A Study on the Relationship among Father's Leisure Involvement, Family Leisure Satisfaction and Family Well-Being

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Abstract: Leisure satisfaction and well-being is one of the goals that people pursue in the family, where father plays a critical role. This paper innovatively studies the father's role from the perspective of leisure, and explore the relationship among father's leisure involvement, family leisure satisfaction and family well-being. The results of the questionnaire survey in Guangzhou showed: (1) The father's leisure involvement frequency belongs to the medium level, and the family leisure activities with high involvement rate are mainly recreational activities. (2) There was a positive correlation between father's leisure involvement, family leisure satisfaction and family well-being, and family leisure satisfaction played a partly medium role. (3) Intergenerational relationships have significant effects on the internal dimensions of family leisure satisfaction.

1. Introduction

In the new era of pursuing a better life, China's national leisure has entered a new stage of development. The family is the core and carrier of leisure activities [1]. How to promote family well-being and achieve good family outcomes through leisure activities is one of the important themes of Western family leisure research [2]. In Chinese families, how should fathers participate in family leisure activities? How does father's involvement affect family well-being? This paper studies the role of fathers from the perspective of leisure, and hopes that this paper can help promote the academic community to pay more attention to the role of fathers in leisure research. At the same time, this article hopes to provide guidance for promoting family leisure and enhancing family well-being.

2. Literature Review

Most of the early family leisure studies focused on couples and simply generalized the results to other family systems. In the family system, couples are not all components. We also need to study more diverse family systems from different perspectives. For example, Zabriskie and McCormick conducted research on American family leisure from three different levels: parents, children, and

families ^[3]. There are few relevant studies in China, and Taiwanese scholars have conducted research on family leisure from the perspective of different family members ^[1,4,5].

Leisure involvement is mainly defined in terms of activity and time ^[6]. Ragheb defines the frequency of an individual's involvement in a leisure activity, or the type of leisure activity in which the individual participates. ^[7] There are abundant foreign studies on "father's involvement". From a family perspective, there is a significant relationship between fathers' involvement in core and balanced family leisure activities and family cohesion, family adaptability, and overall family functioning ^[8]. In the field of leisure, there is a lack of research on fathers ^[9].

Leisure satisfaction refers to the positive state of mind or feeling generated in the process of participating in or selecting leisure activities, and refers to the degree of contentment or satisfaction that an individual feels in his own leisure experience or situation ^[10]. Foreign scholars pay attention to the leisure satisfaction of different families in different situations. Continental scholars started late, mainly focusing on individual leisure satisfaction, and few studies on family background.

Family well-being is the main source of happiness ^[11,12]. Leisure studies have been conducted on individuals, suggesting that leisure time, activities, attitudes, etc. have an important impact on happiness ^[2]. Domestic scholars mainly study family well-being and its influencing factors from the perspectives of demography, sociology, psychology and other perspectives. The results show that the family well-being of Chinese residents is generally at the upper middle level, but there is no consistent conclusion on the influencing factors ^[13,14].

Generally speaking, the family leisure research is very comprehensive and needs to be cross-studied from different perspectives. Most of the researches in China use foreign theoretical framework and research methods for use and reference. At present, there have been no studies on fathers from a leisure perspective, and there is a lack of research. Therefore, it is necessary to draw on research methods and results in other fields of social sciences to conduct research from the perspective of leisure and in the context of Chinese family culture.

3. Study Design

3.1. Theoretical Basis

The Core and Balance Model of Family Leisure Functioning (CMB) points out that there are two models of core and balance in family leisure to meet the needs of stability and change, and ultimately promote the family function and family life satisfaction ^[15]. This model provides an effective and reliable research tool for family leisure research ^[16]. The studies based on the model all confirm that the three of family leisure involvement, family leisure satisfaction and family well-being are positively correlated ^[1,3,17], but there are differences among different countries ^[18].

