

The Bully or The Bullied: Which One Are You?

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A Real World View of Applied Math and Statistics

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## Abstract

In school the biggest problem for students is being bullied. Students get bullied due to their gender, race, or ethnicity. The main type of bullying is cyber-bullying. Cyber-bullying is when a person uses the Internet and related technology to write and post harmful things about another person. It usually involves middle school and high school students that are going through emotional and social issues.

During this research, statistical equations, hypothesis testing, and graphs will be used to compare the numbers of victims to bullies due to their gender, race or ethnicity. To tie in on how cyber-bully is so dangerous, some suicide reports would also be put in to emphasize it. While the research is being done, conclusions will be drawn on how to help stop cyber-bullying and how to decrease the amount of cyber-bullied victims and cyber-bullies.