

Current Situation on Making Friends Among Tsinghua Graduate Students

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Abstract. Emotional friendship is an integral part of people's lives. The analysis of people's behavior of make friends can help us better understand the behavioral characteristics of a certain group. However, there is currently no relevant research on the special group of highly educated doctors students from Tsinghua University (THU). It is not clear whether this group is consistent with the general emotional friendship habits and friendship status in the society, and what characteristics are there. This study investigated 46 PhD students at Tsinghua University by means of questionnaires, including different grades, different genders, and different genders. The study found that PhD students in THU remained more positive and optimistic in the evaluation of self-state, and at the same time became more depressed in their willingness to make friends. This brought serious anxiety. The study also found that the participants prefer to make friends through offline activities rather than through targeted online activities. We will start with the questionnaire survey, analyze the problems in this area from the perspective of probability, and finally come up with some general guidelines for making friends. Finally, we can let the audience know the novel overview of Tsinghua doctors, the high-knowledge group, on the emotional aspect.

Keywords: Emotional friendship, PhD students in Tsinghua, Questionnaire.

1. Introduction

The age characteristics and physiological and psychological development level of doctoral students determine that they will face love and emotional problems at any time in life. It can be said that the pursuit of love is exciting, but also something that can lead to annoying problems that may directly affect their physical and mental health and development. doctoral students in their youth, in the middle, love itself is a perfectly normal thing. However, because the school is such a special environment, as well as the psychological condition of the age stage, society level of change, life experience, social environment, and other reasons, the problems of love and emotion are always not easy to deal with, even affecting the normal study, life, and psychological health.

In terms of the emotional problems of undergraduates, a questionnaire survey was conducted among 1653 college students, 36.5% of whom chose their studies as their top priority (citation). About half of those chose to have both academic and emotional needs and were eager for harvest; 10.3% chose love and affection as their top priority. 55.3% of those positively approve of love, 31.4 percent were neutral. 13.3 percent said they were against it. In choosing a mate, 64.4% of them put their character, ability, and character in an important position. 35.6 percent of respondents put appearance, family background, or financial condition as their top priority. 42.3% agreed that love should be based on sincere mutual love. 20.2% disapproved; Those concerned about the conflict between reason and emotion accounted for 37.5 percent. That is, more than half of the students will have psychological confusion when they encounter such problems. On the relationship between love and marriage, 39.3% of the students thought that love "may not get married", 13.4% chose "will not get married", 36.8% chose "hope to get married", and only 10.5% answered "yes" positively. That is to say, the vast majority of college students fall in love not for the purpose of marriage, about 90% of students think their love will not necessarily lead to marriage. Attitude towards lovelorn: 62.3% of the students choose to "accept the reality, analyze the reasons, learn lessons", 27.5% of the students choose to "accept the blow and pain of lovelorn, ask the other side to explain the reason or investigate responsibility", 10.2% of the students choose to "stay away from love, to avoid being hurt again" [1].

For a very long period of time, China's college students implemented a strict management system, in principle, College students are not allowed to fall in love, mainly to "block"; But in recent years, on the one hand, the university enrollment expansion led to a surge in the number of students in school, to change higher education from elite education to mass education model; on the other hand, with the deepening of the reform and opening up to further liberation of thought and social attitudes, considering the characteristics of the development of college students' physical and mental development schools no longer interference in college students' personal emotional life, In principle, college students are not opposed to falling in love, or even get married, from "blocking" to "sparse", supplemented by education. This is not only a recognition of college students' personal identity, but also a respect for their personal development. Hence the breeding problem, though, cannot be neglected, according to our investigation and the experiences of psychological consultation in colleges and universities for many years, many college students' emotional problems associated with love, light person affect mood, affect learning, the person that weighs to suicide or crime road, and many students fall in love, is to keep parents under various pressure. Love is originally the most beautiful emotional experience in the world, but it is often a double-edged sword for college students. Therefore, reasonable guidance to college students' love problems has become an important part of college psychological health development and education.

In order to understand the current situation of college students' love orientation, from several aspects in our interviews and open questionnaires, the basis of the questionnaire compiled college students' love orientation, exploratory factor analysis, and confirmatory factor analysis results show that college students' love orientation includes four dimensions: economic orientation, responsibility orientation, ability orientation and communication oriented. Economic orientation reflects that college students attach importance to the economic ability level or the potential economic ability of their romantic partners. The higher the score is, the more they attach importance to the economic level of their romantic partners.

