1.Project Background

The fuse of this project is the attack happened in He Yi Hotel. On April 3, 2016, when Wanwan checked into the hotel, she was tracked by a strange man. After a while, the strange man grabbed and tear at her hair. The woman was screaming and asking for help, but the staff of the hotel did not stop it. Gradually, the increasing number of individuals surrounded and watched, Wanwan was saved by a female customer, and the unknown man fled. Afterwards, foreigners posted a small section of the video for such scandal, "when you do something, you are helping her. When you do nothing, you are helping him." After watching the video, we are feeling a mixture of things, thus, we start our project.

Our project is divided into two parts, the first part is the statistical analysis of woman attack incidents of 2014, 2015 and 2016; the second part is the statistical analysis of the questionnaire of social apathy problems.

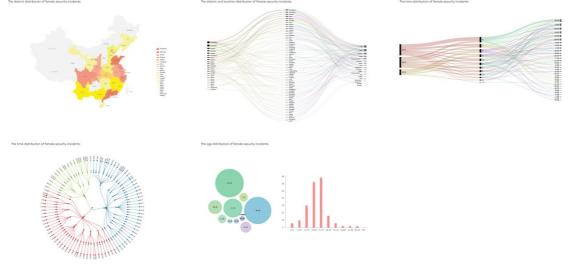
2. Basic Situation Investigation

2.1 Data Collection

After determining the subject, we started to collect data. The main methods of searching information is watching news broadcasting and reading the news on the Internet. In the recent years, the incidents of women attack occur frequently, therefore, we searched the news reports since 2014. For 2016, the deadline of the news we searched is May 10. We collected 40 news reports each in 2014 and 2015, 20 reports in 2016, 100 news reports data in total. In the process of collecting data, we encountered many problems and resulted in numerous questions. For example, whether the rough data collection is fair. The conclusion is that we did not gather information deliberately, so the data can accurately reflect in the commonality of these incidents. Some news is lack of information and one-sided, even the authenticity of news is suspicious, so we have filtered this data. Therefore, the 100 data can be referenced meaningfully.

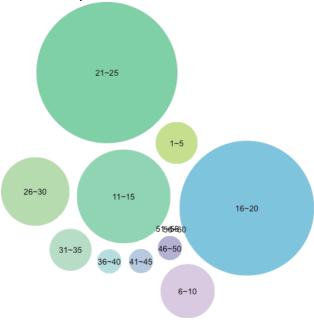
2.2 Data Visualization

We mainly focus on three aspects: age, location and time. In the beginning, we generated graphics via data visualization website like raw and excel. In later period, we adjusted color and layout via software in order to achieve the best display effect.



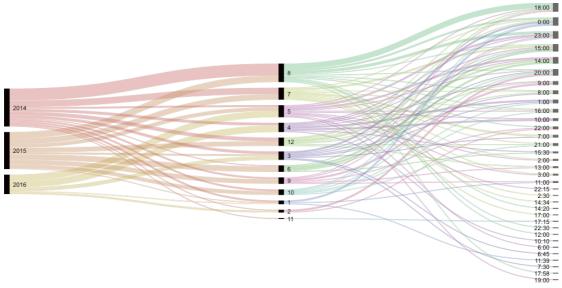
2.2.1Age

The display of age is simple, which can deliver information directly. The picture shows that the 16-25 year-old woman was attacked in a higher incidence. The other information is that the number of child victims is higher than in older women. In the 100 data we collected, there is no case in the age over 50, therefore, older women are relatively safe.



