

SPSS Output for Recall Experiment

Between-Subjects Factors

		Value Label	N
Reinforcement	1.00	None	12
	2.00	Verbal	12
IsolationTime	1.00	20 minutes	8
	2.00	40 minutes	8
	3.00	60 minutes	8

Descriptive Statistics

Dependent Variable: Recall

Reinforcement	IsolationTime	Mean	Std. Deviation	N
None	20 minutes	22.0000	3.65148	4
	40 minutes	30.5000	3.69685	4
	60 minutes	13.5000	4.50925	4
	Total	22.0000	8.09040	12
Verbal	20 minutes	21.0000	3.65148	4
	40 minutes	25.5000	2.38048	4
	60 minutes	31.5000	3.41565	4
	Total	26.0000	5.34279	12
Total	20 minutes	21.5000	3.42261	8
	40 minutes	28.0000	3.92792	8
	60 minutes	22.5000	10.30950	8
	Total	24.0000	7.00931	24

Tests of Between-Subjects Effects

Dependent Variable: Recall

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	896.000(a)	5	179.200	13.785	.000
Intercept	13824.000	1	13824.000	1063.385	.000
Reinforcement	96.000	1	96.000	7.385	.014
IsolationTime	196.000	2	98.000	7.538	.004
Reinforcement * IsolationTime	604.000	2	302.000	23.231	.000
Error	234.000	18	13.000		
Total	14954.000	24			
Corrected Total	1130.000	23			

R Squared = .793 (Adjusted R Squared = .735)

Multiple Comparisons

Dependent Variable: Recall

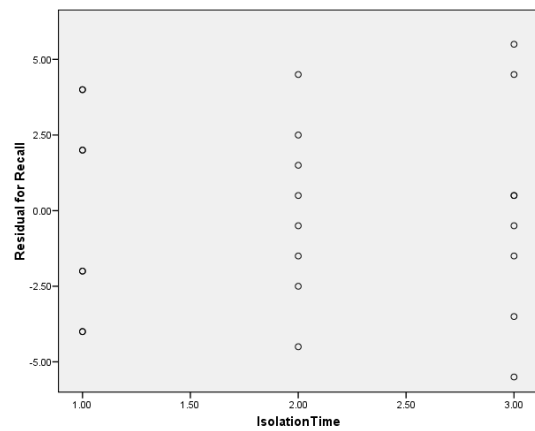
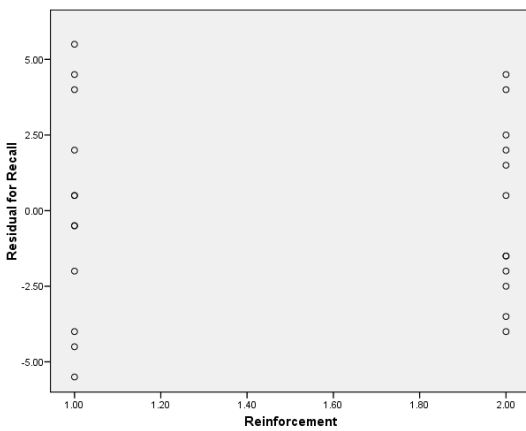
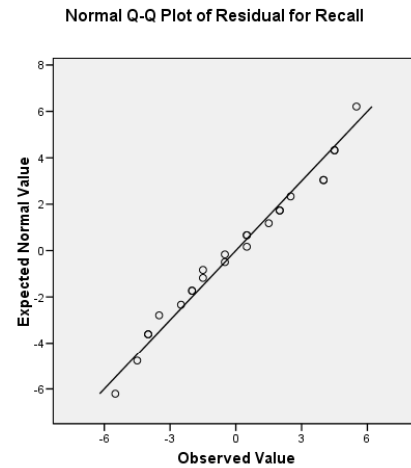
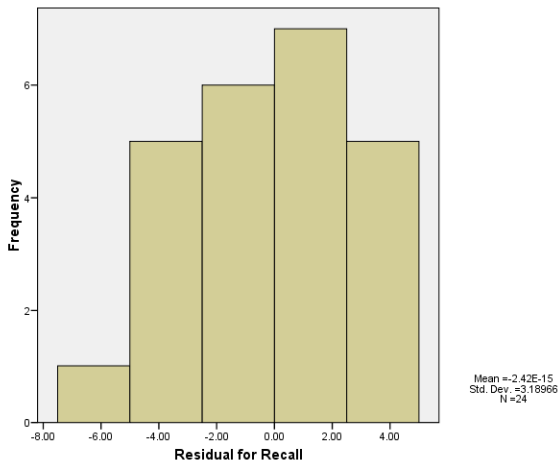
LSD

