Connotation and Structure of University Students' Marriage Values

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Abstract
Marriage values refer to various conditions of individual marriage in the field of selection and consideration, also the individual values reflected in the marriage. The results show that, the connotation of marriage values of college students relates to economy, material foundation, emotion, personality, character, appearance and other factors; college students marriage values has structure model of second order and 5 factors, including intrinsic spiritual needs, external reality requires two second order factors and the economic and material foundation, interest and personality, feelings and beliefs, aesthetic needs, personality and for the five first-order factors. Reliability and validity test and confirmatory factor analysis show that, college students' marriage values scale has good reliability and validity, and can be used as the college students' psychological measurement meter.
Key words: Marriage values; University students; Scale; Empirical study

1. THE CASTING OF THE PROBLEM

Marriage values is an individual in the influence of their own values, attitudes and values on marriage, love, and it is embodied in a person to choose what kind of marriage, and the marriage choice on various conditions of the attitudes and perceptions of the process. The connotation of marriage values, so far there is not clear definition. Psychologists tend to marriage values as part of values, emphasizing the cognition and attitude of the influence on human behaviors. The research in other countries on the marital values began in twentieth Century 50's.America scholar Craddock marriage values defined, has entered the ultimate and tools during the marriage values, emphasizing the practical effect of marriage values. Chinese scholars, Huang and Zheng (2005) consider marriage values is the foundation of love people, the essence of marriage, mate selection principles and standards, mate selection, marriage and moral problems such as the inner scale, is also a kind of attached to the cultural patterns and social norms, internalized in the individual personality, things potential evaluation criteria. It is the individual values embodied in the marriage, love problems, is an important part of values. There are scholars think, marriage values are the views of love, marriage and sex based problems, is an important component of reflection and the specific expression on life values (Zhang, 2006).

In 1951, Hill's the marriage attitude scale (Favorableness of Attitude Toward Marriage Seale) was used to measure the individual's attitude towards marriage is positive or negative (Hill, 1951). In 1973, Lee compilation love style scale (Love Style Seale), and later in the Lee scale was developed on the basis of Love Attitudes Scale (The Love Attitudes Scale), was used to measure individual in marriage and spouse's attitude on the issue of. The questionnaire has good reliability and validity, foreign marriage attitude measurement is widely used scale. In 1977, the Craddock reference Research values marriage valued of scale classification as well as the previous

research about marriage index, on the relationship between expected rights, marriage and marriage values were studied in system (Craddock, 1977). In 1999, Brines and Joyne, in the research, divided the marriage values into four aspects: marriage, family relations, importance, significance and importance of income. Some researchers has also explored from the angles of covenant and contract of marriage values of marriage, considering the value is out of the continuum between the poles, the covenant / contract marriage values scale (Marital VOWS) (Ripley, Worthington, Evertt, Bromley, & Kemper, 2005). Some scholars through the study of Iran youth marriage values, verify the marriage values containing embedded, emotional autonomy, cognitive autonomy, rank order and equalitarian five dimensions (Delkhamoush, 2007).

The university phase is an important period of individual values of the formation and development of the campus environment, has the characteristics of relatively closed, by the impact of the environment and the growth phase, college students' marriage values with the inevitable idealism. From the existing research, domestic scholars to study and college students' marriage values is not deep enough, most of research on College Students' concept of marriage, no connotation of College Students' marriage values and explore the specific research, and the study of its internal structure dimensions are relatively scarce, lack of reliable measure tool. Based on the above consideration, this study on the basis of scientific research, exploring the connotation of the contemporary college students' marriage values structure, analysis of general attitude and behavior of college students is on the problems of marriage, the study from a psychological point of view, the establishment has good reliability validity level of college students' marriage values scale. Based on scientific researches, this research provides theoretical and empirical basis for guiding students to the right of marriage, thinking and handling the love problems for college workers, reducing adverse consequences of college students that irrational concepts of marriage having caused, guiding the correct values in marriage, and the prospect of evolution and development of ideas Chinese people marriage value for a certain period of time in the future.