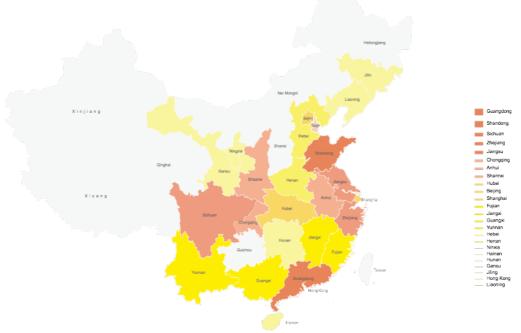
2.2.2 Time

In the data we collected, we believe that the core of the time are the year, month, and the time of a day. Thus, we made this graphic. The first image shows that the time general view of all incidents, the equivalent of the original data show. The second picture displays that, in the past three years, summer (July and August) is a high time that the incidents occurs. To analyze deeply, there are two main reasons. First is the increasing of outdoor activities, and women spend more time going out, especially at night. Secondly, in summer, women dress less, which will easily cause infringement. In contrast, there are few cases during winter time of November, January and February. For the time of a day, from afternoon to the wee hours is the high incidence period. The reason is that criminals will not be easily found in rush hour after working and night time.



2.2.3 Location

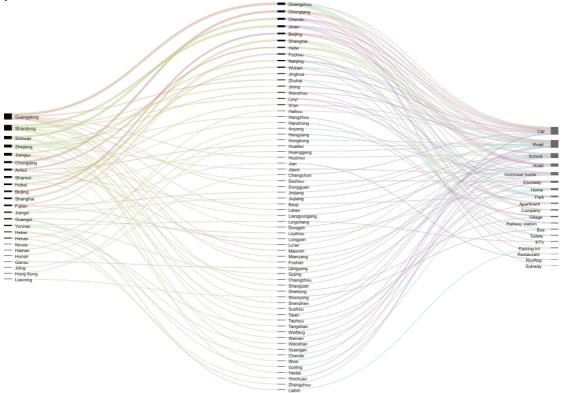
We show the number of cases in different provinces by the national heat map. (Due to less data samples, and lack of sources of information, so the map can only represent the general situation. The map illustrated that Guangdong and Shandong provinces are most cases occur. Coastal East China, Pearl River Delta and Cheng-Yu area are the high incidence rate area where the population is the most concentrated areas, and there are more than one hundred million people live in Guangdong and Shandong. In general, the probability of the northwestern provinces is low because these areas are sparsely populated. The map shows blow.



The picture blow shows that the link of provinces, cities and locations. Meanwhile, it also demonstrates the high probability of these three locations. In the cities, Guangzhou, Chongqing, Chengdu and Jinan are the top four of these cities, which have something in common is that they have a large floating population, urban and rural population exchange and more complex security situation. These factors cause the high probability. And in the specific location, taxi, road, schools and hotels are

more dangerous area, of course, different areas have different situation, via corresponding cities and particular address, we need to understand the specific circumstances of the particular case. these can only convey a general concept. The

picture shows blow.



3. Questionnaire

3.1 The Content of Questionnaire

We are surprised about the data we gather from the research. During the process of collecting data, we felt that the world is full of danger. we are beginning to search for pepper spray via Taobao, and to search the method of making homemade chili water. We can't help but to consider why there are so many women attacked incidents occurred, why there are so many onlookers, but few people are willing to help others. When we encounter such attacks, how to protect ourselves? how to persuade passers-by to help us? With these questions, we designed a questionnaire. The main topics of the questionnaire is set by a scene: a man pull a woman out in a public place.

