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A correlative study between Parenting Style Dimension Questionnaire and Newly constructed Parenting Style Four Factor Questionnaire

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Abstract

The investigator has constructed a scale to measure the style of parenting on adolescents, in particular, three age groups adolescents. By administering it educators may obtain an idea about the parenting styles of parents on their adolescents... In this study parenting styles are classified in to four categories like Authoritarian or Power asserting disciplinarians, Authoritative or Warm giving protectors, Permissive or Lenient freedom givers, Uninvolved or Selfish autonomy givers. Parenting Style four factor questionnaire (PSFFQ) is mainly constructed as a tool for measuring parenting Styles of adolescent's parents.

Keywords: Authoritarian, Power asserting, disciplinarians, Authoritative, Warm giving, protectors, Permissive, Lenient, freedom givers, Uninvolved, Selfish, autonomy givers.

1.Introduction

Parents have huge impact on a person's life. Number of studies in the area of parenting matches its importance on the developing person. Parenting process combines all the activities of the parents that intended to support their children's wellbeing. One of the most studied approaches to understanding parental influences on human development is concept of parenting style (Baumrind, 1967). Baumrind proposed parenting styles as correlates to socialization of the children. Then many researches recognized the importance of researching role of parenting style in child development (Kordi, 2010; Schaffer, Clark & Jeglic, 2009; Kaufmann, et al, 2000; Lim & Lim, 2003). Many of the studies followed three parenting styles originally proposed by Baumrind namely authoritative parenting, authoritarian parenting and permissive parenting, though in 1971, Baumrind added negligent parenting. Baumrind grouped parents to three (or four) parenting styles according to their child rearing patterns, on the basis of her interviews with parents and children. For grouping parents to different styles, Maccoby and Martin suggested a conceptual structure in 1983; they viewed parenting style as combinations of differing levels of parental demandingness and warmth.

2.Review of literature

In 1991, Buri developed parental authority questionnaire (PAQ) to assess Baumrind's (1966) permissive, authoritarian, and authoritative parenting styles consisting of 30 Likert type items. Beyers and Goossens, in 1999 developed another instrument based on work by Steinberg and colleagues, which has shown good external validity, internal consistency, and test-retest reliability (Lamborn, Mounts, Steinberg, & Dornbusch, 1991). This five point Likert type instrument assesses two dimensions of parenting styles, namely support (alpha coefficient 0.77) and strict control (alpha coefficient 0.74). It is collecting data from parents. Based on median splits, parents were classified as authoritative, authoritarian, indulgent, or uninvolved. Lefebvre (2004) developed "Parental style inventory II (PSI II)" for parents to identify their parenting style. This five point Likert type scale has three dimensions, autonomy granting, demandingness and responsiveness; twelve items in each dimensions. The tool has adequate internal consistency, variability and predictive validity. Also the author claims that this instrument is assessing parenting style independent of parenting practices. Gracia, Garcia and Lila, in 2008, developed a parenting style index to assign the parents to four categories based on their parenting style, namely, authoritative, authoritarian, neglectful and indulgent (Gracia, Garcia & Lila, 2008). This measures parental warmth and control, as perceived by the adolescents, with alpha coefficients 0.9 and 0.81 respectively. The tool is developed for Spanish speaking people. Parenting style instruments until this time were developed in other cultures; some consider only three parenting style and some are meant for parents, than children. So, the authors sense the need for a scale of parenting scale in the eastern parenting practices and cultural context. Scale of Parenting Style This scale is used for measuring perceived parenting styles of higher secondary school students. The draft scale has been developed on the basis of theories of Baumrind (1971), and dimensions of parenting style proposed by Maccoby and Martin (1983). Parenting styles have been widely studied in recent research and have been related to many parent characteristics and child outcomes. The Parenting Styles and Dimensions Questionnaire (PSDQ; Robinson, Mandelco, Olsen, & Hart, 2001) is one measure that is widely utilized in current research to examine parenting styles Although the PSDQ is comprised of authoritative, authoritarian, and permissive subscales, it does not measure the uninvolved parenting style. Additionally, this measure provides continuous variable-centered scores rather than categorizing parenting style typologies. A reconceptualization of the PSDQ may allow researchers to improve and expand on the measurement of parenting styles and identify new ways in which parenting styles relate to parents and families. The aim of the current study is to construct a new measure for identifying adolescent's parents four parenting styles like Authoritarian or Power asserting disciplinarians, Authoritative or Warm giving protectors, Permissive or Lenient freedom givers, Uninvolved or Selfish autonomy givers. Parenting Style four factor questionnaire (PSFFQ) is mainly constructed as a tool for measuring parenting Styles of adolescent's parents.