2. RESULTS OF THE RESEARCH AND ANALYSIS

2.1 The Subjects of Research

The study was divided into three phases, by cluster random sampling, the first phase of testing the selected undergraduate students in different grades. The total of subjects is 225. Including 90 boys, 135 girls; the first grade includes 56 people, 50 people in the second grade, the third grade has 60, and the fourth grade has 49. The second phase test selected 103 subjects: 46 boys, 57 girls in the first grade, 23 people in the first grade, 27 people in the second grade, the third grade including 24, and the fourth grade containing 29. The third phase is the development of the scale of the initial test subjects: 134 people, including 64 boys and 70 girls. The second tested a total of 158 people, including 76 boys, 82 girls; the first grade 35 people, 41 people in the second grade, the third grade 52, the fourth grade 30. The formal test in Sichuan Normal University, Southwest University for Nationalities, Chengdu University, Chengdu University of Traditional Chinese Medicine, Chengdu Normal College of 1800 questionnaires, remove the invalid questionnaires, 1752 valid questionnaires were obtained. The 858 boys, 894 girls; the first grade 471 people, 474 people in the second grade, the third grade 417, the fourth grade 390; 794 arts, arts 63 people, 895 people of science and engineering.

2.2 Marriage Values Connotation Content Analysis of College Students

The open questionnaire survey of college students in marriage selection value condition, consisting of three items: 1, in what was in your mind to a person the most important condition for marriage? 2, what situation you won't tell a person to get married? 3, what factors will influence your choice of a marriage partner? The questionnaire asked the participants to complete grade, gender and other basic personal information, questionnaire survey procedure followed strictly, subjects were required to finish in 30 minutes. In order to be tried some conditional words about marriage in the answer as a basic unit of analysis unit, such as personality, love, economic foundation.

Table 1
Percentages of Keywords Greater Than 1%

Keyword	Emoti onal basis	Personality	Out looking/ Appearance	Loyal	Sensa-tion	Region	The common of values	Common topic	Material basis
N	44	90	42	16	23	17	39	16	23
%	3.704	7.712	3.599	1.371	1.971	1.457	3.342	1.371	1.971

Keyword	Like	love/love each other	Consideration/ tolerance	Trust	Morality/ Quality	Filial piety	Knowl-edge/ educational back -ground	Family Conditions	Height
N	17	63	13	18	74	37	20	22	24
%	1.457	5.399	1.114	1.542	6.341	3.171	1.714	1.885	2.057

Continued

Keyword	Economic basis / economic conditions	The family back -ground	Life/Behavior habits	Parents' advice/ attitudes	Friends' attitudes	Sense of Responsibility	Family members	interest/hobby	Ambitions
N	44	20	19	96	12	39	25	12	48
%	3.770	1.714	1.628	8.226	1.028	3.342	2.142	1.028	4.113

Keyword	capacity	Outlook On life	Communication	Occupation
N	29	17	15	20
%	2.485	1.457	1.285	1.714

The open questionnaire, the classification of the respondent's answer, the result shows that all 225 participants answered the 86 key words, 1167 units of analysis, the average response of 5.18 unit. The number of each keyword reaction and the total analysis unit division, the percentage is less than 1% items to delete, there are 31 key words, accounting for the overall analysis of unit 85.175%, the results in Table 1.

2.3 Cluster Analysis College Marital Values Content

For further discussion of the relationship between variables, each variable belongs to category distinction and clear division, with R clustering analysis to analyze the 31 key words. Combined with the dimension division factor analysis, and based on the analysis results of clustering on the comprehensive consideration, the 31 key words are variables into 5 categories.

The results showed that, the first category includes key words: emotional basis, character, loyalty, feelings, values, love, common language, region, the main choice of a marriage partner's emotional needs for the individual, comprehensive percentage is 22.385%. The second category includes key words: appearance physical appearance, height, parents, friends, family, occupation view, mainly relates to the aesthetic needs of individuals and families, comprehensive percentage is 18.766%. The third category includes key words: material basis, family condition, economic condition, family background, mainly related to economic conditions, comprehensive percentage is 9.34%. The fourth category includes key words: love, understanding, trust, tolerance, and filial piety, moral knowledge education, living habits, sense of responsibility, interests, mainly relates to personal quality, comprehensive percentage is 25.279%. The fifth category includes key words: self-motivated, ability, outlook on life, communication, mainly related to the individual's value pursuit, comprehensive percentage is 9.34%. Overall, through cluster analysis combined with the content analysis can be found, in college students' marriage values, value of attribute conditions as follows: individual quality, emotional needs, aesthetic needs and family, economic conditions, the pursuit of life, the results are in Table 2.

