

## More JMP Output for Recall Experiment

**Response: Recall**

**Analysis of Variance**

Source	DF	Sum of Squares	Mean Square	F Ratio
Model	5	896.0000	179.200	13.7846
Error	18	234.0000	13.000	Prob > F
C. Total	23	1130.0000		<.0001

**Effect Tests**

Source	Nparm	DF	Sum of Squares	F Ratio	Prob > F
Trmt	5	5	896.00000	13.7846	<.0001

**Effect Details: Trmt**

**LSMeans Differences Tukey HSD**

Alpha=0.050 Q=3.17803

Mean[i]-Mean[j]	1	2	3	4	5	6
Std Err Dif						
Lower CL Dif						
Upper CL Dif						
<b>1</b>	0	-8.5	8.5	1	-3.5	-9.5
	0	2.54951	2.54951	2.54951	2.54951	2.54951
	0	-16.602	0.39757	-7.1024	-11.602	-17.602
	0	-0.3976	16.6024	9.10243	4.60243	-1.3976
<b>2</b>	8.5	0	17	9.5	5	-1
	2.54951	0	2.54951	2.54951	2.54951	2.54951
	0.39757	0	8.89757	1.39757	-3.1024	-9.1024
	16.6024	0	25.1024	17.6024	13.1024	7.10243
<b>3</b>	-8.5	-17	0	-7.5	-12	-18
	2.54951	2.54951	0	2.54951	2.54951	2.54951
	-16.602	-25.102	0	-15.602	-20.102	-26.102
	-0.3976	-8.8976	0	0.60243	-3.8976	-9.8976
<b>4</b>	-1	-9.5	7.5	0	-4.5	-10.5
	2.54951	2.54951	2.54951	0	2.54951	2.54951
	-9.1024	-17.602	-0.6024	0	-12.602	-18.602
	7.10243	-1.3976	15.6024	0	3.60243	-2.3976
<b>5</b>	3.5	-5	12	4.5	0	-6
	2.54951	2.54951	2.54951	2.54951	0	2.54951
	-4.6024	-13.102	3.89757	-3.6024	0	-14.102
	11.6024	3.10243	20.1024	12.6024	0	2.10243
<b>6</b>	9.5	1	18	10.5	6	0
	2.54951	2.54951	2.54951	2.54951	2.54951	0
	1.39757	-7.1024	9.89757	2.39757	-2.1024	0
	17.6024	9.10243	26.1024	18.6024	14.1024	0

Level		Least Sq Mean
6	A	31.500000
2	A	30.500000
5	A B	25.500000
1	B	22.000000
4	B C	21.000000
3	C	13.500000

Levels not connected by same letter are significantly different

**Response Recall**

**Analysis of Variance**

Source	DF	Sum of Squares	Mean Square	F Ratio
Model	5	896.0000	179.200	13.7846
Error	18	234.0000	13.000	Prob > F
C. Total	23	1130.0000		<.0001

**Effect Tests**

Source	Nparm	DF	Sum of Squares	F Ratio	Prob > F
Reinforce	1	1	96.00000	7.3846	0.0141
IsoTime	2	2	196.00000	7.5385	0.0042
Reinforce*IsoTime	2	2	604.00000	23.2308	<.0001

**Effect Details: Reinforce, Isolate, Reinforce\*Isolate  
LSMeans Differences Tukey HSD**

Alpha=0.050 Q=3.17803

Mean[i]-Mean[j]	N,20	N,40	N,60	V,20	V,40	V,60
Std Err Dif						
Lower CL Dif						
Upper CL Dif						
<b>N,20</b>	0	-8.5	8.5	1	-3.5	-9.5
	0	2.54951	2.54951	2.54951	2.54951	2.54951
	0	-16.602	0.39757	-7.1024	-11.602	-17.602
	0	-0.3976	16.6024	9.10243	4.60243	-1.3976
<b>N,40</b>	8.5	0	17	9.5	5	-1
	2.54951	0	2.54951	2.54951	2.54951	2.54951
	0.39757	0	8.89757	1.39757	-3.1024	-9.1024
	16.6024	0	25.1024	17.6024	13.1024	7.10243
<b>N,60</b>	-8.5	-17	0	-7.5	-12	-18
	2.54951	2.54951	0	2.54951	2.54951	2.54951
	-16.602	-25.102	0	-15.602	-20.102	-26.102
	-0.3976	-8.8976	0	0.60243	-3.8976	-9.8976
<b>V,20</b>	-1	-9.5	7.5	0	-4.5	-10.5
	2.54951	2.54951	2.54951	0	2.54951	2.54951
	-9.1024	-17.602	-0.6024	0	-12.602	-18.602
	7.10243	-1.3976	15.6024	0	3.60243	-2.3976
<b>V,40</b>	3.5	-5	12	4.5	0	-6
	2.54951	2.54951	2.54951	2.54951	0	2.54951
	-4.6024	-13.102	3.89757	-3.6024	0	-14.102
	11.6024	3.10243	20.1024	12.6024	0	2.10243
<b>V,60</b>	9.5	1	18	10.5	6	0
	2.54951	2.54951	2.54951	2.54951	2.54951	0
	1.39757	-7.1024	9.89757	2.39757	-2.1024	0
	17.6024	9.10243	26.1024	18.6024	14.1024	0

Level	Least Sq Mean
V,60 A	31.500000
N,40 A	30.500000
V,40 A B	25.500000
N,20 B	22.000000
V,20 B C	21.000000
N,60 C	13.500000

Levels not connected by same letter are significantly different