

# A Comparative Study of Early Maladaptive Schemas, Behavioral Problems and Self-Esteem between Single Parent and Two Parent Female Adolescents

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## Abstract

The present study aimed to investigate early maladaptive schemas, behavioral difficulties and self-esteem among female adolescents with single and two parent status in Bonab city. In this causalcomparative study, 52 students with single parent and 52 with two parent status were selected. In order to gather the data, Achenbach Youth Self-Report (YSR), Short Form of Young Schema Questionnaire (YSQSF), and Cooper Smith (CSE) Self Esteem scale were administered. Analysis of variance and t-test for independent groups were used for analyzing the data. The results showed that there was significant difference in terms of social isolation/alienation, failure, dependence/incompetence, vulnerability to harm or illness, subjugation and self-sacrifice schemas between the two groups. Additionally, the results revealed that there was a significant difference in subscales of anxious/depressed, withdrawn/depressed, social problems, attention problems, and aggressive behavior between the two groups. Finally, the findings showed that there was a significant difference between the two groups in terms of social self-esteem. This research has some implications for future studies on investigating the role of family structure on psychological status of adolescents

**Index terms**— single parent, two parent, early maladaptive schema, self-esteem, behavioral difficulties and adolescents.

## 1 A Comparative Study of Early Maladaptive Schemas, Behavioral Problems and Self-Esteem between Single Parent and Two Parent Female Adolescents

Introduction amily is a basic unit of society that has evolved along with changes in the needs and demands of the individuals and society (Kozłowska & Hanney, 2002). Single-parent family is a kind of family in which either the father or mother is absent because of divorce, marital separation, out of -wedlock pregnancy, or death (Greenberg, 2002). Single parent status affects children mentally, emotionally and psychologically (Singh & Kiran, 2012). Several recent studies confirm that the change in family structure might increase problems in children and adolescents. These children are at higher risk of health problems ( Scharte & Bolte, 2013 Family structure is an important factor in the development of behavioral problems in children ??Ryan, Claessens & Markowiz, 2015).Studies revealed that children in single-parent families showed more behavioral problems than children of two parent families (Srivastava, 2005; Seifollah Poor-Bonab & Keshavarzy -Arshady, 2015). Children and adolescents of single parent families exhibited more problems in terms of depression (Larson & Halfon, 2013), anxiety (Fagan and Churchill, 2012), aggression (Usakli, 2013), somatization symptoms and conduct disorder (Seifollah Poor-Bonab & Keshavarzy -Arshady, 2015), withdrawal (Liu, Guo, Okawa, Zhai, Uchiyama, Neiderhiser

& Kurita, 2000), antisocial behavior and hyperactivity (Strohschein, 2012) in comparison with those of intact families. On the other hand, some studies indicated no serious behavioral problems in children of single-parent families compared with children of two-parent families (Hakim Shooshtray, Panaghy & Hajebi, 2008). There is an important research gap based on the contradictory findings obtained from studying behavioral problems in singleparent and two-parent adolescents. Several factors affect behavioral problems, including parental behaviors, family interactions, socio-economic factors (Slobodska, 2015), stress and identity status (Burt & Paysnick, 2014), objective quality of life (Shek, 2005), and early maladaptive schemas (Demehri, Movallai & Ahmadi, 2015). Yong (1999) also emphasized the relationship between behavioral problems and early maladaptive schemas.