3.Research Hypothesis

1. There will be consistent parenting styles across ages as reported by parent subjects of adolescents with age group twelve, fifteen & eighteen.
2. There will be relatively high positive correlation between authoritarian, authoritative and permissive parenting styles of PS-FFQ and PSDQ
3. The Item analysis of Reliability Coefficient will be greater than .70 for the PS-FFQ

4.Scoring

The pupil required to respond on the five point scale as all of the time, most of the time, some time, rarely and never. The score was five to one. There are no negative items. Scores for each parent were taken separately and sum of scores of each parents were taken for overall score of an item. Thus the instrument yields four separate scores for each participant, namely Authoritarian or Power asserting disciplinarians,

Authoritative or Warm giving protectors, Permissive or Lenient freedom givers, Uninvolved or Selfish autonomy givers.

5.Item analysis

Item analysis was done using the method suggested by Edwards (1969). 64 answer sheets were selected randomly and they were arranged in the descending order of scores so as to select the top and bottom subjects (27 percent of sample). Item analysis was done by finding out the ‘t’ value of each item. On the basis of these scores, found out parenting style of each parent. Those items having t value exceeding 2.58 were selected for the final scale. The final scale consists of 32 items.

6.Results

Those items having t value exceeding 2.58 were selected for the final scale. The ‘t’ value of each item are given in the table. All items have high validity. so we can include all items of the questionnaire. The reliability also is find as very high. All three variables of PSFFQ except uninvolved one shows high correlation with PSDQ.

7.Conclusion

The present research was conducted to develop and validate an instrument to measure parenting style of adolescent's parents. The result of item analysis, validity and reliability indicates that the present instrument is capable to measure parenting style of adolescent's parents. With the help of this instrument, found that authoritarian parents are more power asserting disciplinarians, authoritative parents are more warm giving protectors, permissive parents are more lenient freedom givers and uninvolved parents are more selfish autonomy givers. These findings are consistent with the construct of three parenting style proposed by Robinson et al. In PSDQ. But here in this tool there is one more parenting style - uninvolved or selfish autonomy givers. So the findings furnished above are providing further evidences for the validity of this scale. This tool PSFFQ is specially constructed to measure adolescent's parents parenting styles and is proved as a good tool for this purpose with high reliability and validity. PSFFQ shows high correlation with PSDQ sub types.

RESULTS

TABLE 6.1
Reliability of PSFFQ AND PSDQ

<i>Reliability-</i>	<i>Cronbach's Alpha</i>	<i>N of Items</i>
PS FFQ	0.919	32
PSDQ	0.920	32

Internal consistency is estimated by using Cronbach’s alpha. An alpha value of 0.70 or above is considered to be criterion for demonstrating strong internal consistency, alpha value of 0.60 or above is considered to be significant. Here reliability is.92 for the PSFFQ as well as PSDQ. So we can say this newly constructed PSFFQ has very strong internal consistency.

