudio), VisualOnly	-0.627	0.564	0.0293

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Scheffe for VEnv
 Effect: Test
 Significance Level: 5 %

	Mean Diff.	Crit. Diff	P-Value
Visual(withAudio), VisualOnly	-0.627	0.564	0.0293

3.4.4. Envelopment and Seat

ANOVA Table for
 VEnv

	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
Seat	11	125.429	11.403	3.295	0.0011	36.248	0.989
Residual	72	249.143	3.46				

Means Table for VEnv
 Effect: Seat

	Count	Mean	Std. Dev.	Std. Err.
D12	7	6.857	2.734	1.033
D17	7	6.714	2.563	0.969
D7	7	7.571	1.988	0.751
GA10	7	4.429	1.988	0.751
GC10	7	3.714	1.799	0.68
GE10	7	3.429	1.813	0.685
I12	7	6.286	0.951	0.36
I19	7	6.143	1.864	0.705
I5	7	6.143	1.574	0.595
M21	7	5.286	1.38	0.522
M3	7	5.143	1.773	0.67
O10	7	5.143	1.069	0.404

Fisher's PLSD for VEnv
 Effect: Seat
 Significance Level: 5 %

	Mean Diff.	Crit. Diff	P-Value
D12, D17	0.143	1.982	0.8862
D12, D7	-0.714	1.982	0.4749
D12, GA10	2.429	1.982	0.017
D12, GC10	3.143	1.982	0.0023
D12, GE10	3.429	1.982	0.0009
D12, I12	0.571	1.982	0.5673
D12, I19	0.714	1.982	0.4749
D12, I5	0.714	1.982	0.4749
D12, M21	1.571	1.982	0.1184
D12, M3	1.714	1.982	0.089
D12, O10	1.714	1.982	0.089
D17, D7	-0.857	1.982	0.3915
D17, GA10	2.286	1.982	0.0244
D17, GC10	3	1.982	0.0035
D17, GE10	3.286	1.982	0.0015

D17, I12	0.429	1.982	0.6677	
D17, I19	0.571	1.982	0.5673	
D17, I5	0.571	1.982	0.5673	
D17, M21	1.429	1.982	0.1551	
D17, M3	1.571	1.982	0.1184	
D17, O10	1.571	1.982	0.1184	
D7, GA10	3.143	1.982	0.0023	S
D7, GC10	3.857	1.982	0.0002	S
D7, GE10	4.143	1.982	<.0001	S
D7, I12	1.286	1.982	0.2001	
D7, I19	1.429	1.982	0.1551	
D7, I5	1.429	1.982	0.1551	
D7, M21	2.286	1.982	0.0244	S
D7, M3	2.429	1.982	0.017	S
D7, O10	2.429	1.982	0.017	S
GA10, GC10	0.714	1.982	0.4749	
GA10, GE10	1	1.982	0.3179	
GA10, I12	-1.857	1.982	0.0659	
GA10, I19	-1.714	1.982	0.089	
GA10, I5	-1.714	1.982	0.089	
GA10, M21	-0.857	1.982	0.3915	
GA10, M3	-0.714	1.982	0.4749	
GA10, O10	-0.714	1.982	0.4749	
GC10, GE10	0.286	1.982	0.7747	
GC10, I12	-2.571	1.982	0.0117	S
GC10, I19	-2.429	1.982	0.017	S
GC10, I5	-2.429	1.982	0.017	S
GC10, M21	-1.571	1.982	0.1184	
GC10, M3	-1.429	1.982	0.1551	
GC10, O10	-1.429	1.982	0.1551	
GE10, I12	-2.857	1.982	0.0053	S
GE10, I19	-2.714	1.982	0.008	S
GE10, I5	-2.714	1.982	0.008	S
GE10, M21	-1.857	1.982	0.0659	
GE10, M3	-1.714	1.982	0.089	
GE10, O10	-1.714	1.982	0.089	
I12, I19	0.143	1.982	0.8862	
I12, I5	0.143	1.982	0.8862	
I12, M21	1	1.982	0.3179	
I12, M3	1.143	1.982	0.2542	
I12, O10	1.143	1.982	0.2542	
I19, I5	0	1.982	.	
I19, M21	0.857	1.982	0.3915	
I19, M3	1	1.982	0.3179	
I19, O10	1	1.982	0.3179	
I5, M21	0.857	1.982	0.3915	
I5, M3	1	1.982	0.3179	
I5, O10	1	1.982	0.3179	
M21, M3	0.143	1.982	0.8862	