针对女性安全问题调查报告 8. 当女性做出什么行为动作会争取到你的持续关注和帮助 [多选题] [必答题] ○ □ 文任政由 「公刊为功 「 □ 抢夺你的手机或者财物 □ 破坏公共쒟品 □ 大哭大闹在地上打滚 □ 撕扯衣物大喊非礼 1. 您的性别: [单选题][必答题] 2. 您的年龄段: [单选题][必答题] 9. 当你确定被拉扯的女性确实在遭遇袭击,你会采取什么态度或者行为[多选题][必答题])18以下 ○18~25 ○26~30 ○31~40 ○41~50 ○51~60 ○60以上 □ 报警 □ 挺身而出 □ 拍下视频微博朋友圖求救 3. (女性回答) 你经常会独自外出吗[单选题][必答题] □ 继续观察一下 □ 事不关己高高挂起 □ 其他 _____ 10. 当一个人选择对这种袭击事件无动于衷的时候, 你觉得他是出于什么理由? [多选糖] (必答题) □ 对扩入多势众, 打不过 □ 害怕自己也能牵扯进去 □ 等价据用报复 4. (女性回答) 您经常会携带防护工具出门吗[单选题][必答题] □ 事不关己高高挂起 □ 其他 _____ 5. 你之前有关注过近期的和颐酒店女性受袭件吗[单选题][必答题] 11. 你认为造成女性受袭事件频发的原因是? [多选题][必答题] ○ 丁解吐 ○ 看过标题,没有深入了解 ○ 不清楚 □ 社会风气不正,心怀不轨的人太多 6. 假如你在公共场所看到一男一女在拉扯,你觉得他们的关系是? [单选题][必答题] 12. 接二连三的女性遇袭事件的发生,会不会让你觉得世界很不美好,生命安全随时受到威胁? [单连题][必答题] 7. 当被拉扯的女性对你说出什么话时会引起你的关注? [多选题][必答题] □ "救命啊" □ "我根本就不认识他" □ "求求你帮我报警" □ "非礼啊" □ 其他

The questionnaire contains four parts:

- 1) The basic information of sample group: Gender, Age.
- 2) The reasons that women are easily attacked: (only for women)Are you often go out alone? (only for women)Are you often take with protective tools with you? what do you think of the causes of the attacks? (multiple choice)

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- 3) Social Apathy: Have you heard of the attacks happened in Heyi Hotel in Beijing? What do you think of their relationship if a man is pulling a woman in the public place? What does the woman say will attract you attention?(multiple choice) What does the woman do will attract you attention?(multiple choice) What will you do if the woman is been attacked?(multiple choice) Why some people keep apathy about the attacks?(multiple choice)
- 4) The social influences of the frequent women attack incidents: Will the attacks make you feel that the world is not kind any more?

The question we concerned the most is social apathy. When making the problem set, we try our best to avoid some overly direct query modes. For example, if you encounter a similar incident female attack, will you help her? Most people have this problem are willing to help because of various reasons, but such data does not make any sense to us. So when we set up problems, we also make numerous discussions and studies to finalize the template.

3.2 Questionnaire Data Collection

We mainly distribute questionnaires via Wechat platform. Till now, we received 135 samples in total.

