

## BACKGROUND

- In today's society, different age groups seem to think and behave differently. Generational differences have influenced many controversial opinions that are discussed today. These topics are debated not only through social media and in debate classes, but even in the Supreme Court.
- Not much research has been conducted on generational differences, but in the studies which have been conducted, it has been concluded that there are substantial differences that exist between generations. Also, in the limited amount of research that has been conducted, the sample was relatively small and concentrated in the same geographical area, making the survey incomprehensive.
- In order to understand these differences and where the opinions of generations differ, we developed an online survey about people's opinions on controversial issues debated about in modern society.

## HYPOTHESIS

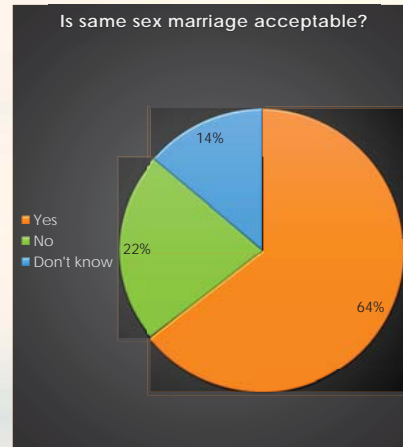
H0: There is no statistically significant difference between different generations' opinions on sex before marriage.  
H1: There is a statistically significant difference between different generations' opinions on sex before marriage.

H0: There is no significantly significant difference between different generations' opinions on same sex marriage.  
H1: There is a statistically significant difference between different generations' opinions on same sex marriage.

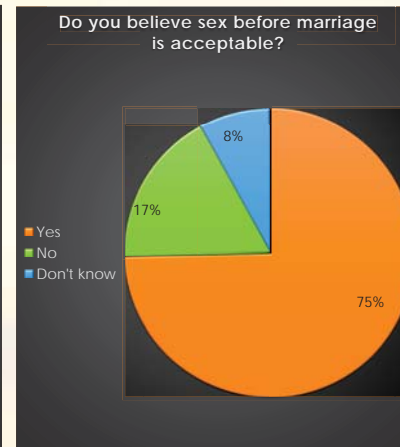
## Data and Methodology

- We created an online 16 question survey and used Amazon Turk to distribute the survey to people across the US and collect the data.
- We received 494 complete responses from people of a variety of different ages and used IBM's Statistical Package for the Social Sciences (SPSS) to analyze the data.

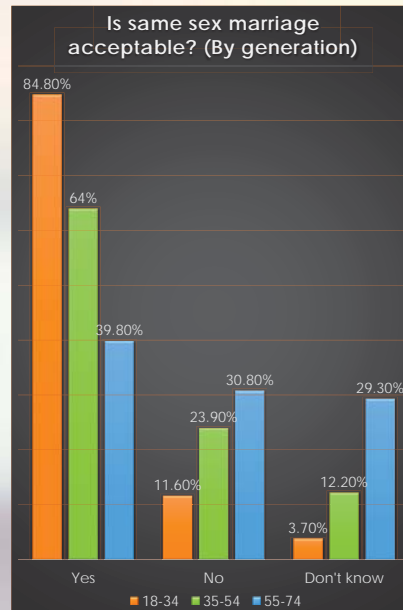
## Graphs



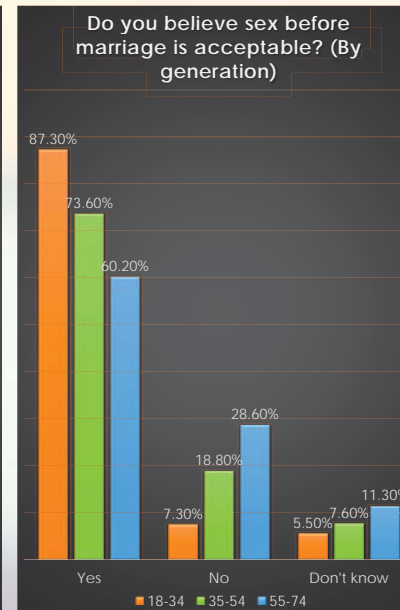
Graph 1



Graph 3



Graph 2



Graph 4

## Results and Discussion

- Based on our results, 84.8% of the age 18-34, 64% of the age group 35-54, and 39.8% of the age group 55-74 think that same sex marriage is acceptable (see graph 2).
- Thus, there is a statistically significant difference between generations and their opinions on same sex marriage, where  $\chi^2(4, n=494) = 71.7, p < 0.01$ . This is a moderate association where  $\Phi = .381$ .
- Based on our results, 87.3% of the age 18-34, 73.6% of the age group 35-54, and 60.2% of the age group 55-74 think that sex before marriage is acceptable (see graph 4).
- Thus, there is a statistically significant difference between generations and opinions on sex before marriage, where  $\chi^2(4, n=494) = 29.8, p < 0.01$ . This is a moderate association where  $\Phi = .249$ .
- We found that there are statistically significant differences between age groups and their views on social issues such as sex before marriage and same sex marriage. Our results have shown that people are beginning to move away from the more traditional values and into more liberal viewpoints.

## REFERENCES

Oh, E., & Reeves, T. C. (2013). Generational Differences and the Integration of Technology in Learning, Instruction, and Performance. *Handbook of Research on Educational Communications and Technology*, 819-828. doi:10.1007/978-1-4614-3185-5\_66