Especially for Tsinghua University doctoral students such a highly educated group, what is their emotional state like? There have not been studies and methods on these issues in the past, but love and interpersonal the emergence of new problems closely related to doctoral students, such as relationships, study, and the process of lovelorn. Moreover, due to the limitation of age, doctoral students have more consideration for love, such as whether want to get married, where both sides want to settle down, and where both sides want to get married, it all takes a lot of effort. So in order to explore the emotional attitude of such a specific group the Tsinghua graduate students, we designed a questionnaire survey to understand the attitude towards the emotional problem of the Tsinghua doctoral students.

Questionnaire survey is a research method to explore the current situation of facts. The biggest purpose of questionnaire survey is to collect and accumulate the basic information on various science education attributes of a certain target group. It can be divided into descriptive research and analytical research. When deciding whether to use a questionnaire as a research tool, we should consider whether the research objective can be successfully achieved and pay attention to the degree of cooperation of research samples in the questionnaire. In addition, a questionnaire survey has its advantages and disadvantages, and its characteristics should be examined in accordance with the research topic to achieve its goal.

Online questionnaire survey is a survey method developed with the development of network technology, and the internet has given questionnaires a lot of opportunities to survey problems. Of course, it also has its own advantages and disadvantages.

Advantages:

1) With high efficiency

Questionnaire survey is widely used because its biggest advantage is that it is easy to operate and economical. There is no need for investigators to go door to door to collect information. They can be carried out in groups, sent questionnaires by mail, or published in newspapers and magazines.

Not only can save manpower, material resources, financial resources, and time, but also can survey a lot of people in a short period of time. Therefore, questionnaire survey is very efficient, suitable for computer data processing, saving the cost and time of analysis.

2) Objectivity

Questionnaire generally doesn't need a signature on the questionnaire, newspapers and magazines and mailing method doesn't need to sign, respondents can freely express their true thoughts and inner situation, if there is one on the questionnaire involving privacy, the signed way may lead to respondents don't want to express the true wishes, rather than the state of anonymous questionnaire survey can be free.

3) With unity

Questionnaire surveys ask questions with the same questionnaire for all respondents, which is conducive to comparative analysis of respondents in the same situation, survey of respondents with different consciousness from the society, and analysis of individual situations.

4) Extensive

Questionnaire survey is not limited by the number of people and scope. In terms of design, the range of possible answers is generally chosen by the respondents, which is convenient for the respondents to understand the survey content. Since most questionnaire surveys are conducted in a closed manner, answers can be encoded and data input in the process of data collation for quantitative processing and analysis.

Disadvantages:

1) Lack of elasticity

Most of the questionnaire surveys are designed by the questionnaire designers in advance, which makes the respondents' answers more limited and may omit some more detailed and deep information. For complex questions, simple answers can obtain the rich information needed.

2) Easy to misunderstand

The questionnaires are freely answered by the respondents, but in order not to put pressure on the respondents, the investigators generally do not check the correctness or omission of the answers on the spot, which is prone to some questions such as missed answers and wrong answers.

3) Low recovery rate and effective rate

In questionnaire survey, questionnaire and efficient recovery of a certain proportion make the survey data representative and valuable, through the mail questionnaire, the recovery rate is not high, often because its subjects without any constraints, if not voluntarily and consciously, so often chose not to come back the questionnaire, the sample have a big impact.

And in the eyes of Chinese people, emotional issues are implicit and obscure. Therefore, online questionnaire survey is more helpful for doctoral students to express their views on emotional issues more accurately and intuitively. In addition, as doctoral students are usually busy with their own scientific research projects and other activities, their time is very tight, so there is no time to answer questions offline. Online questionnaires can solve this problem well, and they only need to scan the code to complete the survey.

2. Methods

2.1. The structure of BP neural network

We developed a qualitative questionnaire in WeChat mini program that was disseminated through social media (WeChat group and moments and website). A purposive sample targeting THU graduate students in different majors was approached. The questionnaire asked about participants' affective state, effective troubles or problems, opinions on making friends, and views about blind dates online and offline.

This study includes a qualitative questionnaire (<https://www.wjx.cn/vm/rjixe5A.aspx>) with views of THU graduate students.

The questionnaire questions consist of three sections, focusing on personal information, opinion, and behavior orientation. Most of the survey questions were close-ended and aimed to gather determinable and objective information. Open-ended questions were also used to allow the participants to express themselves freely.

We put the questionnaire on social media platforms (WeChat and QQ) and invited our classmates to participate. We used content analysis to analyze responses from participants through the mini-program “Wenjuanxing”. We analyzed their gender, age distribution, affective state, the ratio of regular friends, and so on. More specific results and analysis will be introduced in the next part.