	提交答卷时间	所用时间	来自P	来源	来源详情
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3	2016/5/10 16:21:17		140.206.255.68(上海-上海)	手机提交	微信
4	2016/5/10 16:22:23	69秒	221.181.104.200(上海-上海)	手机提交	微信
5	2016/5/10 16:23:09	109秒	180.161.3.192(上海-上海)	手机提交	微信
6	2016/5/10 16:25:41	140秒	122.224.15.30(浙江-绍兴)	手机提交	微信
7	2016/5/10 16:27:52		222.66.175.137(上海-上海)	手机提交	直接访问
8	2016/5/10 16:41:18	71秒	58.221.88.42(江苏-南通)	手机提交	微信
9	2016/5/10 16:41:38	99秒	221.181.104.200(上海-上海)	手机提交	微信
10	2016/5/10 16:42:15	141秒	112.65.190.71(上海-上海)	手机提交	微信
11	2016/5/10 16:43:01	101秒	221.181.104.200(上海-上海)	手机提交	微信
12	2016/5/10 16:43:52	113秒	223.104.3.205(北京-北京)	手机提交	微信
13	2016/5/10 16:44:28	62秒	117.136.68.80(江苏-常州)	手机提交	微信
14	2016/5/10 16:44:53	85秒	180.161.179.88(上海-上海)	手机提交	微信
15	2016/5/10 16:44:58	216秒	222.66.175.240(上海-上海)	手机提交	微信
7 16	2016/5/10 16:45:14		58.221.13.18(江苏-南通)	手机提交	微信
1 7	2016/5/10 16:45:29		101.90.255.157(上海-上海)	手机提交	微信
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29	2016/5/10 17:08:19	77秒		手机提交	微信
30		143秒	221.181.104.200(上海-上海)	手机提交	微信
		79秒	122.84.244.244(上海-上海)	手机提交	微信
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34	2016/5/10 17:21:09	173秒	165.125.180.9(国外-美国)	手机提交	直接访问
35	2016/5/10 17:23:52		223.104.5.229(上海-上海)	手机提交	微信
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38	2016/5/10 17:27:14		101.81.154.72(上海-上海)	手机提交	微信
39	2016/5/10 17:29:27		180.160.22.8(上海-上海)	手机提交	微信
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42	2016/5/10 17:32:15	120秒	223.104.27.93(甘肃-兰州)	手机提交	微信
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49	2016/5/10 18:07:16	106秒	180.161.176.170(上海-上海)	手机提交	微信
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5 9	2016/5/10 18:49:54	107秒	89.86.7.12(国外-法国)	手机提交	微信
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63	2016/5/10 18:52:34	193秒	49.67.223.247(江苏-南通)	手机提交	微信
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66	2016/5/10 18:55:47	52秒	223.104.5.195(上海-上海)	手机提交	微信
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72	2016/5/10 19:02:46	102秒	46.193.1.114(国外-法国)	手机提交	微信
73	2016/5/10 19:17:24		117.136.88.151(湖南-未知)	手机提交	微信
74	2016/5/10 19:20:02		218.109.137.17(浙江-杭州)	手机提交	微信
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84	2016/5/10 19:49:27	102秒	222.66.175.210(上海-上海)	手机提交	微信
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86	2016/5/10 19:50:03	139秒	223.104.6.62(福建-福州)	手机提交	微信
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-		115秒 71秒	59.172.243.126(湖北-武汉) 140.207.21.229(上海-上海) 117.80.136.220(江苏-苏州)		

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94	2016/5/10 20:02:19	163秒	58.19.5.143(湖北-武汉)	手机提交	微信
95	2016/5/10 20:03:14		222 66 175 159(1)左 1)左	手机提交	微信
96		126秒	222.66.175.158(上海-上海)	手机提交	微信
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97	2016/5/10 20:07:09	144秒	117.136.46.133(江苏-南京)	手机提交	微信
98	2016/5/10 20:08:10	77秒	218.242.38.206(上海-上海)	手机提交	微信
99	2016/5/10 20:15:17	89秒	223.104.5.203(上海-上海)	手机提交	微信
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	2016/5/10 20:58:56	135秒	222.64.171.54(上海-上海)	手机提交	微信
	2016/5/10 20:59:57	153秒	183.32.185.119(广东-中山)	手机提交	微信
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	2016/5/10 21:14:07	119秒	222.244.64.43(湖南-长沙)	手机提交	微信
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115	2016/5/10 21:31:37	110秒	122.88.13.31(江苏-南京)	手机提交	微信
1 16	2016/5/10 21:38:35	115秒	222.70.94.27(上海-上海)	手机提交	微信
117	2016/5/10 21:52:14	254秒	223.146.33.222(湖南-衡阳)	手机提交	微信
118	2016/5/10 21:59:49	221秒	180.165.161.109(上海-上海)	手机提交	微信
119	2016/5/10 22:19:24	124秒	173.29.9.72(国外-美国)	手机提交	微信
120	2016/5/10 22:23:04	89秒	114.232.22.35(江苏-南通)	手机提交	微信
121	2016/5/10 22:26:02	119秒	59.172.176.70(湖北-武汉)	手机提交	微信
122	2016/5/10 22:37:05	164秒	221.181.104.200(上海-上海)	手机提交	微信
123	2016/5/10 22:45:06	260秒	114.80.12.45(上海-上海)	手机提交	微信
124	2016/5/10 23:12:36	193秒	171.82.137.97(湖北-武汉)	手机提交	微信
125	2016/5/10 23:17:26	167秒	117.136.39.222(广东-广州)	手机提交	微信
126	2016/5/11 0:23:21	107秒	175.9.83.63(湖南-长沙)	手机提交	微信
	2016/5/11 10:39:42	296秒	101.81.1.20(上海-上海)	手机提交	微信
128	2016/5/11 10:41:23	21秒	101.81.1.20(上海-上海)	手机提交	微信
	2016/5/11 13:03:12	122秒	120.195.147.5(江苏-连云港)	手机提交	微信
130	2016/5/11 15:11:19	179秒	211.138.250.166(广西-南宁)	手机提交	直接访问
	2016/5/11 18:28:18	80秒	222.66.175.206(上海-上海)	手机提交	微信
	2016/5/11 22:44:20	259秒	114.86.176.87(上海-上海)	手机提交	微信
	2016/5/12 8:44:03	93秒	114.232.21.96(江苏-南通)	手机提交	微信
	2016/5/12 13:46:51	73秒	117.136.75.122(福建-未知)	手机提交	微信
	2016/5/12 19:12:08	123秒	004 404 404 0004	手机提交	微信
.55		U	(上, 上, 4)	1 7111/6/	אַען