M21, O10	0.143	1.982	0.8862
M3, O10	0	1.982	.

Scheffe for VEnv

Effect: Seat

Significance Level: 5 %

	Mean Diff.	Crit. Diff	P-Value
D12, D17	0.143	4.575	>.9999
D12, D7	-0.714	4.575	>.9999
D12, GA10	2.429	4.575	0.8678
D12, GC10	3.143	4.575	0.5371
D12, GE10	3.429	4.575	0.3887
D12, I12	0.571	4.575	>.9999
D12, I19	0.714	4.575	>.9999
D12, I5	0.714	4.575	>.9999
D12, M21	1.571	4.575	0.995
D12, M3	1.714	4.575	0.9895
D12, O10	1.714	4.575	0.9895
D17, D7	-0.857	4.575	>.9999
D17, GA10	2.286	4.575	0.9096
D17, GC10	3	4.575	0.6131
D17, GE10	3.286	4.575	0.4614
D17, I12	0.429	4.575	>.9999
D17, I19	0.571	4.575	>.9999
D17, I5	0.571	4.575	>.9999
D17, M21	1.429	4.575	0.9978
D17, M3	1.571	4.575	0.995
D17, O10	1.571	4.575	0.995
D7, GA10	3.143	4.575	0.5371
D7, GC10	3.857	4.575	0.2069
D7, GE10	4.143	4.575	0.1238
D7, I12	1.286	4.575	0.9992
D7, I19	1.429	4.575	0.9978
D7, I5	1.429	4.575	0.9978
D7, M21	2.286	4.575	0.9096
D7, M3	2.429	4.575	0.8678
D7, O10	2.429	4.575	0.8678
GA10, GC10	0.714	4.575	>.9999
GA10, GE10	1	4.575	>.9999
GA10, I12	-1.857	4.575	0.9798
GA10, I19	-1.714	4.575	0.9895
GA10, I5	-1.714	4.575	0.9895
GA10, M21	-0.857	4.575	>.9999
GA10, M3	-0.714	4.575	>.9999
GA10, O10	-0.714	4.575	>.9999
GC10, GE10	0.286	4.575	>.9999
GC10, I12	-2.571	4.575	0.8161
GC10, I19	-2.429	4.575	0.8678
GC10, I5	-2.429	4.575	0.8678

GC10, M21	-1.571	4.575	0.995
GC10, M3	-1.429	4.575	0.9978
GC10, O10	-1.429	4.575	0.9978
GE10, I12	-2.857	4.575	0.6868
GE10, I19	-2.714	4.575	0.7552
GE10, I5	-2.714	4.575	0.7552
GE10, M21	-1.857	4.575	0.9798
GE10, M3	-1.714	4.575	0.9895
GE10, O10	-1.714	4.575	0.9895
I12, I19	0.143	4.575	>.9999
I12, I5	0.143	4.575	>.9999
I12, M21	1	4.575	>.9999
I12, M3	1.143	4.575	0.9997
I12, O10	1.143	4.575	0.9997
I19, I5	0	4.575	.
I19, M21	0.857	4.575	>.9999
I19, M3	1	4.575	>.9999
I19, O10	1	4.575	>.9999
I5, M21	0.857	4.575	>.9999
I5, M3	1	4.575	>.9999
I5, O10	1	4.575	>.9999
M21, M3	0.143	4.575	>.9999
M21, O10	0.143	4.575	>.9999
M3, O10	0	4.575	.