Table 2
The Analysis Results of 31 Key Words Clustering

Category	Key words	Naming	Comprehensive percentage
Category 1	emotional basis, character, loyal, sensation, the same values, common languages, liking, region	Emotional needs	22.385
Category 2	physical appearance, height, Parents' advice, Friends' attitudes, Family members, occupation	Aesthetic needs and families	18.766
Category 3	material basis, family conditions, economic conditions, family background	Economic conditions	9.34
Category 4	Love, tolerance, trust, Morality, filial piety, knowledge and educational background, life and behavior habits, sense of responsibility, interests and hobby	Personal quality	25.279
Category 5	ambitions, capacity, Outlook on life, communication	The life pursuit	9.34

2.4 Factors Meter College Early Marriage Values Scale

On The basis of the previous two phases of research, the college marital values scale was prepared through the project analysis, factor analysis. 0n writing the primary measuring table, it is based on the original sentence of a questionnaire answered by open school students, combined with the actual investigation needs. Finally, it forms 50 drafts of scale. Using a five-point Liker scoring,

Topics were completely divided as agree, agree, uncertain, disagree, strongly disagree 5 types based on the degree of respondents. After the first draft of 50 topics Scale was completed, the survey was carried out for the primary measurement. In its analysis of the questionnaires, according to CR values, statistical standards that do not meet discrimination standards were excluded. Accordingly, a total of 25 topics were deleted from the beginning and 25 values of the questions of marriage meter for college students were left.

On this basis, the early college Marital value scale meter facilities for large-scale measurements, questionnaires were sent to 1,800 people, the data were randomly divided into two parts, namely, exploratory factor analysis and confirmatory factor analysis.

Using the principal component analysis of exploratory factor analysis, test results show that, the KMO test value is 0.839, the sample size is suitable for factor analysis; chi square test of puerility coefficient Bartlett is 2103.699, the significance level is less than 0.001, that there was a correlation between variables, sharing factors may, suitable for factor analysis. The analysis result shows that, 5 factors explaining overall equation 57.050%, item factor loading in 0.534-0.792. Factors named,

according to the basic principle of factors: the factor named observation items are mainly from the theory idea which factors; the factors with higher load value items. Item 1 factors mainly related to economic conditions, the material basis, so named for the economic and material foundation; factors 2 is mainly related to values, personality, interests, so it is named as the interests and personality; factor 3 refers to the understanding, the goal of life, feelings, so it is named as the feelings and beliefs; factors 4 mainly relates to appearance, romantic, height, so it is named as aesthetic needs; factors 5 mainly related to filial piety, character, parent satisfaction, so it is named as the character and the people.

Table 3
Students' Marriage Values Inventory Exploratory Factor Analysis

Question	Fact 1	Fact 2	Fact 3	Fact 4	Fact 5	Joint degree
A1 If the other has bad economic conditions, I would not marry him (her).	.783					.628
A6 the economic conditions will affect my choice of marriage partners.	.792					.648
A11 If the person does not have enough material to take on the basis of future life, I will not marry him (her).	.779					.640
A3 similar values is the basis for two people		.731				.580
A4 I do not marry those whose character is different from me		.657				.499
A8 I will find a like-minded people together.		.751				.638
A13 When the other side does not understand me, I will not marry him (her).			.566			.595
A19 Two people have a common goal in life.			.623			.464
A23 The key emotional foundation is the decision whether to marry two people.			.734			.597
A10 The looking is a prerequisite.				.768		.628
A15 The man who do not know how to romance, no mood of the people I would not consider.				.596		.516
A25 if the Height is not up to my request, I will not marry him (her).				.610		.499
A2 I do not accept those who are not filial					.665	.523
A7 the other's character is the most important.					.674	.566
A18 only Parents satisfaction will do.					.534	.665
The Eigen values	3.354	1.862	1.297	1.030	1.015	
The Contribution rate	22.360	12.413	8.648	6.865	6.764	
Cumulative contribution rate	22.360	34.773	43.421	50.286	57.050	

According to the results of factor analysis, we have analyzed the five factors which had been explored. The results showed that there is a very obvious correction between the five dimensions. It means that the structure of the factor may contain a higher-order factor. In order to have a further research on the structure of university students' marriage values, on the basis of the first exploratory factor analysis, we used the principal component analysis and the fourth largest party rotation method, with each dimension of this variable for the second exploratory factor analysis extracted eigenvalues

greater than 1, two factors of the total variance explained 59.375. The first factor includes inclination and personality, emotions and beliefs, character and behavior, which mainly related to the values of the emotional demands of marriage. So it was named for the inner spiritual needs; the second factor includes mainly of economic and material basis, aesthetic needs of extrinsic standard, so it was named for the needs of external reality. The results are shown in Table 4.