3.3 The Questionnaire Data Statistics Analysis

The following are automatically analysis and statistics of returned questionnaires by Wen Juan Xing .

针对女性安全问题调查报告一自定义查询

作者: Women Security 小组 时间: 2016 年 5 月 15 日

调查背景: 参考资料

调查方法: 数据分析方法

开始时间: 2016-5-10 结束时间: 2016-5-15

原始數据来源: http://www.sojump.com/report/8183441.aspx?qc=

本报告分析内容: 自定	义查询
本报告样本筛选规则:	
本报告包含样本数量:	135 份

数据与分析: 第1題 您的性别: [单选题]

选項	小计	比例
男	40	29.63%
女	95	70.37%
本題有效填写人次	135	

第2題 您的年齡段: [单选歷]

选項	小计	比例
18以下	3	2.22%
18~25	101	74.81%

第1页共5页

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选項	小针	比例
了解过	105	77.78%
看过标题,没有深入了解	24	17.78%
不清楚	6	4.44%
本題有效填写人次	135	

第6題 假如你在公共场所看到一男一女在拉扯,你觉得他们的关系是? [单选题]

选项	小计	比例
情侣	82	60.74%
夫妻	4	2.96%
陌生人	9	6.67%
其他	40	29.63%
本題有效填写人次	135	

第7 题 当被拉扯的女性对你说出什么话时会引起你的关注? [多选题]

选項	小计	比例
"救命啊"	88	65.19%
"我根本就不认识他"	94	69.63%
"求求你帮我报警"	114	84.44%
"非礼啊"	68	50.37%
其他	12	8.89%
本题有效填写人次	135	

本題有效填写人次	135	
60 以上	1	0.74%
51~60	2	1.48%
41~50	7	5.19%
31~40	7	5.19%
26~30	14	10.37%

第3題 (女性回答)你经常会独自外出吗 [单选题]

选項	小计	比例
经常	46	34.07%
有时	64	47.41%
很少	25	18.52%
本題有效填写人次	135	

第4題 (女性回答)您经常会携带防护工具出门吗 [单选题]

选項	小计	比例
不会	108	80%
偶尔	7	5.19%
視情况而定	8	5.93%
经常会	3	2.22%
其他	9	6.67%
本題有效填写人次	135	

第5題 你之前有关注过近期的和頤酒店女性受袭件吗 [单选题]

第2页共5页

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第8題 当女性做出什么行为动作会争取到你的持续关注和帮助 [多选题]

选项	小计	比例
抢夺你的手机或者财物	101	74.81%
破坏公共物品	69	51.11%
大哭大闹在地上打滚	61	45.19%
撕扯衣物大喊非礼	68	50.37%
其他	17	12.59%
本題有效填写人次	135	

第 9 題 当你确定被拉扯的女性确实在遭遇袭击,你会采取什么态度或者行为 [多选题]

选项	小计	比例
报警	127	94.07%
挺身而出	41	30.37%
拍下视频微博朋友圈求救	23	17.04%
继续观察一下	48	35.56%
事不关己高高挂起	4	2.96%
其他	12	8.89%
本題有效填写人次	135	