3.5. Visual Spaciousness and Stage Dominance – audiovisual stimuli

3.5.1. Visual Spaciousness and Test Mode

ANOVA Table for VSpaciousness

	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
Test	1	121.504	121.504	40.4	<.0001	40.4	1
Residual	238	715.792	3.008				

Means Table for VSpaciousness
Effect: Test

	Count	Mean	Std. Dev.	Std. Err.
VisualOnly	84	5.81	1.929	0.211
VisualOnly	156	7.301	1.62	0.13

Fisher's PLSD for VSpaciousness
Effect: Test
Significance Level: 5 %

	Mean Diff.	Crit. Diff	P-Value
Visual(withAudio), VisualOnly	-1.492	0.462	<.0001

Scheffe for VSpaciousness

Effect: Test

Significance Level: 5 %

	Mean Diff.	Crit. Diff	P-Value
Visual(withAudio), VisualOnly	-1.492	0.462	<.0001

3.5.2 Visual Spaciousness and Seat

ANOVA Table for VSpaciousness

	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
Seat	11	26.952	2.45	0.626	0.8012	6.881	0.309
Residual	72	282	3.917				

Means Table for VSpaciousness

Effect: Seat

	Count	Mean	Std. Dev.	Std. Err.
D12	7	5.714	1.89	0.714
D17	7	5.571	1.512	0.571
D7	7	6.143	1.952	0.738
GA10	7	5.571	2.936	1.11
GC10	7	4.714	3.094	1.169
GE10	7	5.429	2.76	1.043
I12	7	5.429	1.272	0.481
I19	7	5.286	2.059	0.778
I5	7	6.714	0.951	0.36
M21	7	6.286	1.254	0.474
M3	7	6.286	1.254	0.474
O10	7	6.571	1.272	0.481

Fisher's PLSD for VSpaciousness

Effect: Seat

Significance Level: 5 %

	Mean Diff.	Crit. Diff	P-Value
D12, D17	0.143	2.109	0.893
D12, D7	-0.429	2.109	0.6866
D12, GA10	0.143	2.109	0.893
D12, GC10	1	2.109	0.3477
D12, GE10	0.286	2.109	0.7879
D12, I12	0.286	2.109	0.7879
D12, I19	0.429	2.109	0.6866
D12, I5	-1	2.109	0.3477
D12, M21	-0.571	2.109	0.5907
D12, M3	-0.571	2.109	0.5907
D12, O10	-0.857	2.109	0.4205
D17, D7	-0.571	2.109	0.5907
D17, GA10	0	2.109	.

D17, GC10	0.857	2.109	0.4205
D17, GE10	0.143	2.109	0.893
D17, I12	0.143	2.109	0.893
D17, I19	0.286	2.109	0.7879
D17, I5	-1.143	2.109	0.2836
D17, M21	-0.714	2.109	0.5017
D17, M3	-0.714	2.109	0.5017
D17, O10	-1	2.109	0.3477
D7, GA10	0.571	2.109	0.5907
D7, GC10	1.429	2.109	0.1811
D7, GE10	0.714	2.109	0.5017
D7, I12	0.714	2.109	0.5017
D7, I19	0.857	2.109	0.4205
D7, I5	-0.571	2.109	0.5907
D7, M21	-0.143	2.109	0.893
D7, M3	-0.143	2.109	0.893
D7, O10	-0.429	2.109	0.6866
GA10, GC10	0.857	2.109	0.4205
GA10, GE10	0.143	2.109	0.893
GA10, I12	0.143	2.109	0.893
GA10, I19	0.286	2.109	0.7879
GA10, I5	-1.143	2.109	0.2836
GA10, M21	-0.714	2.109	0.5017
GA10, M3	-0.714	2.109	0.5017
GA10, O10	-1	2.109	0.3477
GC10, GE10	-0.714	2.109	0.5017
GC10, I12	-0.714	2.109	0.5017
GC10, I19	-0.571	2.109	0.5907
GC10, I5	-2	2.109	0.0627
GC10, M21	-1.571	2.109	0.1418
GC10, M3	-1.571	2.109	0.1418
GC10, O10	-1.857	2.109	0.0834
GE10, I12	0	2.109	.
GE10, I19	0.143	2.109	0.893
GE10, I5	-1.286	2.109	0.2282
GE10, M21	-0.857	2.109	0.4205
GE10, M3	-0.857	2.109	0.4205
GE10, O10	-1.143	2.109	0.2836
I12, I19	0.143	2.109	0.893
I12, I5	-1.286	2.109	0.2282
I12, M21	-0.857	2.109	0.4205
I12, M3	-0.857	2.109	0.4205
I12, O10	-1.143	2.109	0.2836
I19, I5	-1.429	2.109	0.1811
I19, M21	-1	2.109	0.3477
I19, M3	-1	2.109	0.3477
I19, O10	-1.286	2.109	0.2282
I5, M21	0.429	2.109	0.6866
I5, M3	0.429	2.109	0.6866
I5, O10	0.143	2.109	0.893
M21, M3	0	2.109	.