Early maladaptive schemas are formed in early childhood based on early experiences derived mainly from the parental or the caregiver's environment ??Young, Klosko & Weishaar, 2010; Hoffart, Sexton, Hedley, Wang & Holthe, 2005). These Schemas arise in childhood or adolescence as a result of interaction between the child's emotional mood and terrible events ??Young, Klosko & Weishaar, 2003). Parental origins of schemas are important because they indicate that family schemas have developed (Jalili, Zargar, Salavati & Kakavand, 2011). Studies showed that the fatherless adolescent schemas were very inconsistent (Khdabkhshy-Kolae, Alizadeh, Mansoor, Pour-Ebrahim, & Falsafinejad, 2015). There were differences in dysfunctional schemas based on adolescent's gender and age. Thus, adolescents experienced a greater degree of maladaptive schemas (Zafropoulou, Avagianou & Vassiliadou, 2014). Some other researches showed that there were meaningful relationships between items of early maladaptive schemas and symptom somatization (shahamat, 2011), eating disorders (Cooper, 1997), substance use disorders (Ball & Cecero, 2001) In addition to behavioral problems and early maladaptive schemas, it seems that adolescents of single-parent and two-parent families are different in terms of self-esteem. Self-esteem is a psychological term which refers to a person's overall evaluation or appraisal of his or her own worth (Kiran, 2003). Many factors affect children's self-esteem. Sock and Shin (2010) compared the factors influencing children's self-esteem in two parent families and single parent families. The results showed that internal control, problematic behavior, school record, and parent-child communication significantly predicted the level of self-esteem in two parent families. On the other hand, social support, family hardness, internal control, problematic behavior, school record, and parent-child communication significantly predicted the level of self-esteem in single parent families. Researchers examined self-esteem in children of single-parent families. Whereas some researches showed that the children from single parent families had lower self-esteem compared with peers from two parent families (Kevorkian, 2010; Glennon, 2002; Wineburgh, 2000; Mandara & Murray, 2000), some other researches indicated that there was no statistically significant difference in the level of self-esteem among students from single parent families and those from two parent families (Kinga, Kimani & Muriithi, 2014).

Due to the contradictory findings in self-esteem and behavioral problems in single parent children and lack of enough research about early maladaptive schemas in this group, a comparison between the early maladaptive schemas, behavioral problems and self-esteem in single-parent and two-parent adolescents seems to be essential to address the research gaps.

Identification of the factors related to single-parent status and the underlying differences in single-parent and two-parent adolescents can be helpful in creating suitable conditions for education. Therefore, this study attempts to examine this question: "Is there a significant difference in early maladaptive schemas, behavioral problems and self-esteem between single-parent and two-parent adolescents?"

## 2 II.

## 3 Method

The study employed a causal comparative research (ex post facto) design, in which the population was composed of all female high school students in the second semester of 2015-2016 school year in Bonab city. The sample, including 52 female students, consisted of single-parent students who were identified by the screening method and selected using the convenience sampling method. The screening tests performed on the single-parent students were used to randomly select the same number of two-parent students from the same school and the same classroom (both groups were thus matched in terms of early maladaptive schemas, behavioral problems and self-esteem). Therefore, a total of 104 single-parent or two-parent students were studied (52 in each group).

## 4 III.

## 5 Procedure

After preparing the required instruments (including Youth Self-Report Scale (YRS), Short form of young Schema Questionnaire (YSQSF) and Self Esteem scale from Cooper Smith (CSE)), the researcher personally attended the girls' schools to identify the single-parent adolescents with the help of school officials, once permission was obtained from Bonab's Department of Education. Then, the same number of two-parent students were randomly selected from the same school and classroom. After providing relevant descriptions, we distributed the questionnaires, which after being completed, were collected from the students on the next day.

## IV.

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## 6 Research Instruments

The following questionnaires were used in this study: i. Young Schema Questionnaire -Short form (YSQSF):

The scale is a 75-item questionnaire evaluating (Minaei, 2005). In this study Cronbach's alpha was also calculated for the subscales of anxious/depressed (0.79), withdrawn/ depressed (0.71), somatic complaints (0.64), social problems (0.64), thought problems (0.68), attention problems (0.59), rule-breaking behavior (0.51), aggressive behavior (0.73), and other problems (0.58).

V.