第 10 题 当一个人选择对这种袭击事件无动于衷的时候,你觉得他是出于什么理由? [多选题]

选项	小计	比例
对方人多势众,打不过	69	51.11%
害怕自己也被牵扯进去	105	77.78%
害怕后期报复	85	62.96%

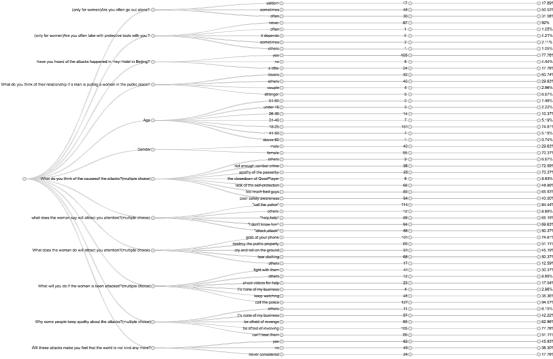
第 3 页 共 5 页 Powered by 问卷星™

第4页共5页

Powered by 问卷星™

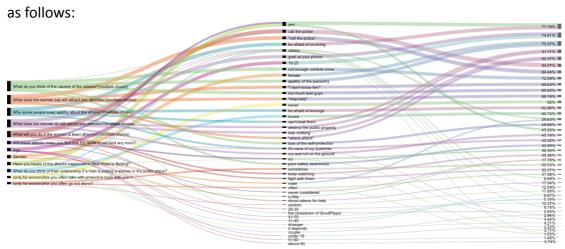
11 135 135	8.159
[因是? [多	
	远題]
小针	比例
54	40%
89	65.93
66	48.89
8	5.939
95	70.37
98	72.59
9	6.679
135	
,会不会让你	· 觉得世界很不美好,生命安全随
	比例
,会不会让你 小计	比例
, 会不会让你 小計 62	比例 45.93
	54 89 66 8 95

At the same time, we disposal the sample data, and analyze the data via raw software. In this process, we carried out processing the data several times by excel. Due to numerous options, it brings more difficulties. After numerous attempts, finally, we sort out the appropriate processing data distribution table. We made basic chart statistical questionnaires analysis by using raw as the following:

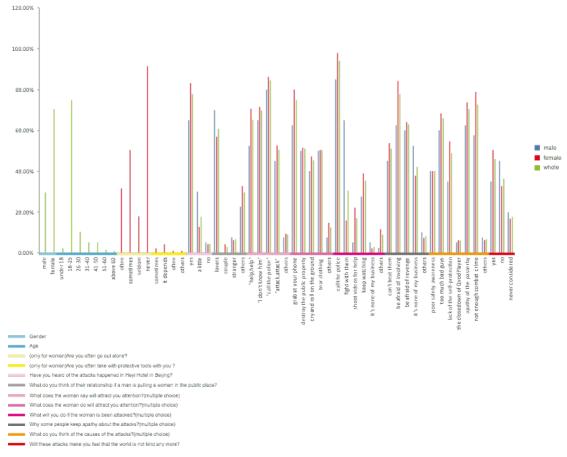


the picture can not only show the problems and options clearly, but also can clearly show the number and percentage of each option selected.

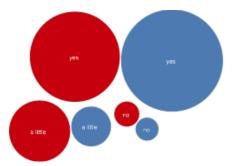
At the same time, we also generated renderings of questionnaire statistical analysis,



In the questionnaire cross-over analysis, we found that men and women have different attitudes when they deal with the questionnaires. For example, for the attention of the Heyi hotel incident, the proportion of women is much higher than men. Therefore, we conducted a systemative cross-over analysis for the questionnaires. the main purpose is to analyze different views of men and women on the problem, as shown below:

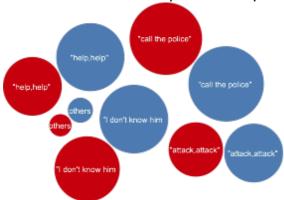


Back to the six questions of social apathy which we most concerned, shown as follw: Have you heard of the attacks happened in Heyi Hotel in Beijing?



