

# Investigation and Analysis on the Relationship between the Use of Mobile Phone and the View of Love and Marriage of Female University Students

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## Abstract

With the rapid development of information theology, mobile phone plays an important role in the everyday life. This study analyzed the relationship between the use of mobile phones and the values of love and marriage of female university students by questionnaire. The results show that there is a negative correlation between the use time of mobile phone and marital expectation of female university students. Furthermore, there is a positive correlation between the using motivation and view of love and marriage of female university students. Based on these results, the research tries to discover the reasonable use of mobile phones, in order to achieve the correct guidance of the value of marriage and love for female university students.

## Keywords

The use of mobile phones; Using motivation; View of love and marriage; Correlation.

## 1. Introduction

With the rapid development of information technology, mobile phone, as a product of the information age, is playing an extremely important role in the daily life. The mobile phone is favored by many college students because of its fashion and portability. While female university students is a relatively large group who use mobile phones to surf the Internet frequently. In the view of female university students, mobile phone is not only a traditional communication tool, but also has many other functions, such as learning, entertainment, making friends and so on.

The view of marriage and love is the attitude and understanding for people to consider marriage and love. The view of love and marriage plays a guiding role in young people's choice of spouse and marriage life, and affects their development and happiness in their whole life. As young generation in the new era, female university students have their own unique view of love and marriage. [1] There is a growing number of reports on social media platforms, which affect the values of love and marriage of female university students. [2]

At present, "the mobile phone use of university students" and "the view of love and marriage of university students" are usually explored by scholars, but there are few researches analyzing the correlation between them. Therefore, this study tries to focus on the relationship between the use of mobile phones and the view of love and marriage among female university students. The study links the internal logical relationship between female's media use and the values of love and marriage, which would deepen the content of media use effect. In addition, the study could also find out whether the use of mobile phones would shape the view of love and marriage of female university students, and the findings may make some reasonable suggestions for them to establish healthy value of love and marriage.

## 2. Research Questions

Based on the research background, the following three research questions are posed:

RQ1: Is the use of mobile phone by female university students related to their love behavior, and what is the relationship between them?

RQ2: Is the use of mobile phone by female university students related to their standard of choosing spouse, and what is the relationship between them?

RQ3: Is the use of mobile phone by female university students related to their marital expectation, and what is the relationship between them?

## 3. Research Methods

This research adopts the questionnaire of “the investigation on the use of mobile phone by the female university students and their values of love and marriage”, which has been distributed to female university students through the network platform “questionnaire star”. The questionnaire is divided into three parts: the basic attributes of demographics, the use behavior of mobile phone of female university students and the values and views of love and marriage of female university students. The survey was conducted from 25th June to 5th July, 2020. A total of 300 questionnaires were completed and 233 valid questionnaires were collected, and the effectiveness is 77.67%. The specific situation of respondents is posted as Table 1.

**Table 1.** The specific situation of respondents

Demographics	Classification	Percentage
Age	17-20 years old	112(48.1%)
	21-25 years old	121(51.9%)
Major	Humanities and social sciences	120(51.5%)
	Science and engineering	81(34.8%)
	Agricultural, forestry, medicine and others	32(13.7%)
Place of origin	Countryside	83(35.6%)
	Towns	51(21.9%)
	Cities	99(42.5%)

## 4. Research Results

All of the data was conducted with SPSS 22.0, and Pearson correlation analysis was used to probe these three questions. Firstly, it is found that the mobile phone use of female university students has the following relationships with love behavior, the standard of choosing spouse and marital expectation.

### 4.1. The Relationship Between Mobile Phone Use of Female University Students and Their Love Behavior

According to the questionnaire, love behavior is divided into three indexes, which are “I expect to be in love”, “I can accept online love” and “I can accept premarital sex”.

Based on the correlation analysis, there was no correlation between the use time of mobile phone and the love behavior of female university students ( $p > 0.05$ ). However, there is a significant correlation between mobile phone using motivation and love behavior of female university students. There is a positive correlation between female university students' mobile phone using motivation and their expectation of love ( $R = 0.258$ ,  $p < 0.05$ ), their premarital sex acceptance ( $R = 0.353$ ,  $p < 0.05$ ). Specifically, the more motivated female university students use

their mobile phones for entertainment, the higher their expectations of love and acceptance of premarital sex is. Moreover, there is a positive correlation between the mobile phone using motivation of information needs and their expectation of love ( $R=0.197$ ,  $p<0.05$ ). Specifically, the higher the motivation of meeting information needs, the higher their expectation of love is. Also, there is a positive correlation between the mobile phone using motivation of interpersonal communication and their expectation of love ( $R=0.217$ ,  $p<0.05$ ), the acceptance of online love ( $R=0.154$ ,  $p<0.05$ ), and the acceptance of premarital sex ( $R=0.185$ ,  $p<0.05$ ). To be more specific, the higher the interpersonal relationship as their using motivation, the higher their expectation of love, acceptance of online love and acceptance of premarital sex is. The specific relationships are shown as Table 2.