## 7 Results

The average performance of the single-parent and two-parent adolescents and the standard deviations of scores on each of the variables, for both groups are presented in Table 1. In order to examine differences in Early Maladaptive Schemas between two groups, multivariate analysis of variance (MANOVA) was used by taking other assumptions of MANOVA into account (Table 2). MANOVA showed that there is a significant difference between female adolescent with single-parent and two parent in Early Maladaptive Schemas (Wilks' lambda=0.71,  $F=2.39$ ,  $P=0.006$ ) (Table 2). The results showed that Anxious/depressed ( $F= 8.30$ ,  $DF= 1, 102$ ;  $P= 0.005$ ), withdrawn/depressed ( $F= 5.59$ ,  $DF= 1, 102$ ;  $P=0.02$ ), social problems ( $F= 6.66$ ,  $DF= 1, 102$ ;  $P= 0.011$ ), attention problems ( $F= 5.96$ ,  $DF= 1, 102$ ;  $P= 0.016$ ), and aggressive behavior ( $F= 4.26$ ,  $DF= 1, 102$ ;  $P= 0.041$ ) are significantly different between female adolescents in single parent families and two parents families (table 5). In other words, female adolescents from single parent families obtained significantly higher scores than female adolescents with two parent status in these domains.

In order to examine differences in self-esteem between two groups, an independent samples t-test was conducted (Table 6). Given a violation of Levene's test for homogeneity of variances,  $F(1,102) = 0.03$ ,  $p = 0.84$ , a t-test assuming homogeneous variances was calculated. The average score on total self-esteem in the single-parent adolescents ( $SD = 2.79$  and  $M = 28.86$ ) was compared, using the independent groups t-test, with two-parent adolescents ( $SD = 2.86$  and  $M = 26.48$ ). The comparison showed no significant difference between the single-parent and two-parent adolescents ( $p < 0.270$  and  $t(192) = -1.10$ ).

The results of MANOVA for self-esteem's domains in single parent and two parent female adolescents are displayed in table 7 & In order to examine differences in behavioral problems between two groups, the multivariate analysis of variance was used, given the normal distribution of data and other assumptions of variance analysis (Table 4).

MANOVA showed that two groups had a significant difference in the behavioral problems ( $p=0.048$ ,  $F= 1.69$ , Lambda Wilks=0.48). The results of Wilks Lambda test ( $p < 0.015$  and  $F(3.25 \text{ and } 4) = 0.88$ ) show a significant difference between the two groups in at least one of the subscales of self-esteem domains (public self-esteem, family self-esteem, education self-esteem, and social self-esteem) (Table 7). The results showed that Social self-esteem ( $F=12.83$ ;  $df=1,102$ ;  $P=0.001$ ) is significantly different between female adolescents in single parent families and two parents families (table 8). In other words, from single parent families obtained significantly lower scores on Social self-esteem subscale than female adolescents from two-parent families.

## 8 VI.

## 9 Discussion

The aim of this study was to compare maladaptive schemes, behavioral problems and self-esteem in female adolescents with single-parent and two parent status. The results indicated that female adolescents with single parent condition obtained higher scores in social isolation/alienation, failure, dependence/ incompetence, vulnerability to harm or illness, subjugation and self-sacrifice schemas compared to female adolescents from two parent families. The results are in line with the findings of Khodabakhshy Kolaei et al. (2015). According to Young et al. (2003), early maladaptive schemas are formed as a result of interaction between children's emotional mood and terrible events in childhood or adolescence. One of the toughest life events for children was separation or divorce of parents, as well as the death of father or mother (Neuman and Romanowski, 1999). Therefore, obviously, schemas of single-parent female adolescents were more maladaptive than those of two parent female adolescents.

According to the findings, single parent adolescents obtained higher scores in scales of anxious/depressed, withdrawn/depressed, social problems, attention problems, and aggressive behavior compared with two parent ones. These results were consistent with the findings of Kerami, Bolhari, & Asgharnejad, (2007), Ryan, Claessens & Markowitz, (2015). Maginnis, (1997) and Liu, X. Guo, Ch. Okawa, Zhai, Uchiyama, Neiderhiser & Kurita, (2000). These results were in contrast with the findings of researchers such as Hakim Shooshtray, Panaghy & Hajebi (2008). In Coleman's theory (1980), each of youth issues in a particular chronological age reaches its maximum or peak tension in a particular chronological. This age varies according to different people and different issues of adolescence. Adolescents have difficulties when they are at the age of peak tension. In a situation like this, more behavioral problems arise in adolescents. The cooccurrence of these tensions with problems and tensions associated with single parent status causes more behavior problems in adolescents from single parent families than in adolescents from two parent families.