Age distribution

Unit: people

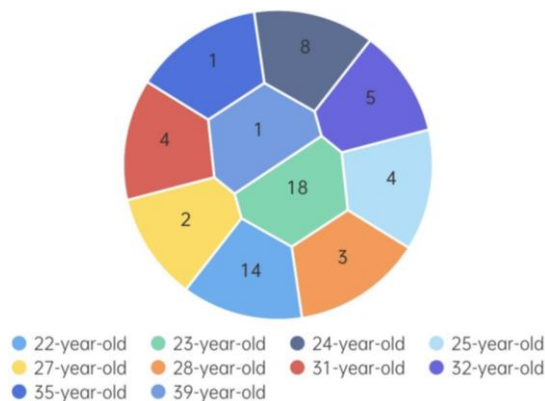


Figure 1. The age distribution of the respondents

We finally got forty-six responses. As we mentioned before, our target group is THU graduate students and their age distribution is shown in figure 1. We can see the age ranged in age from 22 to 39, with 22-24 being the most part.

Geographical distribution

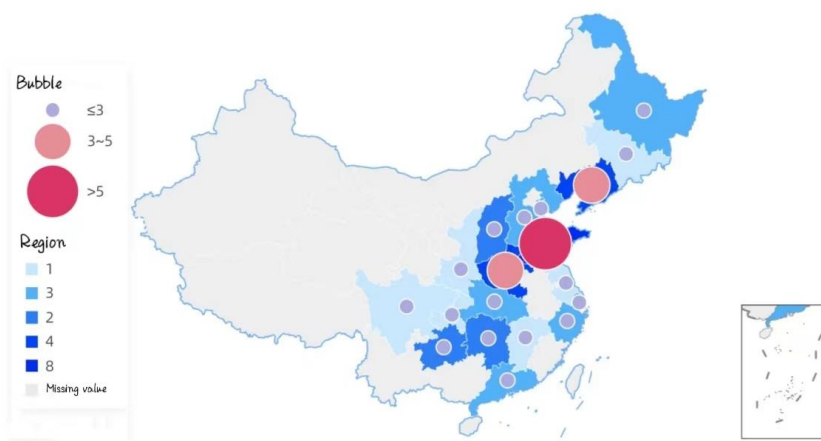


Figure 2. The geographical distribution of the respondents

As figure 2 shows, the participants were from nearly 20 provinces in China, with Shandong province being the largest source. There are no students coming from Western provinces and Beijing in our data. Except for the Academy of fine arts, the Academy of chemical engineering, and the medical school, the number of students in other majors is more than 60%.

Let me briefly introduce our survey. To begin with, the ratio of male to female is 2: 1, Most of our respondents are in single state with a percentage of 54% and About 26% are in love or pursuing, 13% are married and 6.52% are just lovelorn. As for the ratio of regular friends, for most of them, the proportion of males and females is almost 50%. While for some outgoing people, they have more opposite-sex friends which are reasonable.

3. Results and discussion

Through our questionnaire survey, we find some special points of PhD students at Tsinghua University in making friends emotionally, including which features are the most attractive, which conditions don't match will become the reasons for rejection, what kind of ways students prefer to make friends, and the students' views on an online date, blind date, etc.

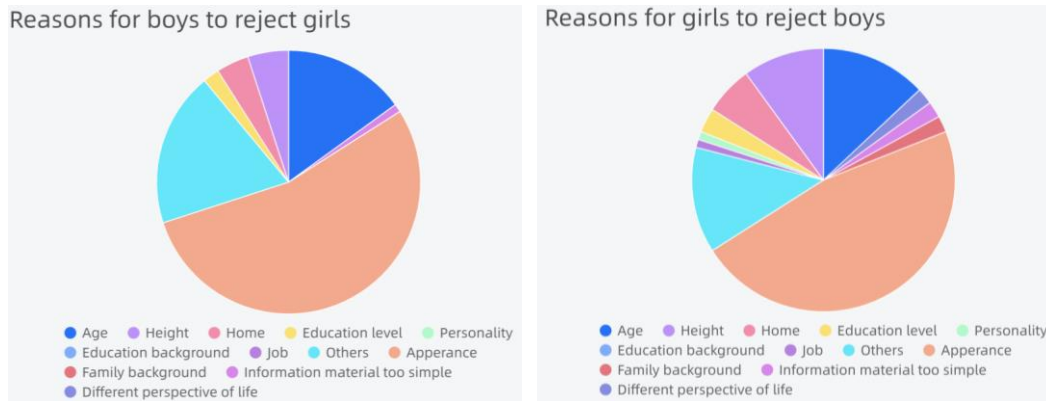


Figure 3. The reasons for rejecting the pursuit of the opposite sex to make friends in social survey

As the above figure 3 shows, in a data analysis based on Three hundred thousand post-90s, among the reasons for rejecting the pursuit of the opposite sex to make friends [2, 3], the bad first impression is the biggest factor, and males pay more attention to the first impression than females. Age and height were the second and third factors respectively. Whether the core values match or not is not an important factor for most people to reject the pursuit of Friends of the opposite sex [4-6].