Based on the theoretical framework, based on the classification of family leisure activities, this paper discusses the relationship among father's leisure involvement, family leisure satisfaction and family well-being.

3.2. Questionnaire Design

The questionnaire is divided into 4 parts. (1) Overview of father's leisure involvement. The Family Leisure Activity Profile (FLAP) [19] was drawn to measure leisure involvement items and frequency.(2) Family Leisure Satisfaction Scale (FLSS), including 6 dimensions of psychology, education, society, relaxation, physiology and aesthetics, and 24 thematic items [1] .(3) Family well-being. Combining one-dimensional measurement and self-reporting scales. The Satisfaction With Family Life Scale (SWLS) was used [3]. (4) Demographic characteristics. The thematic items use a Likert 5-point scale, which is recorded as 5-1 points from "strongly agree" to "strongly

disagree".

3.3. Data Acquisition

Guangzhou is an important central city in China. It has been elected as the happiest city in China for many times. It has strong leisure strength and leisure development ability. Children aged 3 to 12 are generally in kindergarten and primary school stage. In this stage, children have not yet been able to do leisure activities independently. Most leisure activities are carried out in families. Parents living in Guangzhou with at least one child aged 3 to 12 were selected as the subjects. In February 2019, 400 questionnaires were distributed and 382 valid questionnaires were collected, with an effective rate of 95.5%. SPSS23.0 software was used for analysis.

4. Data Analysis and Discussion

4.1. Father's Leisure Involvement

Table 1: Descriptive data for father's leisure involvement (N=382).

Categories	Items	M	SD
	1 Parent-child game	3.60	1.20
	2 Eating	4.09	1.06
Recreation	3 Watching TV	3.64	1.23
(M=3.62,SD=1.18)	4 Watch movies	3.19	1.23
	5 Walking	3.48	1.15
	6 Food cooking	3.70	1.22
	7 Shopping	3.62	0.97
Learning and Improvement(M=3.68,SD=1.19)	8 Reading	3.68	1.19
Fitness(M=3.21,SD=1.28)	9 Running	3.21	1.28
Sightseeing	10 Family tourism	3.01	1.24
(M=3.18,SD=1.20)	11Visit the park	3.34	1.13
Social Interaction(M=3.39,SD=1.09)	3.39,SD=1.09) 12 Family reunion		1.09
Father's Leisure	41.94	5.53	
Father's Leisure Involvemen	3.70	0.96	

This paper combs the family leisure activities from the perspective of activity contents [1,17,20-23]. and through the preliminary investigation, a total of 12 items in 5 categories of family leisure activities with a involvement rate of more than 50% were screened out (as shown in Table 1). The core and balance model of family leisure is verified, that is, people generally participate in core leisure activities in daily life. The differences in involvement in activities between different family roles are basically in line with people's general perception. Many respondents pointed out that "every day when I go home from work, in addition to taking care of children, is still taking care of children", so when choosing family leisure activities, "basically consider children", and some interest activities such as doing crafts are also cultivated and developed because of "playing with children" and "taking care of the family". This suggests that although younger children have limited decision-making power over family leisure activities, parents actively consider their children's needs [24]. Therefore, daily family leisure activities are mainly centered on "family chores" centered on children. Respondents said that the most desired family leisure activities are related to relaxation, learning and life fulfillment. According to Maslow's hierarchy of needs and Nash's hierarchy of leisure, if the core leisure needs of daily life are well met, people will naturally pursue a higher level of leisure. When conditions permit, people's needs shift to a higher level to obtain a higher level of leisure experience and satisfaction.

The frequency of father's leisure involvement and satisfaction were moderate (as shown in Table 1). Most of the activities with high involvement frequency are core leisure activities based on family. That reflects that fathers tend to spend their leisure time at home by engaging in relatively static activities. Pearson correlation analysis showed that there was a correlation between father's leisure involvement frequency and overall satisfaction. The results of different family roles are different. For the mother, the higher the frequency of the father's leisure involvement is, the higher the degree of satisfaction is. To some extent, the positive effect of father's leisure participation on mothers was affirmed [25].