The results indicated that female adolescents from single parent families had lower social self-esteem compared to female adolescents from two-parent families. The results are consistent with the findings of Atindanbila & Winifred (2012), Kevorkian (2010), Glennon (2002), Wineburgh (2000), Mandara & Murray (2000), and these results were in contrast with the findings of researchers such as Kinga, Kimani and Muriithi (2014). According to Coopersmith(1968), childhood events affect a person's self-esteem. According to Bean, ??lark, Clemes (1929), solidarity is one of the four conditions of self-esteem. The feeling of solidarity occurs when the adolescent is satisfied with the links that are important to him and approved by others. So it is not surprising that a female who experiences a parent's absence has lower self-esteem.

The limitations of this study should be taken into accounts the researcher was unable to identify all adolescents with single parent status in Bonab city, and also the population of adolescents was limited only to Bonab city. According to the findings, it is suggested that single-parent families should be provided with counseling services. In addition, education should take action to identify single parent students and provide this vulnerable group with consulting and training service. Moreover, cultural and educational centers should hold training session for head parent of household to train them to deal with single parent adolescents. Future studies can use single parent adolescents who are not enrolled as students as their subjects. In future research, these variables can be examined on children and the young from single parent families.

(which includes subjugation, self-sacrifice schema); over vigilance and inhibition (which includes emotional inhibition, unrelenting standards/hyper criticalness schemas). Each question is graded on a scale of 6 degrees (1= completely false, 2= false, 3= more true than false, 4= somewhat true, 5= true, 6= completely true). Various studies have supported YSQ-SF's validity and reliability in Iranian samples (Ahi, Mohammadi Far & Besharat, 2007).

In the current study, Cronbach's alpha for each

schema was obtained. It was 0.72 for emotional deprivation, 0.82 for abandonment/instability, 0.71 for mistrust/abuse, 0.76 for social isolation/ alienation, 0.76 for defectiveness/shame, 0.78 for failure to achieve, 0.77 for dependence/ incompetence, 0.69 for vulnerability to harm of illness, 0.49 for enmeshment/undeveloped self, 0.69 for subjugation, 0.69 for self-sacrifice, 0.71 for emotional inhibition, 0.67 for unrelenting standards, 0.75 for entitlement/grandiosity, and 0.70 for insufficient self-control.

Eysenck personality questionnaire (J-EPQ) and Rutter behavior problems scale was satisfactory. The validity of the YSR was obtained for the boys and girls using Cronbach's alpha (0.89 and 0.94) and using the split -half method (0.84 and 0.87). The subscales of anxious/depressed, withdrawn/ depressed, somatic complaints, social problems, thought problems, attention problems, rule-breaking behavior, aggressive behavior, and general problems had Cronbach's alpha reliability coefficient of 0.83, 0.85, 0.78, 0.79, 0.66, 0.78, 0.64, 0.87 and

0.79, respectively, and split-half reliability coefficients of 0.77, 0.71, 0.68, 0.86, 0.67, 0.87, 0.69, 0.86 and 0.83, respectively

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schemas in five domains, including disconnection/ rejection (which includes abandonment/instability, mistrust/abuse, emotional Deprivation, Defectiveness/Shame, Social Isolation/Alienation schemas);

*[Note: impaired autonomy and performance (which includes dependence/incompetence, vulnerability to harm or illness, enmeshment/undeveloped self, failure schemas); 5. Impaired limits (which includes entitlement/grandiosity, insufficient self-control and/ or self-discipline schemas); other-directedness ii. Cooper Smith Self Esteem Inventory (CSE): The scale has 58 items. 50 items of this scale are related to four sub-scales (public, family, education and social self-esteem) and 8 items are related to the question of lie detector. Self-esteem of participants is determined*