TABLE 6. 2
Means, Standard Deviation, F value and P value of different age groups

<i>PSDQ</i>	<i>Age</i>	<i>N</i>	<i>Mean</i>	<i>Standard Deviation</i>	<i>F</i>	<i>p value</i>

AUTHORITARIAN	12 years	22	27.95	19.37		
	15 years	22	23.68	20.54	0.408	0.667
	18 years	20	22.85	19.63		
AUHORITATIVE	12 years	22	14.86	8.35		
	15 years	22	13.82	8.57	0.115	0.891
	18 years	20	14.85	7.69		

PERMISSIVE	12 years	22	15.36	12.82		
	15 years	22	12.09	12.54	0.423	0.657
	18 years	20	12.60	12.59		

TABLE 6.3
Table-3

<i>PSFFQ</i>	<i>Age</i>	<i>N</i>	<i>Mean</i>	<i>Standard Deviation</i>	<i>F</i>	<i>p value</i>
AUTHORIARIAN	12 years	22	6.41	5.17		
	15 years	22	6.18	4.86	0.085	0.918
	18 years	20	6.80	4.58		
AUTHORITATIVE	12 years	22	8.18	6.96		
	15 years	22	8.00	7.24	0.034	0.967
	18 years	20	8.55	6.64		
PERMISSIVE	12 years	22	15.36	12.82		
	15 years	22	12.09	12.54	0.423	0.657
	18 years	20	12.60	12.59		

UNINVOLVED	12 years	22	27.95	19.37		
	15 years	22	23.68	20.54	0.408	0.667
	18 years	20	22.85	19.63		

A one sample analysis of variance is used to test hypotheses about means when there are three or more groups of one independent variable. In this case, age group was considered to be the independent variable, which included three age groups as (a) 12 years; (b) 15 years; and (c) 18 year. So ANOVA was used to compare the mean intention scores of different age groups. The results of the ANOVA test depicted in Table 6.2& Table 6.3 reveals that statistical value is greater than 0.05 for all the variables. So we conclude that the mean score of different variables does not differs with age.

TABLE 6.4
CORRELATION TOTAL BETWEEN TWO RATING SCALES AS TOTAL, AGE AND SUBTYPE

Correlation Total	Correlation	Lower bound	Upper bound	Z	p
PSDQ-PSFFQ	0.916	0.909	0.923	25.659	<0.001
Age- 12	Correlation	Lower bound	Upper bound	Z	p
PSDQ-PSFFQ	0.920	0.909	0.931	15.333	<0.001
Age- 15	Correlation	Lower bound	Upper bound	Z	p
PSDQ-PSFFQ	0.892	0.873	0.911	11.499	<0.001
AGE-18	Correlation	Lower bound	Upper bound	Z	p
PSDQ-PSFFQ	0.913	0.918	0.918	22.715	<0.001
Total data	Correlation coefficient	Lower bound	Upper bound	Z	p
Authoritarian PSDQ and PSFFQ	0.817*	0.795	0.839	13.095	<0.001
Authoritative PSDQ and PSFFQ	0.818*	0.796	0.840	13.153	<0.001
permissive PSDQ and PSFFQ	0.817*	0.795	0.839	13.095	<0.001

Correlation was seen as appropriate to analyze the relationship between the two variables which were interval-scaled and ratio-scaled. Furthermore, correlation coefficients reveal magnitude and direction of relationships which are suitable for hypothesis testing. Pearson Correlation is used to identify the relationship between old and new questionnaires and the result is exhibited in. A positive correlation exist for the variables for new and old scales as in these case the correlation coefficient has value greater than 0.5 and p value less than 0.05. So we can conclude that correlation is significant.

TABLE 6.5
MEAN VALUE, STANDARD DEVIATION AND P VALUE OF EACH PSFFQ ITEMS

<i>Variables</i>	<i>Group</i>	<i>N</i>	<i>Mean</i>	<i>Std. Deviation</i>	<i>z</i>	<i>p value</i>
PS1	Low	16	1.00	0.00	-13.175	<0.001
	High	16	4.38	1.02		
PS2	Low	16	1.00	0.00	-13.000	<0.001
	High	16	4.25	1.00		
PS3	Low	16	1.00	0.00		
	High	16	5.00	0.00		