Different family roles have some differences in their choice of how to involve. Western culture believes that the core feature of fatherhood is economic provider, and motherhood is more of a responsible family caregiver [17]. This coincides with the traditional Chinese family concept of "men are mainly responsible for the outside and women are mainly responsible for the inside". Therefore, fathers are more inclined to provide material support (64.61%) and less willing to contribute time (38.20%). Mothers, on the other hand, prefer time support (75.49%) and spiritual support (72.06%) from the fathers. In a pluralistic society, fatherhood is also pluralistic and complex, and the understanding of fatherhood directly affects the father's involvement in family activities [25].

4.2. Family Leisure Satisfaction

Table 2: Descriptive data for family leisure satisfaction (N=382).

Categories	Items M	SI)				
	1 The family leisure activities I engage in are fun						
Psychology(M=	2 Engaged in family leisure activities makes me feel confident					0.96	
3.76,SD=0.66)	3 Engaged in family leisure activities gives me a sense of accomplishment					1.00	
	4 Family leisure activities allow me to show me different skills and abilities						
	5 Engaged in family leisure activities increases my knowledge of life around						
Education(M=3.	6 Family leisure activities provide the opportunity to try new things						
80,SD=0.64)	7 Family leisure activities make me know myself better						
	8 Family leisure activities make me know more about others						
	9 I engage in social activities in my family leisure activities						
Society(M=3.65	10 Family leisure activities allow me to develop closer relationships with others						
,SD=0.64)	11 People I meet during family leisure activities are very friendly					0.93	
	12 I relax with people who love leisure activities						
	13 Family leisure activities give me a rest					0.95	
Relaxation(M=3	14 Family leisure activities make me relieve stress						
.70,SD=0.70)	15 Family leisure activities calm my mood						
	16 I engage in family leisure activities because I like these activities						
				es are a physical challenge	3.56	0.96	
Physiology(M=	18 Engaged in family leisure activities because it can strengthen my body's adaptability						
3.61,SD=0.69)		n family leisure activities can store my physical strength					
	20 Family leisur	e acti	viti	es to keep me healthy	3.75	0.99	
	21 The place where I engage	in fan com	•	3.81	0.91		
Aesthetic(M=3.	22 The place where Len	3.78	0.94				
78,SD=0.59)	22 The place where I engage in family leisure activities is fun 23 The place where I engage in family leisure activities is beautiful						
					3.84	0.93	
24 The place where I engage in family leisure activities is well designed						0.47	
Family Leisure Satisfaction						0.47	

The overall result of family leisure satisfaction belongs to the upper-middle level (as shown in Table 2), which is basically consistent with the existing research results ^[26,27], while different conclusions exist among the different internal dimensions ^[28,29]. This may be related to the family

life cycle. The study found that some parents regard the involvement of their children in family leisure activities as "mission completion" and their own relaxation needs are not fully met. Relevant studies have shown that parents often regard family leisure as a "purposeful" approach, hoping to promote positive outcomes for children and families through family leisure activities, while individual satisfaction and relaxation needs are often ignored or suppressed [30]. The cultural tendency of Chinese families to focus on children and education and neglect individual enjoyment can also explain the results of the highest dimension of education and the lower dimension of relaxation.

Comparing the differences in family leisure satisfaction with different population characteristics (as shown in Table 3), it is found that there are significant differences in family leisure satisfaction, relaxation and aesthetic dimensions of different family roles. Among them, the mother's family leisure satisfaction is slightly lower. Among the four life situations, "whether or not to live with elders" differs significantly in the dimensions of education, relaxation and aesthetics. This result validates the role of family relations [14], and shows that intergenerational relationships play an important role in family life. Chinese families tend to have closer intergenerational ties than in Western countries. Due to the increased contact between parents and children, conflicts and contradictions are also prone to arise, especially in emotional and educational aspects [31].