1

	Single-parent female adolescent		two-parent female adolescent	
	mean	std. de- viation	mean	std. de- viation
age	16.35	0.98	16.31	0.91
emotional deprivation	12.55	6.30	13.41	5.95
abandonment/instability	15.03	7.77	15.51	7.12
mistrust/abuse	12.68	5.95	11.17	4.68
social isolation/alienation	12.33	6.12	9.56	4.40
defectiveness/shame	10.13	5.04	9.52	4.94
failure to achieve	10.59	5.20	8.61	3.76
dependence/incompetence	10.86	4.94	8.48	3.42
vulnerability to harm of illness	11.65	5.64	9.60	4.17
enmeshment/undeveloped self	12.14	5.34	10.49	3.81
subjugation	13.41	6.40	10.80	3.80
self-sacrifice	18.22	5.80	16.09	3.66
emotional inhibition	13.93	7.59	12.38	5.22

Figure 2: Table 1 :

2

effect	Value	F	Hypothesis df	Error df	sig
Pillai's Trace	0.29	2. 39 ??	15.00	88.00	0.006
Willis' Lambda	0.71	2. 39 ??	15.00	88.00	0.006
Hoteling's Trace	0.40	2. 39 ??	15.00	88.00	0.006
Roy's Largest Root	0.40	2. 39 ??	15.00	88.00	0.006

Figure 3: Table 2 :

3

	Sum of squares
emotional deprivation	19.12
abandonment/instability	5.95
mistrust/abuse	59.36
social isolation/alienation	200.32
defectiveness/shame	9.76
failure to achieve	101.85
dependence/incompetence	146.83
vulnerability to harm of illness	109.12
enmeshment/undeveloped self	70.94
subjugation	176.68
self-sacrifice	118.20
emotional inhibition	62.65
unrelenting standards hypocriticalness	34.75
entitlement/grandiosity	19.63
insufficient self-control self-discipline	23.96

The results (Table 3) showed that schemas of social isolation/alienation ( $F= 7.03$ ,  $DF= 1$ ,  $102$ ,  $P= 0.009$ ), failure ( $F= 4.93$ ,  $DF= 1$ ,  $102$ ;  $P= 0.029$ ), dependence ( $F= 4.43$ ,  $DF= 1$ ,  $102$ ;  $P= 0.005$ ), vulnerability to harm or illness ( $F= 4.43$ ,  $DF= 1$ ,  $102$ ;  $P= 0.005$ ),

Figure 4: Table 3 :

4

effect	Value	F	Hypothesis df	sig
Pillai's Trace	0.12	0.69 ??	9.00	0.048
Willis' Lambda	0.87	0.69 ??	9.00	0.048
Hotelling's Trace	0.14	0.69 ??	9.00	0.048
Roy's Largest Root	0.14	0.69 ??	9.00	0.048

Figure 5: Table 4 :

5

	Sum squares	of Df	Mean square	F	sig
Anxious/depressed	180.66	1	180.66	8.30	0.005
Withdrawn/depressed	59.11	1	59.11	5.59	0.020
Somatic complaints	6.29	1	6.29	0.35	0.554
Social problems	65.12	1	65.12	6.66	0.011
Thought problems	19.83	1	19.83	1.26	0.262
Attention problems	52.11	1	52.11	5.96	0.016
Rule-breaking behavior	21.94	1	21.94	2.62	0.108
Aggressive behavior	85.47	1	85.47	4.26	0.041
Other problems	0.004	1	0.004	0.00	0.988

Figure 6: Table 5 :

6

		Levene's test for equality of variances		t-test for equality of means		
		F	sig	T	df	sig
Self-esteem	Equal variances assumed	0.03	0.84	-1.10	102	0.270
	Equal variances not assumed			-1.10	101.94	0.270

Figure 7: Table 6 :

7

effect	Value	F	Hypothesis df	Error df	sig
Pillai's Trace	0.11	3. 25 ??	4.00	99.00	0.015
Willis' Lambda	0.88	3. 25 ??	4.00	99.00	0.015
Hoteling's Trace	0.13	3. 25 ??	4.00	99.00	0.015
Roy's Largest Root	0.13	3. 25 ??	4.00	99.00	0.015