PS4	Low	16	1.00	0.00	-9.638	<0.001
	High	16	3.81	1.17		
PS5	Low	16	1.00	0.00	-13.760	<0.001
	High	16	3.94	0.85		
PS6	Low	16	1.00	0.00	-7.720	<0.001
	High	16	3.63	1.36		
PS7	Low	16	1.00	0.00	-26.837	<0.001
	High	16	4.44	0.51		
PS8	Low	16	1.00	0.00	-8.485	<0.001
	High	16	4.00	1.41		
PS9	Low	16	1.00	0.00	-30.812	<0.001
	High	16	4.69	0.48		
PS10	Low	16	1.00	0.00	-8.062	<0.001
	High	16	3.44	1.21		
PS11	Low	16	1.00	0.00		
	High	16	5.00	0.00		
PS12	Low	16	1.00	0.00	-7.674	<0.001
	High	16	3.69	1.40		
PS13	Low	16	1.00	0.00	-30.812	<0.001
	High	16	4.69	0.48		
PS14	Low	16	1.00	0.00	-7.674	<0.001
	High	16	3.69	1.40		
PS15	Low	16	1.00	0.00	-37.831	<0.001
	High	16	4.81	0.40		
PS16	Low	16	1.00	0.00	-9.502	<0.001
	High	16	3.94	1.24		
PS17	Low	16	1.00	0.00	-63.000	<0.001
	High	16	4.94	0.25		
PS18	Low	16	1.00	0.00	-7.720	<0.001
	High	16	3.63	1.36		
PS19	Low	16	1.00	0.00	-33.541	<0.001
	High	16	4.75	0.45		
PS20	Low	16	1.00	0.00	-8.474	<0.001
	High	16	3.81	1.33		

PS21	Low	16	1.00	0.00	-27.111	<0.001
	High	16	4.50	0.52		
PS22	Low	16	1.00	0.00	-10.902	<0.001
	High	16	4.06	1.12		
PS23	Low	16	1.00	0.00	-30.812	<0.001
	High	16	4.69	0.48		
PS24	Low	16	1.00	0.00	-9.501	<0.001
	High	16	4.06	1.29		
PS25	Low	16	1.00	0.00	-33.541	<0.001
	High	16	4.75	0.45		
PS26	Low	16	1.00	0.00	-11.223	<0.001
	High	16	3.88	1.02		
PS27	Low	16	1.00	0.00	-27.813	<0.001
	High	16	4.56	0.51		
PS28	Low	16	1.00	0.00	-6.468	<0.001
	High	16	3.69	1.66		
PS29	Low	16	1.00	0.00	-33.541	<0.001
	High	16	4.75	0.45		
PS30	Low	16	1.00	0.00	-10.987	<0.001
	High	16	4.25	1.18		
PS31	Low	16	1.00	0.00	-30.812	<0.001
	High	16	4.69	0.48		
PS32	Low	16	1.00	0.00	-9.690	<0.001
	High	16	4.25	1.34		

Here the p value less than 0.05. So we can conclude that correlation is significant. All items have very high item consistency, Item discriminative power & Validity so we can include all items without any change in this Questionnaire.

References

- Abikoff, H., & Gittelman, R. (1985a). Hyperactive children treated with stimulants: Is cognitive training a useful adjunct? *Archives of General Psychiatry*, 42, 953-961.
- Abikoff, H., & Gittelman, R. (1985b). The normalizing effects of methylphenidate on the classroom behaviour of ADHD children. *Journal of Abnormal Child Psychology*, 13, 33-44.
- Abikoff, H., & Gittleman, R. (1984). Does behavior therapy normalize the classroom behavior of hyperactive children? *Archives of General Psychiatry*, 41, 449-454.
- Achenbach, T. M., Howell, C. T., Quay, H. C., & Conners, C. K. (1991). National survey of problems and competencies among four- to sixteen-year-olds: Parents' reports for normative and clinical samples. *Monographs of the Society for Research in Child Development*, 56 (3), 1-131.

