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(20) (40) (20)
(12)

(One Way ANCOVA)

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1980 (2007)

(Autism)

1981

(Leo kanner)

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(Auto)

(Autism)

(2003

(National Society for Autistic

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(ism)

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Children)

.(1994)

1994

(Early Childhood Autism)

(Childhood Schizophrenic)

.(2005) (Atypical Ego Development)

.(2007

) (DSM IV)

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2008/11/16

.2009/6/10

(2006)

(150)

(2004

(Anonymous, 2007)

(Leo Kanner)

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-1

-2 (2006) (Rutter)

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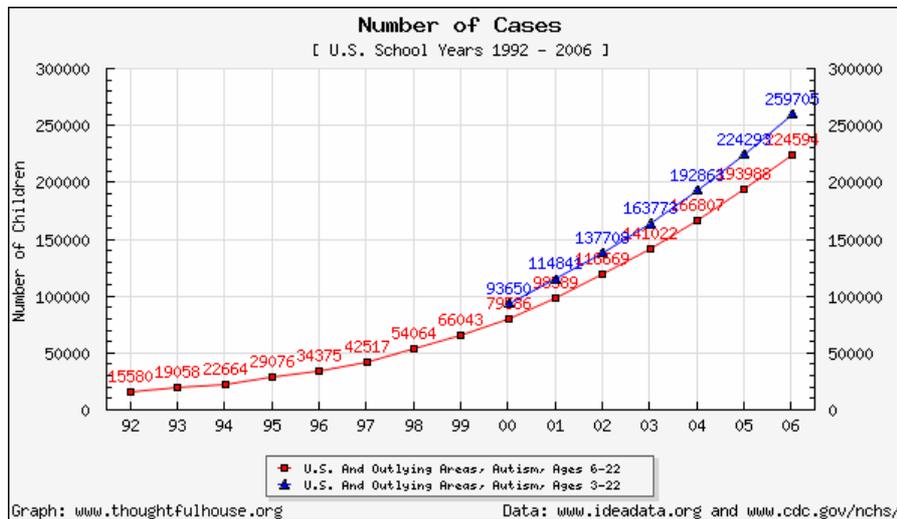
-3

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(The Autism Society

of America)

(2004)



(1)

(2006-1992)

X

%16.5

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% 5

(2002) (Bruno Bettelhiem)

%2 (Bettelhiem) (Psychoanalytic Approach)

(50)

%35

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(2004

(Neurological) :

%23.72 (Psychological) %35.71

(Environmental) %19.76 (Genetic)

(Allergy) %6.74 %7.39

(2001) %6.68 (Biological)

(2001)

32-4

(2002)

.(2006)

.(1996)

:(2004)

.1)

.2

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2006

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(2004

(1984)

(Yirmiya and
(17) (2003) Shaked, 2005) :

(Symon, 2005)

(3) (5-2))
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() (Fleischmann, 2004)

(2004) (20)

(40)

(Hedenbro and
Tjus, 2007)

(20)

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(Brookman-Fraze Baker-Ericzen
and Stahmer, 2005 Lainhart, 1999)

(Yirmiya and Shaked,
.2005)

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.(Symon, 2005; Moes and Frea, 2002)

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-1

-2

($\alpha = 0.05$)

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(40)

(10 10) (20)

(10 10) (20)
(1)

(60)

(1)

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% 50	20
% 50	20
% 50	20
% 50	20
% 30	12
% 70	28
%100	40

(2005)

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(2005)

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(25)

(1996)

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(1996)

(30)

(Test re-test)

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(15)

(0.90)

(2)

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(25)

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15 13 9 7 6 5)

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(1)

(23 19 18 17 14 12 11 10 8 4 3

(25)

.(125)

(%81)

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13)

(4)

(4)

(2)

0.83	1
0.84	2
0.90	

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(5)

(10)

2007/11/6

2007/10/18

(SPSS)

	2.49
	3.49 - 2.50
	3.50

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-1

-2

-3

(12)

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(4)

*			
0.457	3.786	1	2
0.384	3.577	2	1
0.369	3.682		

(5) *
 : - " (4)
 " (15) (6) (3.786) "
 (0.64) " (4.58) (0.384) " (0.457) "
 " (20) (3.577) "
 (4.33) " (3.682) (0.369)
 (23) (0.69) .
 " (2.78) " (0.64)
 .(1.10) .(6) (5)
 " " (7) (5) : -
 (0.05=α) " (4.55) " (0.68)
 " (6) (0.71)
 (4.43) " (0.75)
 (10) (0.71) "
 (1.73) "
 (7) .(0.75)

(5)

1.18	2.53	13	.	1
1.13	2.60	12	.	2
1.10	3.85	7	.	3
0.95	4.15	6	.	4
0.90	4.18	5	.	5
0.71	4.43	2	.	6
0.68	4.55	1	.	7
1.09	2.88	11	()	8
0.67	4.38	3	.	9
0.75	1.73	14	.	10
1.13	3.48	10	.	11
1.28	3.58	8	.	12
0.79	4.20	4	.	13
1.11	3.58	8	.	14

(6)