Figure 8: Table 7 :

8

	Sum of squares	Df	Mean square	F	sig
public self-esteem	0.089	1	0.089	0.020	0.888
family self-esteem	0.009	1	0.009	0.005	0.943
social self-esteem	10.293	1	10.293	12.83	0.001
education self-esteem	0.104	1	0.104	0.085	0.772

Figure 9: Table 8 :



- [ Nakuru Municipality, Kenya. Reserch on humanities and social sciences] , *Nakuru Municipality, Kenya. Re-  
serch on humanities and social sciences* 4 (1) p. .
- [Kinga et al. ()] *A comparative study of levels of self-esteem among*, T Kinga , J Kimani , W Muriithi . 2014.
- [Ball and Cecero ()] 'Addicted patients with personality disorders: Traits, schemas, and presenting problems'. S  
A Ball , J J Cecero . *Journal of personality disorders* 2001. 15 (1) p. .
- [Srivastava ()] *applied and community psychology. Trends and directions*, S Srivastava , K . 2005. SARUP &  
SONS.
- [Ryan et al. ()] 'association between family structur change and child behavior problem: the moderating effect  
of family income'. R Ryan , M Claessens , A Markowitz , A , J . *Child development* 2015. 86 (1) p. .
- [Liu et al. ()] 'Behavioral and emotional problems in Chinese children of divorced parents'. X Liu , Ch Guo , M  
Okawa , J Zhai , Y Li , M Uchiyama , J Neiderhiser , H Kurita . *Journal of the American academy of child  
& adolescent psychiatry* 2000. (7) p. .
- [38. Seifollah poor-bonab, M. Keshavarzy-arshady, F. ()] 'Behavioral disorder in adolescent girls with single  
parent'. *Journal of applied environment and biological sciences* 38. Seifollah poor-bonab, M. & Keshavarzy-  
arshady, F. (ed.) 2015. 5 (11) p. .
- [Slobodskay ()] 'Behavioral problems, effects of parenting and family structure on'. H Slobodskay , R .  
*International encyclopedia of the social behavioral sciences*, 2015. p. . (second edition)
- [Cooper ()] 'Cognitive theory in Anorexia Nervosa and Bulimia Nervosa: A Review'. M Cooper . *Behavioral and  
Cognitive Psychotherapy* 1997. 25 (2) p. .
- [Young ()] *Cognitive therapy for personality disorders: A schema-focused approach*, J E Young . 1999. (3th  
Professional resource press)
- [Jalili et al. ()] 'Comparison of Early maladaptive schemas and parenting origins in patients with opioid abuse  
and non-abusers'. M Jalili , M Zargar , M Salavati , A Kakavand . *Iran Journal of psychiatry* 2011. 6 (2) p. .
- [Usakli ()] 'Comparison of Single and Two Parents Children in terms of Behavioral Tendencies'. Hakan Usakli .  
*International Journal of Humanities and Social Science* 2013. 3 (8) p. .
- [Sok ()] 'Comparison of the factors influencing children's self-esteem between two parent families and single  