t* = 2.10092

(I) IsolationTime	(J) IsolationTime	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
20 minutes	40 minutes	-6.5000(*)	1.80278	.002	-10.2875	-2.7125
	60 minutes	-1.0000	1.80278	.586	-4.7875	2.7875
40 minutes	20 minutes	6.5000(*)	1.80278	.002	2.7125	10.2875
	60 minutes	5.5000(*)	1.80278	.007	1.7125	9.2875
60 minutes	20 minutes	1.0000	1.80278	.586	-2.7875	4.7875
	40 minutes	-5.5000(*)	1.80278	.007	-9.2875	-1.7125

Based on observed means.

* The mean difference is significant at the .05 level.



ANOVA

Recall

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	896.000	5	179.200	13.785	.000
Within Groups	234.000	18	13.000		
Total	1130.000	23			

Multiple Comparisons

Dependent Variable: Recall

Tukey HSD

q* = 3.17803

(I) Treatment	(J) Treatment	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
N,20	N,40	-8.50000(*)	2.54951	.037	-16.6024	-.3976
	N,60	8.50000(*)	2.54951	.037	.3976	16.6024
	V,20	1.00000	2.54951	.999	-7.1024	9.1024
	V,40	-3.50000	2.54951	.742	-11.6024	4.6024
	V,60	-9.50000(*)	2.54951	.016	-17.6024	-1.3976
N,40	N,20	8.50000(*)	2.54951	.037	.3976	16.6024
	N,60	17.00000(*)	2.54951	.000	8.8976	25.1024
	V,20	9.50000(*)	2.54951	.016	1.3976	17.6024
	V,40	5.00000	2.54951	.400	-3.1024	13.1024
	V,60	-1.00000	2.54951	.999	-9.1024	7.1024
N,60	N,20	-8.50000(*)	2.54951	.037	-16.6024	-.3976
	N,40	-17.00000(*)	2.54951	.000	-25.1024	-8.8976
	V,20	-7.50000	2.54951	.079	-15.6024	.6024
	V,40	-12.00000(*)	2.54951	.002	-20.1024	-3.8976
	V,60	-18.00000(*)	2.54951	.000	-26.1024	-9.8976
V,20	N,20	-1.00000	2.54951	.999	-9.1024	7.1024
	N,40	-9.50000(*)	2.54951	.016	-17.6024	-1.3976
	N,60	7.50000	2.54951	.079	-.6024	15.6024
	V,40	-4.50000	2.54951	.510	-12.6024	3.6024
	V,60	-10.50000(*)	2.54951	.007	-18.6024	-2.3976
V,40	N,20	3.50000	2.54951	.742	-4.6024	11.6024
	N,40	-5.00000	2.54951	.400	-13.1024	3.1024
	N,60	12.00000(*)	2.54951	.002	3.8976	20.1024
	V,20	4.50000	2.54951	.510	-3.6024	12.6024
	V,60	-6.00000	2.54951	.224	-14.1024	2.1024
V,60	N,20	9.50000(*)	2.54951	.016	1.3976	17.6024
	N,40	1.00000	2.54951	.999	-7.1024	9.1024
	N,60	18.00000(*)	2.54951	.000	9.8976	26.1024
	V,20	10.50000(*)	2.54951	.007	2.3976	18.6024
	V,40	6.00000	2.54951	.224	-2.1024	14.1024

* The mean difference is significant at the .05 level.