After two exploratory factor analysis, it showed that the values for the second-order two college marital factors

dimensional structural model of five first-order factors, which needs external reality and inner spiritual needs of second-order factors, economic and material basis, interests and personality, feelings and beliefs, aesthetic needs of human character and five first-order factors.

Table 4
The Results of Second Exploratory Factor Analysis

	Factor 1	Factor 2	Communalities
The foundation of economic and material		.735	.595
Aesthetic needs		.826	.685
Inclination and character	.732		.562
Emotion and belief	.778		.606
Moral quality and humanness	.714		.520
Eigenvalue	1.935	1.033	
Contribution rate	38.707	20.668	
	38.707	59.375	

3. RELIABILITY AND VALIDITY OF COLLEGE MARITAL VALUE SCALE TEST

3.1 Reliability Test

In this study, we used homogeneity reliability and split-half reliability as the index of the questionnaire analysis. From the result, we can find out the value of five college students a first-order marriages homogeneity reliability factor between 0.517-0.783, split-half reliability between 0.506-0.688;homogeneity reliability of two second-order factor between 0.758-0.778, split-half reliability between 0.607-0650. Homogeneity reliability of the total scale of 0.832, split-half reliability was 0.734, indicating that the scale has good reliability levels. The results are shown in Table 5.

Table 5
College students' Marriage Values Scale Reliability Test

Fact	Cronbaeh'a coefficient	Split-half reliability
Economic and material basis	0.783	0.688
Interests and Personality	0.588	0.534
Feelings and beliefs	0.640	0.575
Aesthetic needs	0.624	0.601
Personality and behavior	0.517	0.506
Inner spiritual needs	0.758	0.607
External reality demand	0.778	0.650
Total table	0.832	0.734

3.2 Validity Test

In this study, in terms of content validity and construct validity, etc. we test the validity of scale. On content validity, this scale determines the title on the basis of theoretical overview, open-ended questionnaire and individual interviews. We modified in the course of preparing Scale, which can guarantee the questionnaire dimensions and topics covered college Marriage Values all aspects of the feature, and representative, and thus scale has good content validity. On construct validity, the correlation analysis showed that the correlation coefficient is between 0.143 and 0.377, the factors associated with the total score is between 0.549 and 0.692, which indicate factors better reflects the content that you want. Confirmatory factor analysis showed that the model fit indicators were ideal; theoretical models indicate that the degree of fit with the original data reached statistical requirements. The results are shown in Table 6, Table 7, and Figure 1.
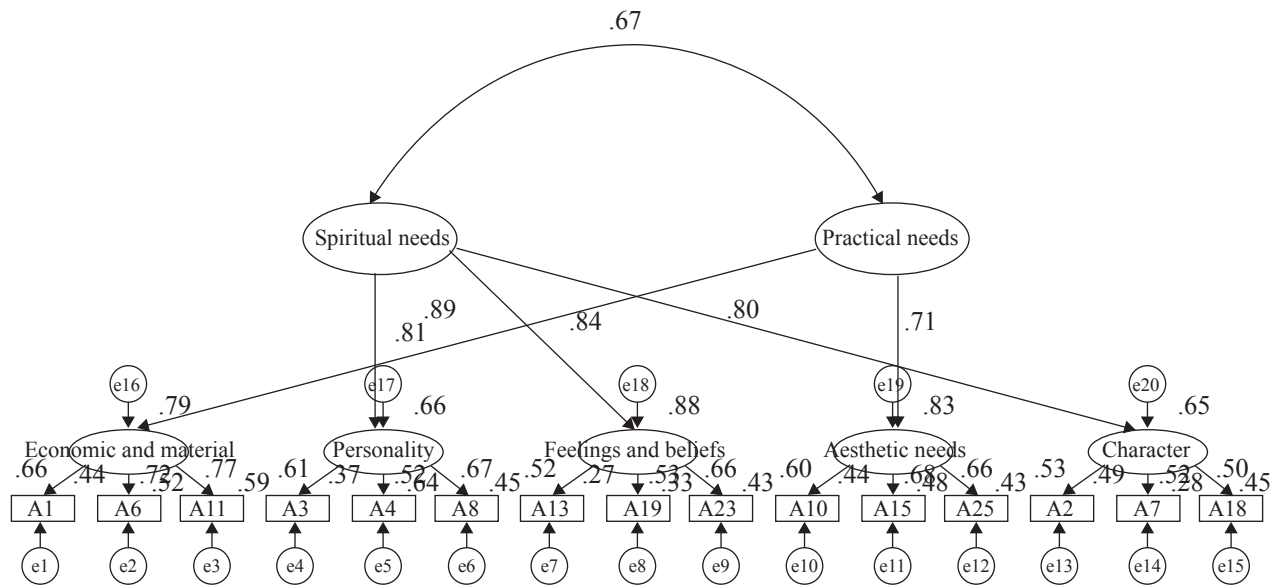
Table 6
College Students' Marriage Values Between Different Dimensions

