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29.67	29.40	29.53	22.93	23.20	29.33	
3.89	3.74	3.66	6.28	5.47	2.82	

(3)

0.000	70.448	460.022	1	460.022	
0.000	40.731	265.971	1	265.971	
		6.530	27	176.307	
		31.114	29	902.300	

(4)

0.000	37.809	460.022	1	460.022	
0.000	25.953	315.771	1	315.771	
		126.167	27	328.508	
		38.079	29	1104.300	

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0.819	0.231	28	0.3541

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0.88	3.66	2.65	17	9-6
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0.454	0.760	28	1.1222

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0.99	3.30	2.91	11	
1.01	4.41	3.26	19	

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0.729	0.1230	2.066	1	2.066	
0.620	0.252	4.229	1	4.229	
0.395	0.747	12.541	1	12.541	*
		16.791	26	436.579	
			30	754.000	

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(Al-Khateeb, 1989)

(Azrin and Wesolowski,1980)

(Hanley et al., 1969)

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Michaud, 1983)

(Azrin and Wesolowski, 1980)

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(Lovaas, Newsom and Hickman, 1987)

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## **Effectiveness of a Behavioral Program in Reducing the Stereotypic Behavior of Mentally Retarded Children**

*Jamal M. Al-Khateeb and Atif A. Bahrawi\**

### **ABSTRACT**

This study investigated the effectiveness of a behavioral program consisting of differential reinforcement of other behavior (DRO) and overcorrection in reducing the stereotypic behavior of mentally retarded children.

Study subjects were selected using a stereotypic behavior instrument, developed and validated for this study. A total of thirty children aged between 6-14 years were chosen. The subjects were assigned randomly to an experimental group and a control group.

Results showed statistically significant differences between the experimental and the control group in favor of the experimental group. The results also showed that no statistically significant differences existed according to gender or age.

**Keywords:** Behavior Modification, Stereotypic Behavior, Mental Retardation, Differential Reinforcement, Overcorrection.

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