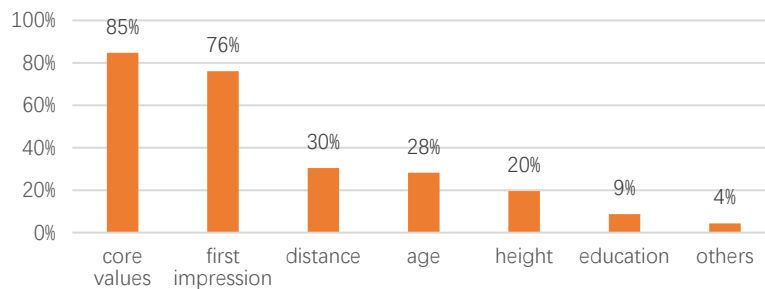


Figure 4. The reasons for rejecting the pursuit of the opposite sex to make friends in PhD students in Tsinghua

As Figure 4 shows, the core values were the biggest factor to be considered, followed by the first impression. Therefore, we can find that with the improvement of education, people have become more rational. And both results show that people will not reject the opposite sex because of inappropriate education. I think it's like Wang Sicong. He once said: when I make friends, I don't care whether they have money. Because no one else is as rich as me [7].

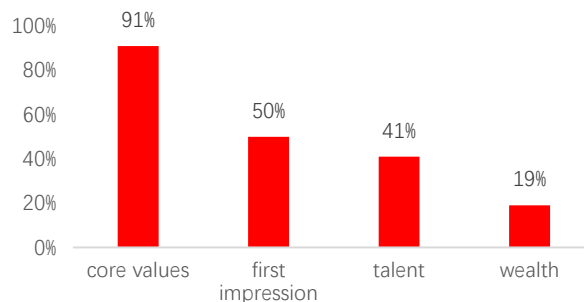


Figure 5. The reasons for rejecting the pursuit of the opposite sex to make friends in PhD students in Tsinghua

In the questionnaire, we also investigated which reasons are the most attractive to the opposite sex. As Figure 5 shows, For PhD students in Tsinghua, the core values are the most attractive reason for the opposite sex. The good first impression and talent were the second and third attractive reasons respectively. Whether the other is rich is not a common consideration. This phenomenon is consistent with the survey results on the reasons for rejecting the pursuit of the opposite sex in this questionnaire.

Perhaps the following two reasons can explain this phenomenon. One reason may be that the students are young and their hope for life is still ideal. The other one may be that the students think they have the ability to make money. They do not concern a lot about financial issues. Because many PhD students at Tsinghua University are recommended by undergraduate students, they are also very excellent students [8-10].

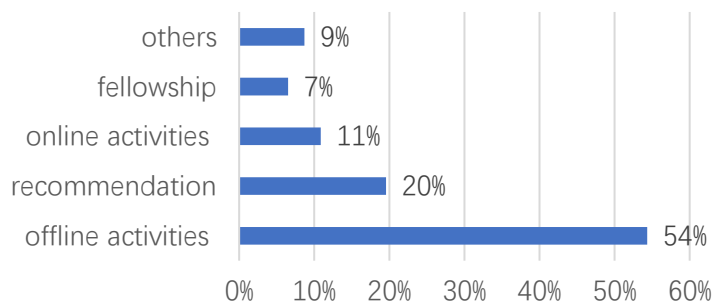


Figure 6. The way of making friends among PhD students at Tsinghua

Figure 6 shows the survey results about which way the PhD students in Tsinghua prefer to expand their circle of friends. This question is a single-choice question, and there are five options: offline activities, recommendations, online activities, fellowship, and others. We can find that PhD students in Tsinghua prefer to make friends in offline activities rather than in targeted fellowship and in online activities. Among them, female participants were more inclined to make friends offline than boys. But we need to remind these students, who like making friends online, to distinguish between what is true and what is false.

In recent years, the Internet is becoming more and more popular, especially the mobile network and online fraud is becoming more and more rampant. We should be alert to the Shazhupan (Butcher pan), an online fraud method, it is a common name used by fraud gangs for online fraud of dating, marriage, and love. Fraudsters use the Internet to make friends and induce victims to invest in gambling. Many people have been cheated. I also heard that some students in Tsinghua were cheated.

