

Sex Differences in Concussion-Related Attitudes Among College Students

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Introduction

300,000 – 3.8 million concussions occur in the United States every year. Factors ranging from one's own concussion history, to socio-economic status, to whether or not you have children can influence attitudes on concussions. We sought out to determine how one's sex may play a role in influencing attitudes on concussion-related topics.

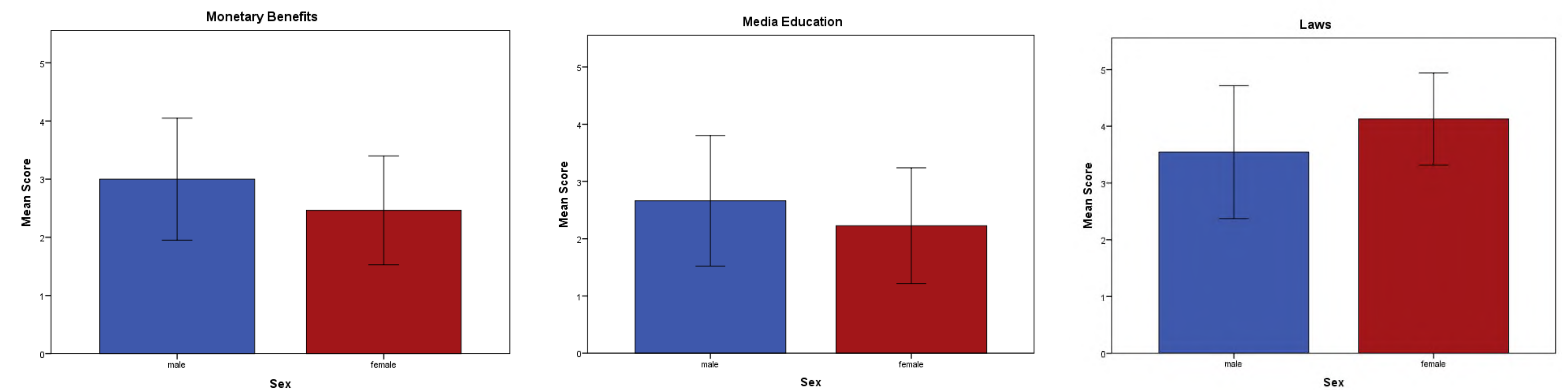
Methods

- 202 college-aged students
- 15-question survey created to assess concussion related attitudes.
- All questions answered on a 1 (strongly disagree) – 5 (strongly agree) scale.

Significant Questions

- The potential monetary benefits to playing sports outweigh the risks associated with concussions.
- I feel that the media has done a good job educating the general public.
- There should be laws created at the state level regarding concussion management of youth athletes.

Results



- Monetary Benefits: $t(200) = 3.84, p < .01$
- Media Education: $t(200) = 2.87, p < .01$
- Laws: $t(200) = -4.16, p < .01$

Discussion

The sex of the individual had an influence on concussion-related attitudes spanning multiple topics. Males believe that potential financial gain is worth the risks that come with sustaining concussions. They also feel more strongly that the media has sufficiently educated the public about these risks. Females were more likely to believe that laws should be implemented to help protect youth athletes from potential damage done by concussions.

References

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