parent families'. Sok . *Journal Korean acad nurse* 2010. 40 (3) p. .
- [Demehri et al. ()] 'Correlation between the early maladaptive schemas, self-efficacy and behavioral problems in  
deaf adolescents Yazd'. F Demehri , G Movallai , V Ahmadi . *Journal of Ilam University of Medical Sciences*  
2015. 23 (4) p. . (In Persian)
- [Ghmkhar Fard et al. ()] 'Early maladaptive schemas as predictor of child anxiety: the role of child and mother  
schemas'. Z Ghmkhar Fard , S Schneider , J Hudson , M Habibi , M Poorvari , A Heidari , B Heidari .  
*Behavioral Research Center of SBMU* 2016. 1 (2) p. .
- [Renner et al. ()] 'Early maladaptive schemas in depressed patients: Stability and relation with depressive  
symptoms over the course of treatment'. F Renner , J Lobbestael , F Peeters , A Arntz , M Huibers .  
*Journal of Affective Disorders* 2012. 136 (3) p. .
- [Mojallal et al. ()] 'Early maladaptive schemas, body image, and self-esteem in iranian patients undergone  
cosmetic surgery compared with normal individuals'. M Mojallal , M Khosrojauid , F Pakzad , M Ghanbari  
. *Practice in clinical psychology* 2014. 2 (3) p. .
- [Shek ()] 'Economic stress, emotional quality of life, and problem behavior in chinese adolescents with and  
without economic disadvantage'. Daniel Shek . *Social indicator research* 2005. 71 (1) p. .
- [Kerami et al. ()] *Effect of father loos on behavioral disorders in primary school children. Iranian jurnal of  
psychiatry and clinical psychology*, K Kerami , J Bolhari , A Asgharnejad . 2007. 12.
- [Singh and Kiran ()] 'Effect of single parent family on child delinquency'. Singh , U K Kiran . *International  
journal of science and research* 2012. 3 (9) p. .
- [Mandara and Murray ()] 'Effects of parental marital status, income, and family functioning on African American  
adolescent self-esteem'. J Mandara , C Murray . *Journal of family psychology* 2000. 14 (3) p. .
- [Park ()] *Effects of single parenthood on educational aspiration and student disengagement inKorea.Demographic  
research*, H Park . 2008. 18 p. .
- [Shooshtray et al. ()] 'Emotional and behavioral problems of single parent vs. two parent children: Imam  
Khomeini Charity'. Hakim Shooshtray , M Panaghy , L Hajebi , A , Abedi Sh . *Tehran Unis Med Journal*  
2008. 66 (3) p. . (In Persian)
- [Kiran ()] 'Emotional intelligence and selfesteem among young adults from single parent family and both parent  
family'. S Kiran . *Indian Journal of positive psychology* 2003. 4 (1) p. .
- [Kevorkian ()] *Father absence and selfesteem amongst economically disadvantaged children. Social work theses*,  
C Kevorkian . 2010. (Paper 55)