Properties N SD Т Dimensions M P(double tails) Father 178 3.84 0.62 0.000*** Relaxation 3.74 204 3.58 0.74 Mother 3.87 178 0.57 Father 0.006** Aesthetic 2.79 204 3.70 0.60 Mother 178 3.77 0.38 family leisure Father 2.05 0.041* satisfaction Mother 204 3.67 0.52 Don't live with elders 181 3.73 0.66 Education -2.18 0.030 Live with elders 201 3.87 0.62 Don't live with elders 181 3.83 0.65 Relaxation 0.001*** 3.44 3.59 Live with elders 201 0.72 Don't live with elders 181 3.84 0.60 Aesthetic 2.11 0.036* Live with elders 201 3.72 0.58 Family well-being 178 3.57 0.80 Father -2.57 0.010*204 3.78 0.77 scores Mother Father 178 3.68 0.78 SWFL1 3.22 0.001* Mother 204 3.38 1.05

Table 3: Independent sample T test results (significant part).

4.3. Family well-being

Table 4: Descriptive data for family well-being (N=382).

Categories	Items	M	SD
Family well-being scores			0.79
	1. In most ways my family life is close to ideal.	3.57	0.90
SWFL	2. The conditions of my family life are excellent.	3.51	0.93
(M=17.59,	3. I am satisfied with my family life.	3.73	0.87
SD=3.10)	4. So far I have gotten the important things I want in my family life.	3.52	0.94
	5. If I could live my family life over, I would change almost nothing.	3.26	1.02

Family well-being scores and family life satisfaction were at an upper-middle level (as shown in Table 4). There were significant differences for different family roles. The scores of mothers (M=3.78) were slightly higher than those of fathers (M=3.57). Two-factor correlation analysis

showed that there was significant correlation between family well-being score and family life satisfaction (r=0.64, p=0.000). The analysis results are consistent with the existing studies, indicating that family well-being can be assessed by family life satisfaction to a certain extent [32].

4.4. Study on the Relationship among Variables

The results of the correlation analysis showed a positive correlation between the two pairs of these three variables for the overall sample, the father sample, and the mother sample, which is consistent with the current mainstream view in academia ^[6]. Among them, the mother sample values were higher than the father sample values. There is a difference in the degree of correlation between the three variables between the internal dimensions, and this result is similar to the results of existing studies.

Multiple regression analysis was performed using a stepwise method to further explore the relationship between the three variables (Table 5).

Five kinds of family leisure activities were taken as independent variables, and family leisure satisfaction as dependent variables. The regression equation is: Family Leisure Satisfaction=1.374 Recreational Activities+1.059 Sightseeing Activities+1.901 Learning and Improvement Activities+1.391 Fitness Activities+0.869 Social Interaction Activities+33.265. The prediction ability is 43.2%. Among them, learning and improvement activities have the strongest prediction ability.

With five family leisure activities as independent variables and family life satisfaction as dependent variables, as a result, three kinds of activities entered the model. The regression equation was: Family Life Satisfaction=0.277 Recreational Activities+0.282 Sightseeing Activities+0.367 Learning and Improvement Activities+7.468, the prediction ability is 18.7%. Among them, learning and improvement activities have the strongest prediction ability.

Model				ΔR^2	F	В	Beta	t	р
dependent variable:Family leisure satisfaction	(constant)	.663e	0.44	0.43	58.95	33.27		9.89	0
	Recreational					1.37	0.45	11.00	0
	Sightseeing					1.06	0.17	4.27	0
	Learning and Improvement					1.90	0.20	5.13	0
	Fitness					1.39	0.16	3.89	0
	Social Interaction					0.87	0.09	2.14	0.033
dependent variable:Family Life Satisfaction	(constant)	.440°	0.19	0.19	30.25	7.47		6.91	0
	Recreational					0.28	0.33	6.92	0
	Sightseeing					0.28	0.17	3.57	0
	Learning and Improvement					0.37	0.14	3.00	0.003
dependent variable:Family Life Satisfaction	(constant)	.662 ^d	0.44	0.43	73.48	1.97		2.14	0.033
	Education					0.33	0.27	6.02	0
	Relaxation					0.23	0.21	4.74	0
	psychology					0.25	0.21	4.61	0
	Society					0.24	0.20	4.47	0

Table 5: Variable Regression Model.