- Adams, G., Ryan, B., Ketschis, M., & Keating, L. (2000). Rule compliance and peer sociability: A study of family process, school-focused parent-child interactions, and children's classroom behavior. *Journal of Family Psychology*, 14, 237-250. doi:10.1037/0893-3200.14.2.237
- Alizadeh, H., & Andries, C. (2002). Interaction of parenting styles and attention deficit hyperactivity disorder in Iranian parents. *Child & Family Behavior Therapy*, 24, 37-52. doi:10.1300/J019v24n03_03
- Amato, P.R.; Sobolewski, J.M. The effects of divorce on fathers and children: Nonresidential fathers and stepfathers. In *The Role of the Father in Child Development*, 4th ed.; Lamb, M.E., Ed.; Wiley: Hoboken, NJ, USA, 2004; pp. 341–367.
- Anderson, J. C., & Gerbing, D. W. (1984). The effect of sampling error on convergence, improper solutions, and goodness-of-fit indices for maximum likelihood confirmatory factor analysis. *Psychometrika*, 49, 155-173.
- Araujo, P., Lagos, S. (2013). Self-Esteem, education, and wages revisited. *Journal of Economic Psychology*, 34, 120–132.
- Ashton, M.C, Paunonen, S.V & Helmes, E. Altruism, reciprocal altruism, and the Big Five personality factors. *Evolution and Human Behavior*. 1998;19:243–255.
- Attar-Schwartz, S.; Tan, J.; Buchanan, A.; Flouri, E.; Griggs, J. Grandparenting and adolescent adjustment in two-biological, lone-parent, and step-families. *J. Fam. Psychol.* 2009, 28, 67–75.
- Aunola, K., & Nurmi, J. (2005). The role of parenting styles in children's problem behavior. *Child Development*, 76, 1144-1159. doi:10.1111/j.1467- 8624.2005.00841.x
- Awong, T., Grusec, J. E., & Sorenson, A. (2008). Respect-based control and anger as determinants of children's socio-emotional development. *Social Development*, 17(4), 941-59. doi: 10.1111/j.1467-9507.2008.00460.x
- Bandura A. *Social learning theory*. Oxford, England: Prentice-Hall; 1977
- Baumrind D. Current patterns of parental authority. *Developmental Psychology Monographs*. 1971;4(1)
- Baumrind, D. (1968). Authoritarian vs. authoritative parental control. *Adolescence*, 3, 255-272.
- Baumrind, D. (1971). Current patterns of parental authority. *Developmental Psychology Monographs*, 4(No.1, Pt.2)
- Belsky J, Barends N. Personality and parenting. In: Bornstein MH, editor. *Handbook of parenting: Vol. 3: Being and becoming a parent*. 2. Mahwah, NJ, US: Lawrence Erlbaum Associates Publishers; 2002. pp. 415–438.
- Belsky J. The determinants of parenting: A process model. *Child Development*. 1984;55:83–96
- Chao, R.K.; Sue, S. Chinese parental influences and their children's school success: A paradox in the literature on parenting styles. In *Growing up the Chinese Way: Chinese child and adolescent development*; Lau, S., Ed.; Chinese University Press: Hong Kong, China, 1996; pp. 93–120.
- Chen, X., Dong, Q., & Zhou, H. (1997). Authoritative and authoritarian parenting practices and social and school performance in Chinese children. *International Journal of Behavioral Development*, 21, 855–873.
- Chua, A. *Battle Hymn of the Tiger Mother*; Penguin: New York, NY, USA, 2011. Chassin L, Presson CC, Rose J, Sherman SJ, Davis MJ, Gonzalez JL. Parenting Style and Smoking-Specific Parenting Practices as Predictors of Adolescent Smoking Onset. *J Pediatr Psychol*. 2005; 30(4):334-44.
- Crane, J. (1996). Effects of home environment, SES, and maternal test scores on mathematics achievement. *Journal of Educational Research*, 89, 305–314. Coll, C.G.; Pachter, L.M. Ethnic and minority parenting. In *Handbook of Parenting*; Bornstein, M.H., Ed.; Erlbaum: Mahwah, NJ, USA, 2002; Volume 4, pp. 1–20.
- Ibriht, M.B.; Tamis-LeMonda, C.S. Maternal depressive symptoms in relation to dimensions of parenting in low-income mothers. *Appl. Dev. Sci.* 2002, 6, 24–34.