- [Greenberg ()] J S Greenberg . *Comprehensive stress management*, (New York) 2002. McGraw-Hill Companies.  
(th Ed)
- [Minaei ()] *Guidance booklet of school age forms. Evaluation system based on experience of Achenbach (ASEBA)*,  
A Minaei . 2005. (Adaption and exceptional children)
- [Neuman and Romanowsky ()] *Helping your kids cope with the sandcastles way*, Neuman , Romanowsky . 1999.
- [Clark and Clemes ()] *How to raise a teenager's self-esteem. ENRICH. The whole child stories*, A Clark , H  
Clemes . 1983.
- [Burt and Paysnick ()] 'Identity, stress, and behavioral and emotional problems in undergraduates: evidence  
for interaction effects'. K Burt , B Paysnick , A . *Journal of college student development* 2014. 55 (4) p. .
- [Scharte and Bolte ()] 'increased health risks of children with single mother: the Impact of socioeconomic and  
environmental factors'. M Scharte , G Bolte . *Eur Journal Public health* 2013. 23 (3) p. .
- [Achenbach and Rescorla ()] *Manual for the ASHBA school-age forms & profile: Burlington*, Tomas Achenbach  
, M Rescorla , Leslie . 2001. Youth, & Families. VT: University of Vermont, research center of Children
- [Zafiropoulau et al. ()] 'Parental bonding and early maladaptive schimas'. M Zafiropoulau , P A Avagianou , S  
Vassiliadou . *Journal psychol Abnrom Child* 2014. 3 p. 110.
- [Larson and Halfon ()] 'Parental divorce and adult longevity'. K Larson , N Halfon . *International journal of  
public health* 2013. 58 (1) p. .
- [Strohschein ()] 'Parental divorce and child mental health: Understanding predisruption effects'. L Strohschein .  
*Journal of Divorce & Remarriage* 2012. 53 (6) p. .
- [Luecken and Roubinov ()] 'Pathways to lifespan health following childhood parental death'. L J Luecken , D S  
Roubinov . *Soc personalpsychology compass* 2012. 6 (3) p. .
- [Khodabakhshi-Koolae et al. ()] 'Perceived Social Support from Family and Friends and Early Maladaptive  
Schemas among Female and Male Delinquent and Non-delinquent Adolescents'. A Khodabakhshi-Koolae , F  
Alizadeh , L Mansoor , T Pour-Ebrahim , M R Falsafinejad . *Community Health* 2015. 1 (2) p. .
- [Hotherington et al. ()] 'Play and social interaction in children following divorce'. E Hotherington , M Cox , M  
Cox , R . *Jornal ofsocial issues* 2010. 35 (4) p. .
- [Nunes-Costa et al. ()] 'Psychosocial adjustment and physical health in children of divorce'. R Nunes-Costa , A  
Lamela , D J Figueiredo , B , F . *Jornal de pediatria* 2009. 85 (5) .
- [Young et al. ()] *Schema therapy: a practitioner's guild*, J E Young , J S Kloska , M E Weishaar . 2003. New  
York: Guilford press.
- [Maginnis ()] *Single-parent families cause juvenile crime. Juvenile crime*, R Maginnis , L . 1997. p. .
- [Lange et al. ()] 'Single-parent family forms and children's educational performance in a comparative perspective:  
effects of schools share of singleparent families, school effectiveness and school improvement'. M Lange , J  
Dronkers , M Wolbers . *An International Journal of Research, Policy and Practice* 2014. 25 (3) p. .
- [Falana et al. ()] 'Single-parent family structure, psychological, social and cognitive development of children in  
Ekiti State'. B Falana , A Olatunji Bada , F Ayodele , C , J . *Journal of educational and developmental  
psychology* 2012. 2 (2) .
- [Coopersmith ()] *The antecedents of selfesteem (A series of books in behavioral science)*, S Coopersmith . 1968.
- [Atindanbila and Winifred ()] 'The effect of parenting on the self-esteem of adolescent: A study at LabadiePres-  
byterian secondary school (Ghana)'. S Atindanbila , A Winifred . *Research on Humanities and Social Sciences*  
2012. 2 (11) p. .
- [Fagan and Churchill ()] *The effects of divorce on children. Marriage & Religion Research Institute*, P Fagan ,  
A Churchill . 202. 393. 2100. 2012. Washington.
- [Shenoy et al. ()] 'The mental health status of single-parent community college students in California'. D Shenoy  
, P Lee , C Trieu , S , L . *Journal of American college health* 2016. 64 (2) .
- [Colman ()] *The nature or adolescence*, J Colman , C . 1980. London, n. y. Methuen.
- [Gobari-Bonab et al. ()] 'The prevalence of behavioral problems in primary school children in Tehran'. B Gobari-  
Bonab , A Parand , A Firoozjah , G Movaleli , S H Nemati . *Research on exceptional children* 2008. 8 (3) .  
(Persian)
- [Shahamat ()] 'The study of public health symptoms (somatization, anxiety & depression) according to early  
maladaptive schimas'. N Shahamat . *Journal of Psychology and Educational Sciences* 2011. 36 (4) p. .
- [Glennon ()] 'The tragedy of the absent father'. W Glennon . *Daugjter* 2002. 7 (1) p. .
- [Wineburgh ()] 'Treatment of children with absent father'. A Wineburgh . *Child & Adolescent Social Work  
Journal* 2000. 17 (4) p. .
- [US] Guidelines Handbook Global Journals Inc ()] 'US) Guidelines Handbook'. [www.GlobalJournals.org](http://www.GlobalJournals.org)  
*Global Journals Inc* 2017.
- [Ahi et al. ()] 'Validity and reliability of the short form of Young Schema Questionnaire'. Ahi , Gh , M A  
Mohammadi Far , M A Besharat . *Psychology & Educational Science* 2007. 36 (3) p. . (In Persian)