**Table 2.** Correlations between mobile phone using motivation and love behavior

	Entertainment	Meet information needs	Acquire knowledge	Interpersonal communication
I expect to be in love	0.258**	0.197**	0.115	0.217**
I can accept online love	0.128	-0.031	0.068	0.154*
I can accept premarital sex	0.353**	0.115	0.107	0.185**

\* $p<0.05$ , \*\* $p<0.01$ , \*\*\* $p<0.001$

#### 4.2. The Relationship Between Mobile Phone Using of Female University Students and Their Standard of Choosing Spouse

The standard of choosing spouse is divided into six indicators, which are "I care about his social status", "I care about his appearance", "I care about his family background", "I care about his education", "I care about his personality" and "I care about his ability".

Based on the correlation analysis, there is no correlation between the use time of mobile phone of female university students and their standard of choosing spouse. However, there is a significant correlation between mobile phone using motivation and some standards of choosing spouse.

It is showed that there is a positive correlation between the using motivation of entertainment and social status ( $R=0.249$ ,  $p<0.05$ ), physical appearance ( $R=0.273$ ,  $p<0.05$ ), family background ( $R=0.244$ ,  $p<0.05$ ), personality ( $R=0.353$ ,  $p<0.05$ ) and ability ( $R=0.361$ ,  $p<0.05$ ). Specifically, the more motivated female university students use mobile phones for entertainment, the more important they pay attention for his social status, appearance, family background, personality and ability.

There is a positive correlation between mobile phone using motivation for meeting information needs and social status ( $R=0.253$ ,  $p<0.05$ ), physical appearance ( $R=0.240$ ,  $p<0.05$ ), family background ( $R=0.252$ ,  $p<0.05$ ), education ( $R=0.226$ ,  $p<0.05$ ), personality ( $R=0.445$ ,  $p<0.05$ ) and ability ( $R=0.409$ ,  $p<0.05$ ). Specifically, the more motivated female university students use mobile phones for information needs, the more they consider his social status, appearance, family background, education, personality and abilities.

There is a positive correlation between the using motivation of acquiring knowledge and social status ( $R=0.190$ ,  $p<0.05$ ), appearance ( $R=0.184$ ,  $p<0.05$ ), family background ( $R=0.231$ ,  $p<0.05$ ), education ( $R=0.225$ ,  $p<0.05$ ), personality ( $R=0.250$ ,  $p<0.05$ ) and ability ( $R=0.277$ ,  $p<0.05$ ). Specifically, female university students with more motivation to use mobile phones for

acquiring knowledge are much more concerned about his social status, appearance, family background, education, personality and abilities.

Furthermore, there is a positive correlation between the using motivation of interpersonal communication and social status ( $R=0.260$ ,  $p<0.05$ ), physical appearance ( $R=0.223$ ,  $p<0.05$ ), family background ( $R=0.267$ ,  $p<0.05$ ), education ( $R=0.209$ ,  $p<0.05$ ), personality ( $R=0.325$ ,  $p<0.05$ ) and ability ( $R=0.297$ ,  $p<0.05$ ). Specifically, female university students with using motivation of interpersonal communication are much more concerned with his social status, appearance, family background, education, personality and ability. The specific relationships are posed as Table 3.

**Table 3.** Correlations between mobile phone using motivation and the standard of choosing spouse

	Entertain ment	Meet information needs	Acquire knowledge	Interpersonal communication
I care about his social Status	0.249**	0.253**	0.190**	0.260**
I care about his appearance	0.273**	0.240**	0.184**	0.223**
I care about his family background	0.244**	0.252**	0.231**	0.267**
I care about his education	0.117	0.226**	0.225**	0.209**
I care about his personality	0.353**	0.445**	0.250**	0.325**
I care about ability	0.361**	0.409**	0.277**	0.297**

\* $p<0.05$ , \*\* $p<0.01$ , \*\*\* $p<0.001$

### 4.3. The Relationship Between Mobile Phone Using and Marital Expectation of Female University Students

The marital expectation is divided into six indicators, which are “marriage brings happiness”, “marriage is very important”, “marriage makes people happy”, “marriage is very necessary”, “I’m really looking forward to getting married” and “marriage is very meaningful”.