The figure shows that both men and women pay a lot of attentions to the Heyi hotel incident. few people do not understand the matter, which indicated that people attached great importance to such incidents.

What does the woman say will attract you attention?



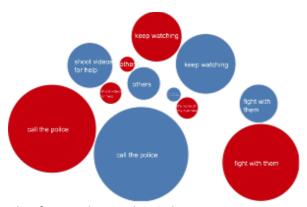
The figure shows that when the attacked women send a distress signal correctly, such as" Please help me to call the police." "I do not know him." Men and women are willing to help them. Meanwhile, women can keep in mind these points, when an accident occurs, you can get help from passers-by better.



What does the woman do will attract you attention?

The figure shows that when women snatch phones of passers are more likely to attract the attention of passers-by, additionally, tearing clothes shouting indecent assault, crying and rolling on the ground are very effective to attract passers attentions. when successfully attracting increasing more onlookers, the possibility of obtaining assistance will also be increased.

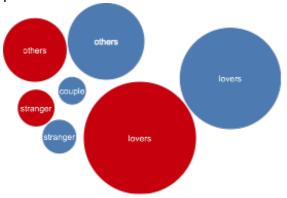
What will you do if the woman is been attacked?



The figure shows that when you see women are under attack, most people would choose to call the police, and a higher proportion of men will choose to confront directly with the bad guys. Due to the weak force, and to protect themselves, the majority would not choose confront directly with the bad guys. Few people will think that it is not their business.

For the analysis of above four questions can be drawn, the whole social culture is good, most people will help someone who is attacked by bad guys. While we are feeling happy with the result, we are also thinking that why there are so many indifferent passers-by, why numerous people do not want help the women who are under attack. Therefore, we need to analyze the following questions seperately.

What do you think of their relationship if a man is pulling a woman in the public place?



The figure shows that, when a man pull a woman out in a public place, most people, both men and women believe they should be couples quarrel, few people would think that this woman is being attacked, we look at the proportion of fairly high "others" option, and more is said to be based on the specific content of speech to determine.

Why some people keep apathy about the attacks?



The figure shows that the reason people to remain silent, a higher proportion are afraid of being implicated and fear of retaliation. There are some people who think they cannot win on the strength, but also a considerable number of people they have nothing to do with this.

From the analysis of these six questions, we can know that people are willing to help a woman who is being attacked morally, but for various reasons, such as errors of judgment on the situation at that time, think they are couple quarrel, and remain silent because they want to protect themselves.

4. Conclusion

Women security problems have attracted increasing more attentions, when it occurs it will trigger the condemnation of all walks of life, security alarm still knock does not ring, the violence continues to spread, which reveals Chinese society "cold" crisis. We hope to establish the relevance of women security problems and social apathy, by collecting data from age, time and place of the past three years and collecting data of women attacked incidents, and data collected from the research community for its apathy visualization. By visualizing, we hope to raise awareness of women's safety issues.

By studying this course, we are confused at first, gradually, we clearly know how to visualize the collected data. in the process, data visualization is not simple as a pie chart or bar graph, the difficulties in the design process is the original data collection and sort them. In the beginning, from the researching to the data collecting, we feel about the importance of enthusiasm and team spirit. When the teacher assigned task, we did not do enough, and the enthusiasm is not high. We did not understand what is data visualization, and some deviation of early data collection, which affected the progress of the latter part of the project. In this regard, we believe that it is necessary to increase the motivation. After class, we started to reflect, and recollected data, to make sure the data is real and effective. After that, we use some software tools for data visualization. During the design, to make sure that the concept of thinking, aesthetic and functional needs of the three forms of unity. Visual and data have to establish on science, clear delivery and the communication of information.

We believe that the design is to solve the problem instead of expanding problems. although we still have many shortcomings, but we will continue to improve our work. Thanks for your support and guidance.