M21, O10 -0.286 2.109 0.7879
M3, O10 -0.286 2.109 0.7879

Scheffe for VSpaciousness

Effect: Seat

Significance Level: 5 %

	Mean Diff.	Crit. Diff	P-Value
D12, D17	0.143	4.867	>.9999
D12, D7	-0.429	4.867	>.9999
D12, GA10	0.143	4.867	>.9999
D12, GC10	1	4.867	>.9999
D12, GE10	0.286	4.867	>.9999
D12, I12	0.286	4.867	>.9999
D12, I19	0.429	4.867	>.9999
D12, I5	-1	4.867	>.9999
D12, M21	-0.571	4.867	>.9999
D12, M3	-0.571	4.867	>.9999
D12, O10	-0.857	4.867	>.9999
D17, D7	-0.571	4.867	>.9999
D17, GA10	0	4.867	.
D17, GC10	0.857	4.867	>.9999
D17, GE10	0.143	4.867	>.9999
D17, I12	0.143	4.867	>.9999
D17, I19	0.286	4.867	>.9999
D17, I5	-1.143	4.867	0.9999
D17, M21	-0.714	4.867	>.9999
D17, M3	-0.714	4.867	>.9999
D17, O10	-1	4.867	>.9999
D7, GA10	0.571	4.867	>.9999
D7, GC10	1.429	4.867	0.9988
D7, GE10	0.714	4.867	>.9999
D7, I12	0.714	4.867	>.9999
D7, I19	0.857	4.867	>.9999
D7, I5	-0.571	4.867	>.9999
D7, M21	-0.143	4.867	>.9999
D7, M3	-0.143	4.867	>.9999
D7, O10	-0.429	4.867	>.9999
GA10, GC10	0.857	4.867	>.9999
GA10, GE10	0.143	4.867	>.9999
GA10, I12	0.143	4.867	>.9999
GA10, I19	0.286	4.867	>.9999
GA10, I5	-1.143	4.867	0.9999
GA10, M21	-0.714	4.867	>.9999
GA10, M3	-0.714	4.867	>.9999
GA10, O10	-1	4.867	>.9999
GC10, GE10	-0.714	4.867	>.9999
GC10, I12	-0.714	4.867	>.9999
GC10, I19	-0.571	4.867	>.9999
GC10, I5	-2	4.867	0.9778
GC10, M21	-1.571	4.867	0.9971