It is also a favorite way for students to make new friends through friends' recommendations. Maybe people think it's easier to succeed and more reliable (Figure 7).

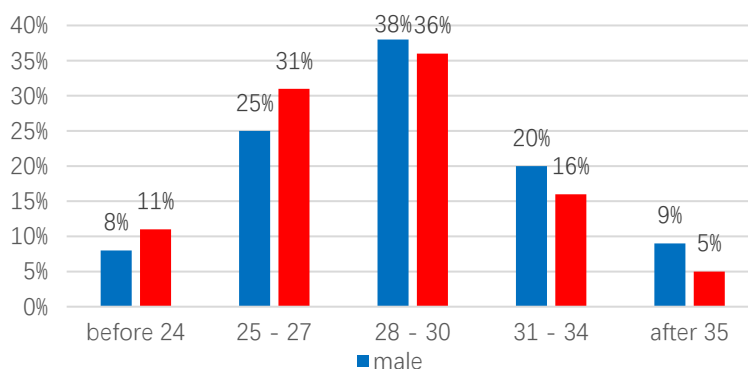


Figure 7. The Age of anxiety in PhD students in Tsinghua

For those who are single, the anxiety period of females is earlier than that of males. This phenomenon is consistent with the expected situation. The causes of anxiety include the parents' urging for marriage, birth pressure, etc. Females face more pressure and are more likely to find a partner to rely on, through love and marriage (Figure 8).

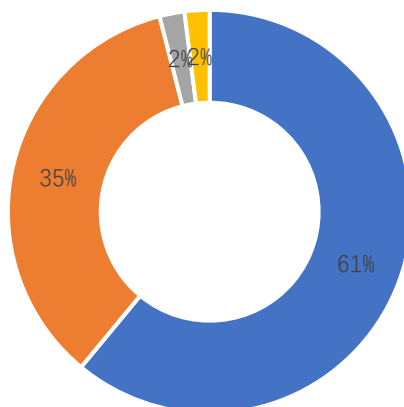


Figure 8. Whether love should be aimed at marriage

About whether love should be aimed at marriage, more than 60% of students choose yes, and about 34% of students choose not necessarily. There are also a small number of students who hold different views. I think that the students who choose the option of not necessarily may be younger, and they still have enough time. They have no marital pressure. But for some students, time is not rich (Figure 9).



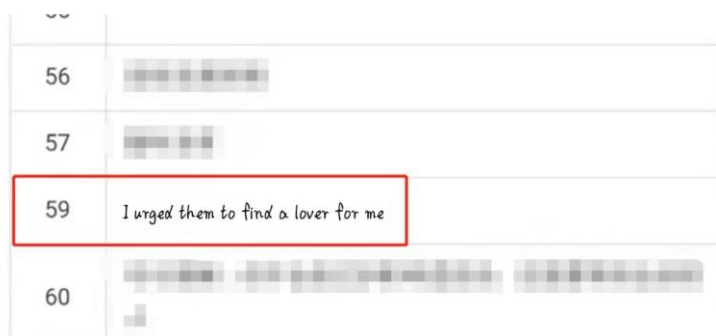
Figure 9. The attitudes toward online dating

We have an open-ended question, to investigate the subjects' attitudes toward online dating. Online dating is a very common and convenient way of making friends. It can be seen from the picture that most students are vigilant in making friends online. A small number of people expressed understanding and thought it was a good way (Figure 10).



Figure 10. The attitudes towards blind dating

The second open-ended question investigated the subjects' attitudes toward blind dating. We can see that most people hold an understanding attitude towards blind dates and say they can try. A few people said it was unnecessary, and a few said it was still early. This is also because students are too young (Figure 11).



56	[blurred]
57	[blurred]
59	I urged them to find a lover for me
60	[blurred]

Figure 11. A interesting answer to the question of the attitudes of urge married

About the urge married, most of the subjects' expressed understanding. Here is a very interesting answer. A female participant said: not they urge me, but I urged them to look for a partner to marry for me.

4. Conclusion

In Summary, the PhD students at Tsinghua pay more attention to core values and first impressions. Whether the others have money is not the main consideration. Students are more willing to participate in offline activities to expand their circle of friends. They also have a positive attitude towards love and marriage.

There are some suggestions for students in need. Firstly, take care of your appearance so you can get a good first impression. Secondly, participate in offline activities so you can get more opportunities. Thirdly Show the core values as early as possible, don't waste your time. if you don't want to compromise, please change to the next one.

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