PS-FFQ
(Parenting Style Four Factor Questionnaire)

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Instructions: Read the following statements carefully and indicate your single response by putting a “tick” mark in the appropriate box.

SI No	Statements	All of the time	Most of the time	Some time	Rarely	Never
1	I want my child to follow my instructions because I am the authority to decide what to do or what not to do.					
2	I would like to be a friend, Philosopher and guide to my child.					
3	I am very soft with my child so that I cannot correct him/her at proper time by punishment.					
4	I do not have any demand or control on my child and I give total freedom.					
5	I have little patience to tolerate any misbehaviour of my child or to listen to the excuses in any kind of mistakes.					
6	I used to understand the feelings of my child in any situation and always try to get the opinion of my child whenever I buy something for him/her.					
7	Whenever the child comes with low marks, I will not give any punishments rather I feel he/she will become better next time.					
8	As I am very sad and depressed I cannot show much care and deep emotional tie up with my child.					
9	I strongly believe that my child’s future is in my hand and so there is a strict time table for my child to follow.					
10	Important decisions of the family are done together and I give full freedom to my child to share everything with me.					
11	I give valuable reward to my child for obeying me or behaving well.					
12	As I am very busy with my household and office duties, I get less time to involve my child’s studies or to listen his/her needs and wishes.					

13	I have clear expectations regarding my child's behaviour and I am not much bothered about the likings of my child regarding his/her future.					
14	As I understand the strength and weakness of my child, I set some appropriate rules for him/her and give friendly corrections whenever necessary.					
15	Though I have definite goal and planning about my child's future I cannot follow it strictly because of my leniency.					
16	I have enough stress and strain myself and hence I cannot take care of my child's welfare.					
17	I usually like to give physical punishment than giving advices to my child because I am sure he/she will not listen to it.					
18	I will not force my child in any of his/her future career and I also help him/her to set a realistic goal.					
19	As I was brought up by strictly disciplined parents, I am very liberal with my child.					
20	I usually give more important to my own likes and wishes but not bother much about needs or misbehaviours of my child.					
21	I believe that only through punishment a child can be corrected and I also do not like to give any financial freedom to my child.					
22	Whenever my child fail to follow the time table given to him/her, I remind the consequences with a touch of love and affection.					
23	I like to be a very affectionate parent towards my child and also I take the responsibility of my faulty parenting on my child.					
24	As I am busy and get little time to care my child, he/she is quite free to move own way to take decisions.					
25	The punishment I give to my child depends upon my mood.					
26	My child talks with me out of being punished after he/she has done something wrong.					
27	I always threaten my child with punishment but do not actually doing it because of my leniency.					
28	As I am bounded with severe life problems, I ignore my child's misbehaviour and I have no idea about his/her life outside the home.					
29	Whenever my child shows disobedience, I scold and criticise him/her with bursting anger.					

30	Even though I am busy I have enough time to visit my child's school & to meet teachers to know his/her progress.				
31	Because of excessive love and sympathy I have showing towards my child, he/she has no self discipline.				
32	I never like to tell my child where I am going or why I am late.				

PS-FFQ (Parenting Style Four Factor Questionnaire)
Answer Sheet

Score	5	4	3	2	1	Score	5	4	3	2	1	Score	5	4	3	2	1	Score	5	4	3	2	1
Q	All of the time	Most of the time	Some time	Rarely	Never	Q	All of the time	Most of the time	Some time	Rarely	Never	Q	All of the time	Most of the time	Some time	Rarely	Never	Q	All of the time	Most of the time	Some time	Rarely	Never
1						2						3						4					
5						6						7						8					
9						10						11						12					
13						14						15						16					
17						18						19						20					
21						22						23						24					
25						26						27						28					
29						30						31						32					

A₁=.....; A₂=.....; P=.....; U=.....

(A₁=Authoritarian, A₂=Authoritative, P=Permissive, U=Uninvolved)

Have you responded to all of the statements Yes/No; Have you entered your responses in the correct boxes Yes/No; Have you responded accurately and honestly Yes/No