GC10, M3	-1.571	4.867	0.9971
GC10, O10	-1.857	4.867	0.9878
GE10, I12	0	4.867	.
GE10, I19	0.143	4.867	>.9999
GE10, I5	-1.286	4.867	0.9996
GE10, M21	-0.857	4.867	>.9999
GE10, M3	-0.857	4.867	>.9999
GE10, O10	-1.143	4.867	0.9999
I12, I19	0.143	4.867	>.9999
I12, I5	-1.286	4.867	0.9996
I12, M21	-0.857	4.867	>.9999
I12, M3	-0.857	4.867	>.9999
I12, O10	-1.143	4.867	0.9999
I19, I5	-1.429	4.867	0.9988
I19, M21	-1	4.867	>.9999
I19, M3	-1	4.867	>.9999
I19, O10	-1.286	4.867	0.9996
I5, M21	0.429	4.867	>.9999
I5, M3	0.429	4.867	>.9999
I5, O10	0.143	4.867	>.9999
M21, M3	0	4.867	.
M21, O10	-0.286	4.867	>.9999
M3, O10	-0.286	4.867	>.9999

3.5.3 Visual Stage Dominance and Test Mode

ANOVA Table for VStageDom

	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
Test	1	167.913	167.913	50.08	<.0001	50.08	1
Residual	238	797.983	3.353				

Means Table for VStageDom
Effect: Test

	Count	Mean	Std. Dev.	Std. Err.
Visual(withAudio)	84	5.381	1.881	0.205
VisualOnly	156	7.135	1.804	0.144

Fisher's PLSD for VStageDom
Effect: Test
Significance Level: 5 %

	Mean Diff.	Crit. Diff	P-Value
Visual(withAudio), VisualOnly	-1.754	0.488	<.0001

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Scheffe for VStageDom
Effect: Test
Significance Level: 5 %

	Mean Diff.	Crit. Diff	P-Value
Visual(withAudio), VisualOnly	-1.754	0.488	<.0001

3.5.4. Visual Stage Dominance and Seat

ANOVA Table for VStageDom

	DF	Sum of Squares	Mean Square	F-Value	P-Value	Lambda	Power
Seat	11	29.81	2.71	0.739	0.6977	8.13	0.368
Residual	72	264	3.667				

Means Table for VStageDom

Effect: Seat

	Count	Mean	Std. Dev.	Std. Err.
D12	7	5.714	2.138	0.808
D17	7	4.857	1.864	0.705
D7	7	5.571	2.149	0.812
GA10	7	5	2.517	0.951
GC10	7	3.857	2.34	0.884
GE10	7	5.143	1.676	0.634
I12	7	5.286	1.254	0.474
I19	7	5.429	2.149	0.812
I5	7	6	1.414	0.535
M21	7	5.857	1.773	0.67
M3	7	5.714	1.496	0.565
O10	7	6.143	1.773	0.67

Fisher's PLSD for VStageDom

Effect: Seat

Significance Level: 5 %

	Mean Diff.	Crit. Diff	P-Value
D12, D17	0.857	2.04	0.4051
D12, D7	0.143	2.04	0.8894
D12, GA10	0.714	2.04	0.4875
D12, GC10	1.857	2.04	0.0738
D12, GE10	0.571	2.04	0.5784
D12, I12	0.429	2.04	0.6767
D12, I19	0.286	2.04	0.7809
D12, I5	-0.286	2.04	0.7809
D12, M21	-0.143	2.04	0.8894
D12, M3	0	2.04	.
D12, O10	-0.429	2.04	0.6767
D17, D7	-0.714	2.04	0.4875
D17, GA10	-0.143	2.04	0.8894
D17, GC10	1	2.04	0.3318
D17, GE10	-0.286	2.04	0.7809
D17, I12	-0.429	2.04	0.6767
D17, I19	-0.571	2.04	0.5784
D17, I5	-1.143	2.04	0.2679