0.64	4.58	1	.	15
0.79	4.30	4	.	16
1.13	3.25	9	.	17
1.36	3.28	8	.	18
1.14	2.80	10	.	19
0.69	4.33	3	.	20
1.24	4.18	5	.	21
0.86	4.33	2	.	22
1.10	2.78	11	.	23
0.81	3.83	7	.	24
0.92	4.03	6	.	25

(7)

3.416	0.302	3.416	0.279	3.335	40
3.590	0.450	3.590	0.378	3.313	40

(8)

0.223	0.000	22.106	2.556	1	2.556
0.064	*0.025	5.254	0.608	1	0.608
			0.116	77	8.904
				79	12.068

(0.05 = α) *

(9)

3.377	0.389	3.377	0.362	3.315
3.455	0.361	3.455	0.350	3.355
3.460	0.473	3.460	0.481	3.204
3.720	0.514	3.720	0.405	3.423

(0.05 = α)

(8)

(7)

(3.590)

(One

(3.416)
(%6.4)

Way ANCOVA)

.(8)

(10)

0.138	0.001	12.289	2.014	1	2.014
0.206	0.000	19.917	3.164	1	3.164
0.011	0.364	0.835	0.137	1	0.137
0.104	*0.004	8.903	1.414	1	1.414
			0.164	77	12.617
			0.159	77	12.231
			79		14.767
			79		16.809

(0.05 = α) *

(11)

3.522	0.370	3.530	0.284	3.305	42
3.482	0.416	3.472	0.374	3.343	38

(12)

0.210	0.000	20.480	2.521	1	2.521
0.003	0.610	0.262	0.032	1	0.032
			0.123	77	9.480
			79		12.033

(0.05 = α) *

(MANCOVA)

(10)
(10)

(9)

(9)

(3.460) (0.05 = α)
 (%10.4) ()
 (3.720)

(13)

3.467	0.452	3.474	0.464	3.296
3.577	0.443	3.587	0.276	3.314
3.364	0.406	3.356	0.388	3.223
3.599	0.487	3.589	0.448	3.464

(14)

0.134	0.001	11.934	1.944	1	1.944
0.189	0.000	17.919	3.173	1	3.173
0.016	0.261	1.282	0.209	1	0.209
0.001	0.817	0.054	0.010	1	0.010
			0.163	77	12.545
			0.177	77	13.636
			79	14.767	
			79	16.809	

(11)

(0.05 = α)

"

(One

Way ANCOVA)

(12)

(11)

(15)

3.395	0.318	3.395	0.210	3.188	12
3.549	0.412	3.549	0.355	3.383	28

(16)

0.219	0.000	21.596	2.556	1	2.556
0.042	0.071	3.356	0.397	1	0.397
			0.118	77	9.115
				79	12.068

(0.05 = α)

*

(12)

(0.05 = α)

(0.05 = α)

(3.482)

(3.522)

(13)

(13)

(15)

(15)

(MANCOVA)

.(14)

(One Way ANCOVA)

(14)

(0.05 = α)

.(16)

(17)

3.340	0.356	3.340	0.348	3.141
3.451	0.386	3.451	0.270	3.235
3.452	0.460	3.452	0.448	3.310
3.646	0.481	3.646	0.398	3.455

(18)

0.138	0.001	12.362	2.014	1	2.014
0.196	0.000	18.733	3.164	1	3.164
0.017	0.258	1.298	0.211	1	0.211
0.047	0.055	3.796	0.641	1	0.641
			0.163	77	12.542
			0.169	77	13.004
			79		14.767
			79		16.809

(MANCOVA)

(16)

(0.05 = α)

.(18)

(18)

(0.05 = α)

(3.395)

(3.549)

(17)

(17)

			()	(3.682)
			-	
()		(3.786)		-
(3.867)				(3.577)
	(3.497)			

(Yirmiya and Shaked, 2005)

Baker-Ericzen,

(Bookman-Fraze and Stahmer, 2005)

(Symon, 2005)

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Seung, Ashwell, Elder and Valcante,

(2006)

($\alpha = 0.05$)

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2002
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2006
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2001
2004
2005
2004
1994
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21
480-459 : (3)
2004
(2)
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The Effect of a Training Program in Modifying Parental Attitudes towards their Autistic Children

*Muna Abu Shuaib and Osama Bataineh**

ABSTRACT

The purpose of the present study was to identify effects of a proposed group training program in modifying parental attitudes toward their autistic children, and to identify the effect of the program on parents in light of such variables as gender, educational degree, and group. To achieve these goals, an attitudes scale was developed to measure parental attitudes of autistic children towards their children, a training program aiming at modifying parental attitudes, introducing them to autism and how should be treated. The sample of the study consisted of 40 parents of autistic children who were assigned randomly to experimental (n=20) and control (n=20) groups. Pretest and posttest were applied to both groups (experimental and control). The training program was applied to the experimental group whereas the control group received to no program. The program consisted of 12-training sessions and lasted for 3-weeks. To answer the study questions, the means, standard deviations and One Way ANCOVA were used. Findings revealed that the overall mean estimations of parental attitudes towards their autistic children were positive. Also, the study showed statistically significant differences were attributed to variable group where differences were in favor of the experimental in comparison with the control group. No statistically significant differences attributed to the educational qualification and gender.

Keywords: Attitudes, Autistic Child Parents, Training Program, Attitudes Modification, Autism Children, Autism

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