With six dimensions of family leisure satisfaction as independent variables and family life satisfaction as dependent variables, as a result, five dimensions entered the model and aesthetic dimension was removed. The regression equation was: Family Life Satisfaction=0.327 Education Dimension+0.230 Relaxation Dimension+0.250 Psychology Dimension+0.242 Society Dimension+1.966, the prediction ability was 43.2%. Among them, the interpretation ability of

education dimension is the strongest.

The regression coefficients of the three regression equations were tested by sequential test. The results showed that $a=1.324(R^2=0.195)$, $b=0.183(R^2=0.431)$, $c=0.245(R^2=0.446)$, c'=0.003 were all significant (p=0.000), c was greater than c'. Family leisure satisfaction played a mediating role between father's leisure involvement and family well-being.

The path relationship test results of the theoretical model are shown in Figure 1.

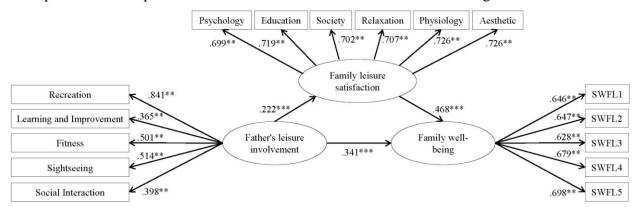


Figure 1: Theoretical Model and Path Coefficient.

5. Research Conclusions and Prospect

5.1. Research Conclusions

The main conclusions are as follows:

Firstly, the characteristics of father's leisure involvement. The father's leisure involvement frequency belongs to the medium level, and the family leisure activities with high involvement rate are mainly recreational activities. In perspective of family roles, the involvement rate of mothers is generally higher than that of fathers. From the perspective of leisure intention, people are yearning for high-level leisure activities related to the realization of life value, which conforms to the positive and healthy life style advocated by contemporary mainstream values. When choosing family leisure activities, most parents start from the perspective of their children. It is suggested that the leisure needs of more family members should be taken into consideration and the times and chances of communication and negotiation among family members should be increased. In perspective of the way of involvement, there are big differences between the choice of father and mother. With the development of society, people's expectations of father's role are becoming more and more diversified. It is suggested that the fathers should involve in the family leisure activities as much as possible if the conditions permit, which can effectively improve the satisfaction of the mothers and the whole families so as to achieve good family results.

Secondly, the test of the relationship between variables. The study found that there was a positive correlation between father's leisure involvement, family leisure satisfaction and family well-being, and family leisure satisfaction played a partly medium role. This paper shows from three different perspectives of father, mother and family that father's leisure involvement plays an important role in family well-being. This paper also highlights the importance of family-based daily leisure activities. In the context of Chinese family culture, this study puts the Western leisure research framework into practice and tests, which is also a useful supplement to the study of "fathers" in the field of leisure.

Thirdly, intergenerational relationships have significant effects on the internal dimensions of family leisure satisfaction. For Chinese families, relationships with their elders have an important

impact on the families. There are often great differences between generations in the way of life and the concepts of child-rearing. Therefore, it is recommended to increase intergenerational communication and consultation to achieve the purpose of promoting family harmony.

5.2. Research Outlook

Future research can further consider the views of other members of the family, explore the relationship between variables and their internal dimensions, so as to better understand the characteristics and results of father's leisure involvement. The theoretical models and scales used in this study are all from foreign research, and the leisure items and some topics are localized and improved, and further localization research can be carried out in the context of Chinese family culture.

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