D17, M21	-1	2.04	0.3318	
D17, M3	-0.857	2.04	0.4051	
D17, O10	-1.286	2.04	0.2131	
D7, GA10	0.571	2.04	0.5784	
D7, GC10	1.714	2.04	0.0983	
D7, GE10	0.429	2.04	0.6767	
D7, I12	0.286	2.04	0.7809	
D7, I19	0.143	2.04	0.8894	
D7, I5	-0.429	2.04	0.6767	
D7, M21	-0.286	2.04	0.7809	
D7, M3	-0.143	2.04	0.8894	
D7, O10	-0.571	2.04	0.5784	
GA10, GC10	1.143	2.04	0.2679	
GA10, GE10	-0.143	2.04	0.8894	
GA10, I12	-0.286	2.04	0.7809	
GA10, I19	-0.429	2.04	0.6767	
GA10, I5	-1	2.04	0.3318	
GA10, M21	-0.857	2.04	0.4051	
GA10, M3	-0.714	2.04	0.4875	
GA10, O10	-1.143	2.04	0.2679	
GC10, GE10	-1.286	2.04	0.2131	
GC10, I12	-1.429	2.04	0.1671	
GC10, I19	-1.571	2.04	0.1291	
GC10, I5	-2.143	2.04	0.0398	S
GC10, M21	-2	2.04	0.0546	
GC10, M3	-1.857	2.04	0.0738	
GC10, O10	-2.286	2.04	0.0286	S
GE10, I12	-0.143	2.04	0.8894	
GE10, I19	-0.286	2.04	0.7809	
GE10, I5	-0.857	2.04	0.4051	
GE10, M21	-0.714	2.04	0.4875	
GE10, M3	-0.571	2.04	0.5784	
GE10, O10	-1	2.04	0.3318	
I12, I19	-0.143	2.04	0.8894	
I12, I5	-0.714	2.04	0.4875	
I12, M21	-0.571	2.04	0.5784	
I12, M3	-0.429	2.04	0.6767	
I12, O10	-0.857	2.04	0.4051	
I19, I5	-0.571	2.04	0.5784	
I19, M21	-0.429	2.04	0.6767	
I19, M3	-0.286	2.04	0.7809	
I19, O10	-0.714	2.04	0.4875	
I5, M21	0.143	2.04	0.8894	
I5, M3	0.286	2.04	0.7809	
I5, O10	-0.143	2.04	0.8894	
M21, M3	0.143	2.04	0.8894	
M21, O10	-0.286	2.04	0.7809	
M3, O10	-0.429	2.04	0.6767	

Scheffe for VStageDom

Effect: Seat

Significance Level: 5 %

	Mean Diff.	Crit. Diff	P-Value
D12, D17	0.857	4.709	>.9999
D12, D7	0.143	4.709	>.9999
D12, GA10	0.714	4.709	>.9999
D12, GC10	1.857	4.709	0.984
D12, GE10	0.571	4.709	>.9999
D12, I12	0.429	4.709	>.9999
D12, I19	0.286	4.709	>.9999
D12, I5	-0.286	4.709	>.9999
D12, M21	-0.143	4.709	>.9999
D12, M3	0	4.709	.
D12, O10	-0.429	4.709	>.9999
D17, D7	-0.714	4.709	>.9999
D17, GA10	-0.143	4.709	>.9999
D17, GC10	1	4.709	>.9999
D17, GE10	-0.286	4.709	>.9999
D17, I12	-0.429	4.709	>.9999
D17, I19	-0.571	4.709	>.9999
D17, I5	-1.143	4.709	0.9998
D17, M21	-1	4.709	>.9999
D17, M3	-0.857	4.709	>.9999
D17, O10	-1.286	4.709	0.9994
D7, GA10	0.571	4.709	>.9999
D7, GC10	1.714	4.709	0.9917
D7, GE10	0.429	4.709	>.9999
D7, I12	0.286	4.709	>.9999
D7, I19	0.143	4.709	>.9999
D7, I5	-0.429	4.709	>.9999
D7, M21	-0.286	4.709	>.9999
D7, M3	-0.143	4.709	>.9999
D7, O10	-0.571	4.709	>.9999
GA10, GC10	1.143	4.709	0.9998
GA10, GE10	-0.143	4.709	>.9999
GA10, I12	-0.286	4.709	>.9999
GA10, I19	-0.429	4.709	>.9999
GA10, I5	-1	4.709	>.9999
GA10, M21	-0.857	4.709	>.9999
GA10, M3	-0.714	4.709	>.9999
GA10, O10	-1.143	4.709	0.9998
GC10, GE10	-1.286	4.709	0.9994
GC10, I12	-1.429	4.709	0.9983
GC10, I19	-1.571	4.709	0.9961
GC10, I5	-2.143	4.709	0.9523
GC10, M21	-2	4.709	0.9714
GC10, M3	-1.857	4.709	0.984

