ARIZONA STATE UNIVERSITY Facebully: Identifying Cyberbullying in Facebook* Faculty: Yasin N. Silva Student: Lisa M. Tsosie Arizona State University

Motivation

- In the past year, 1 million children were victims of cyberbullying on Facebook.
- There has not been sufficient research in identifying cyberbullying behavior in social networks and media.

Our Contribution

- Facebully is an application designed to identify a case of cyberbullying by exploiting the social media data available.
- The application is based off of a model designed for cyberbully identification that was built on previous research findings of both traditional and cyberbullying in adolescents.

Benefits

- Once Facebully is ready for deployment, it can be used, e.g., for parents to monitor their children via their social network and forewarn them if their child is a victim of online aggression.
- The model used to design the application can be modified to identify other behaviors as well, such as depression or self-destructive tendencies.

Future Work

- Finish the implementation of Facebully 1.0.
- Study mechanisms to dynamically adjust the Bullying Rank by using machine learning techniques.

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