Based on the results, there is a correlation between the use time of mobile phone of female university students and their marital expectation. Specifically, there is a negative correlation between the use time of mobile phone of female university students and their viewpoints of “marriage brings happiness” ( $R=-0.134$ ,  $p<0.05$ ), “marriage makes people happy” ( $R=-0.144$ ,  $p<0.05$ ), “marriage is necessary” ( $R=-0.149$ ,  $p<0.05$ ), “I’m really looking forward to getting married” ( $R=-0.162$ ,  $p<0.05$ ), and “marriage is meaningful” ( $R=-0.130$ ,  $p<0.05$ ). Thus, the longer they use the mobile phone, the more negative their marital expectation is.

Based on the results, there is a correlation between the using motivations of female university students and their marital expectation. Specifically, there is a positive correlation between their using motivation of acquiring knowledge and their viewpoints of “I’m really looking forward to getting married” ( $R=0.130$ ,  $p<0.05$ ) and “marriage is meaningful” ( $R=0.155$ ,  $p<0.05$ ). Also, there is a positive correlation between the using motivation of interpersonal communication and their viewpoints of “marriage brings happiness” ( $R=0.180$ ,  $p<0.05$ ), “marriage is very important” ( $R=0.178$ ,  $p<0.05$ ), “marriage makes people happy” ( $R=0.173$ ,  $p<0.05$ ), “marriage is very necessary” ( $R=0.186$ ,  $p<0.05$ ), “I’m really looking forward to getting married” ( $R=0.215$ ,  $p<0.05$ ) and “marriage is very meaningful” ( $R=0.169$ ,  $p<0.05$ ). The specific relationships are shown in Table 4.

**Table 4.** Correlations between mobile phone using motivations and marital expectations

	Entertainment	Meet information needs	Acquire knowledge	Interpersonal communication
Marriage brings happiness	0.043	0.075	0.109	0.180**
Marriage is important	0.017	0.085	0.111	0.178**
Marriage makes people happy	0.033	-0.007	0.110	0.173**
Marriage is necessary	-0.009	0.051	0.119	0.186**
I'm really looking forward to getting married	0.037	0.010	0.130*	0.215**
Marriage is meaningful	0.016	0.064	0.155*	0.169**

\* $p < 0.05$ , \*\* $p < 0.01$ , \*\*\* $p < 0.001$

## 5. Conclusion

It is analyzed the use time of mobile phone affects the marital expectation of female university students. With the development of new media technology, the use of mobile phone has become a daily habit for most of people. As for female university students, the use of mobile phone has begun to affect their thinking, behavior and lifestyle in many ways. With the lack of proper supervision, the Internet has brought negative information of marriage and love, which made an invisible negative influence on the marital expectation of female university students.

In addition, there is a positive correlation between mobile phone using motivations of female university students and their love behavior, standard of choosing spouse and marital expectation. Female university students, taking entertainment and making friends as their mobile phone using motivations, are more open in their love behavior. As for the standard of choosing spouse, female university students are much more concerned about their inner qualities. Furthermore, with the strong motivation of interpersonal communication, the female university students would hold a higher expectation for marriage and love. Therefore, it is shown that the motivation of using mobile phone is an important factor affecting the view of marriage and love of female university students.

Generally, the university stage is important for the formation of the concept of love and marriage. Female university students' daily use of mobile phones has really affected their view of love and marriage. Moreover, their views will not only reflect the basic characteristics of their life value orientation, but also predict the trend of marriage and family in the near future. In other words, female university students should reshape their usage philosophy, and make full and reasonable use of the multiple functions of mobile phone. Meanwhile, the related departments of university should also take active actions to strengthen the guidance of students' healthy understandings on love and marriage, so as to help female university students to establish proper values on love and marriage.

## Acknowledgements

This paper was sponsored by Hubei Polytechnic University's Communist Youth League organizations Project, A Survey on the Views of Marriage and Fertility of Female University Students (2018tw10); Hubei Polytechnic University's Introduce Talents Introducing Project, Female's Media Image Representation and Discourse Construction in the New Era (20xjz21R).

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