GC10, O10	-2.286	4.709	0.9254
GE10, I12	-0.143	4.709>.9999	
GE10, I19	-0.286	4.709>.9999	
GE10, I5	-0.857	4.709>.9999	
GE10, M21	-0.714	4.709>.9999	
GE10, M3	-0.571	4.709>.9999	
GE10, O10	-1	4.709>.9999	
I12, I19	-0.143	4.709>.9999	
I12, I5	-0.714	4.709>.9999	
I12, M21	-0.571	4.709>.9999	
I12, M3	-0.429	4.709>.9999	
I12, O10	-0.857	4.709>.9999	
I19, I5	-0.571	4.709>.9999	
I19, M21	-0.429	4.709>.9999	
I19, M3	-0.286	4.709>.9999	
I19, O10	-0.714	4.709>.9999	
I5, M21	0.143	4.709>.9999	
I5, M3	0.286	4.709>.9999	
I5, O10	-0.143	4.709>.9999	
M21, M3	0.143	4.709>.9999	
M21, O10	-0.286	4.709>.9999	
M3, O10	-0.429	4.709>.9999	

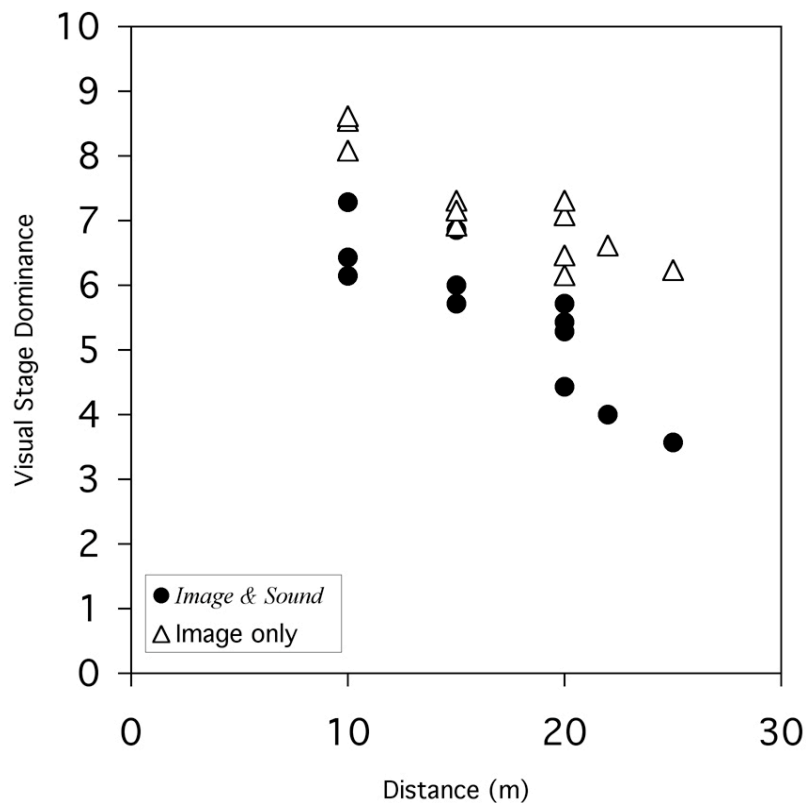


Figure A3.3: *Visual Spaciousness ratings of audiovisual stimuli in comparison with visual stimuli based on actual distance*