	Economic and material basis	Interests and Personality	Feelings and beliefs	Aesthetic needs	Personality and behavior	Inner spiritual needs	External reality demand	Scale score
Economic and material basis	1							
Interests and Personality	.247**	1						
Feelings and beliefs	.143**	.377**	1					
Aesthetic needs	.281**	.158**	.113**	1				
Personality and behavior	.249**	.306**	.308**	.121**	1			
Inner spiritual needs	.288**	.787**	.741**	.177**	.702**	1		
External reality demand	.856**	.259**	.162**	.737**	.241**	.299**	1	
Scale score	.692**	.665**	.577**	.549**	.599**	.827**	.784**	1

Figure 1
The model of Two Phase 2 Factor One Phase 5 Factor M1

Table 7
College Students' Marriage Values Scale Confirmatory Factor Analysis of the Main Index of Fitting (N=876)

Model	X^2	df	X^2/df	GFI	AGFI	NFI	CFI	RMSEA
M1	322.210	84	3.836	0.951	0.929	0.886	0.893	0.057

4. SUMMARY AND DISCUSSION

4.1 Marriage Values Connotation College

From the results of content analysis, the intension of College students' marriage values contains the comprehensive consideration of the individual student marital economic, physical, personality, values, character, appearance and emotion. The results show that the level of arrangement, emotion, love, character, personality and other psychological factors, physical factors ranked higher than economic conditions, material foundation and family conditions. In terms of the college students, the main features of their marital values and feelings, light material, students at the university level is not like all the media is so money is a measure of spiritual emotion is still their choice to marry Object Description the main factors to consider, and this is the age in which college students and campus environments have a great relationship.

4.2 Marriage Values College Structure

Through the exploratory factor analysis and confirmatory factor analysis, we found that college students' marriage values as a second-order two -dimensional structure factor of a factor of order 5 multidimensional dynamical systems. External reality which demands included economic and material basis, the aesthetic needs of the two factors, internal feelings and beliefs contained spiritual needs, interests and personality, character and man three factors. Social psychology considers that, from the perspective of the conjugal union motivation,

marriage can be divided into a marriage of love -and utilitarian. Marriage based on love between men and women are mainly two sides agreed in ideals, beliefs, values regard is spiritual understanding, recognition, understanding, worship, these elements dominate the marriage. Utilitarian type of marriage is the origin, property, education and other conditions as a basis of love rather than the combination, and when the two sides are basically balancing benefits and costs, such marriages can be maintained, and feel satisfied, the desire to grow old. The results of this research and the psychological theory of human society have the same divide about the marriage motivation of people, which proved that the structure on the college division of marital scientific values.

4.3 Compilation of Marriage Values Questionnaire

On the basis of the questionnaire analysis, this research clear specific meaning of marriage values though the content of the open-ended questionnaires and interviews to collect data analysis, and compiled the college marriage prediction questionnaire on the basis of the intension. Through several questionnaires, on the basis of exploratory factor analysis and confirmatory factor analysis of the data processing, to determine the structure of the college marriage dimension values, and finally formed a formal questionnaire. Reliability and validity analysis showed that the questionnaire has good reliability and validity, which can be used as a measuring tool for college marital values.

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