

Appendix A

Recall Scores of Individual Subjects. Data Analysis Summary Tables.

Number of Word Pairs Correctly Recalled by Individual Subjectsfrom the SR (Semantically Related) and nSR (Semantically Unrelated) V-N, N-N and V-V Lists

WORD PAIR CATEGORY

	Verb-Noun	Noun-Noun	Verb-Verb		
SEMANTIC RELATEDNESS	Absent	5	6	2	
	(nSR)	8	7	5	
		4	4	3	
		8	6	2	
		2	1	1	
		8	7	4	
		4	5	3	
		3	7	4	
		4	4	1	
		5	8	3	
		4	4	2	
		5	6	6	
		8	6	0	
		Present	5	7	3
		(SR)	7	8	6
			7	10	6
			8	7	5
			6	8	3
			5	6	5
9	10		7		
6	7		5		
8	6		4		
10	10		8		
4	6		5		
8	6		4		

Table 1.

Average Recall Scores for SR-Treated, nSR-Treated and All Subjectsfor V- N, N-N and V-V Word-Pair Lists

		WORD PAIR CATEGORY		
		Verb-Noun	Noun-Noun	Verb-Verb
SEMANTIC RELATEDNESS	Absent (nSR)	5.2	5.5	2.8
	Present (SR)	6.9	7.6	5.1
	All Subjects	6	6.5	3.9

Figure 1.

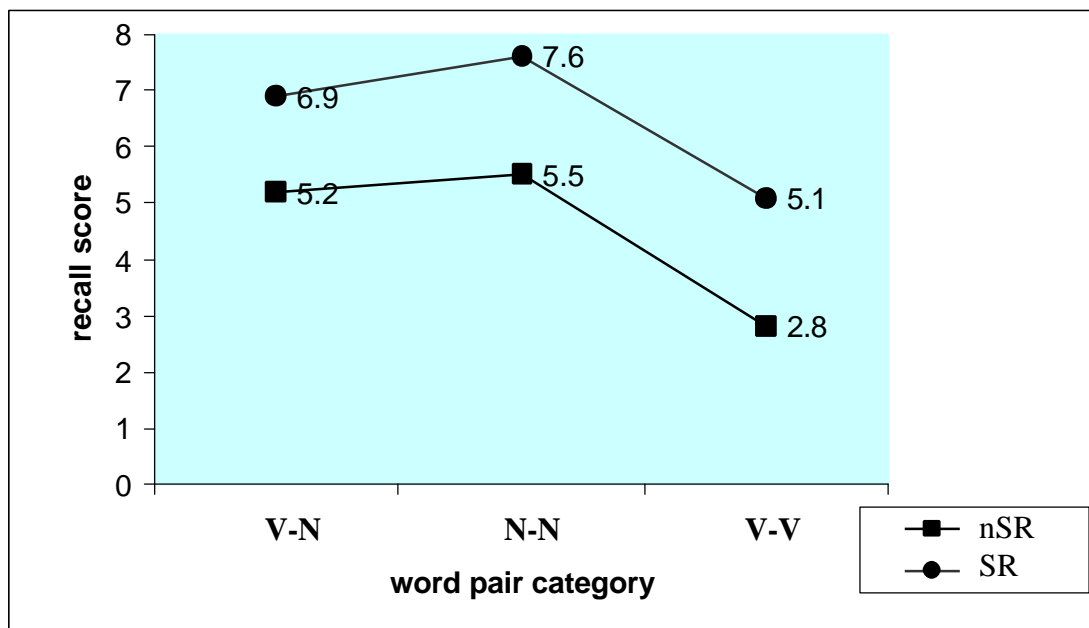
Graph Showing Average Recall Scores for SR-Treated and nSR-Treated Subjectsfor V- N, N-N and V-V Word-Pair Lists

Table 2. Average Scores, Standard Deviation and Number of Subjects

Word Pair Category	Semantic Relatedness	Mean	Std. Deviation	N
Verb-Noun (V-N)	nSR (absent)	5.2	2.1	13
	SR (present)	6.9	1.8	12
	total	6.0	2.1	25
Noun-Noun (N-N)	nSR (absent)	5.5	1.9	13
	SR	7.6	1.6	12
	total	6.5	2.0	25
Verb-Verb (V-V)	nSR (absent)	2.8	1.7	13
	SR (present)	5.1	1.5	12
	total	3.9	2.0	25

Table 3. Factors Effecting the Dependent Variable

	FACTORS	LEVELS
Within-Subject Factor	Word Pair Category	V-N
		N-N
		V-V
Between-Subject Factor	Semantic Relatedness	SR (present) NSR (absent)

Table 4. ANOVA: Tests of Average Within- and Between-Subjects Effects

	<u>Source</u>	<u>Df</u>	<u>Mean Square</u>	<u>F</u>	<u>p</u>
WITHIN-SUBJECTS EFFECTS	Word Pair Category	2	48.06	29.393	0
	Word Pair Category x Semantic Relatedness	2	0.646	0.395	0.676
	Error	46	1.635		
BETWEEN-SUBJECTS EFFECTS	Semantic Relatedness	1	77.951	12.681	0.002
	Error	23	6.147		