



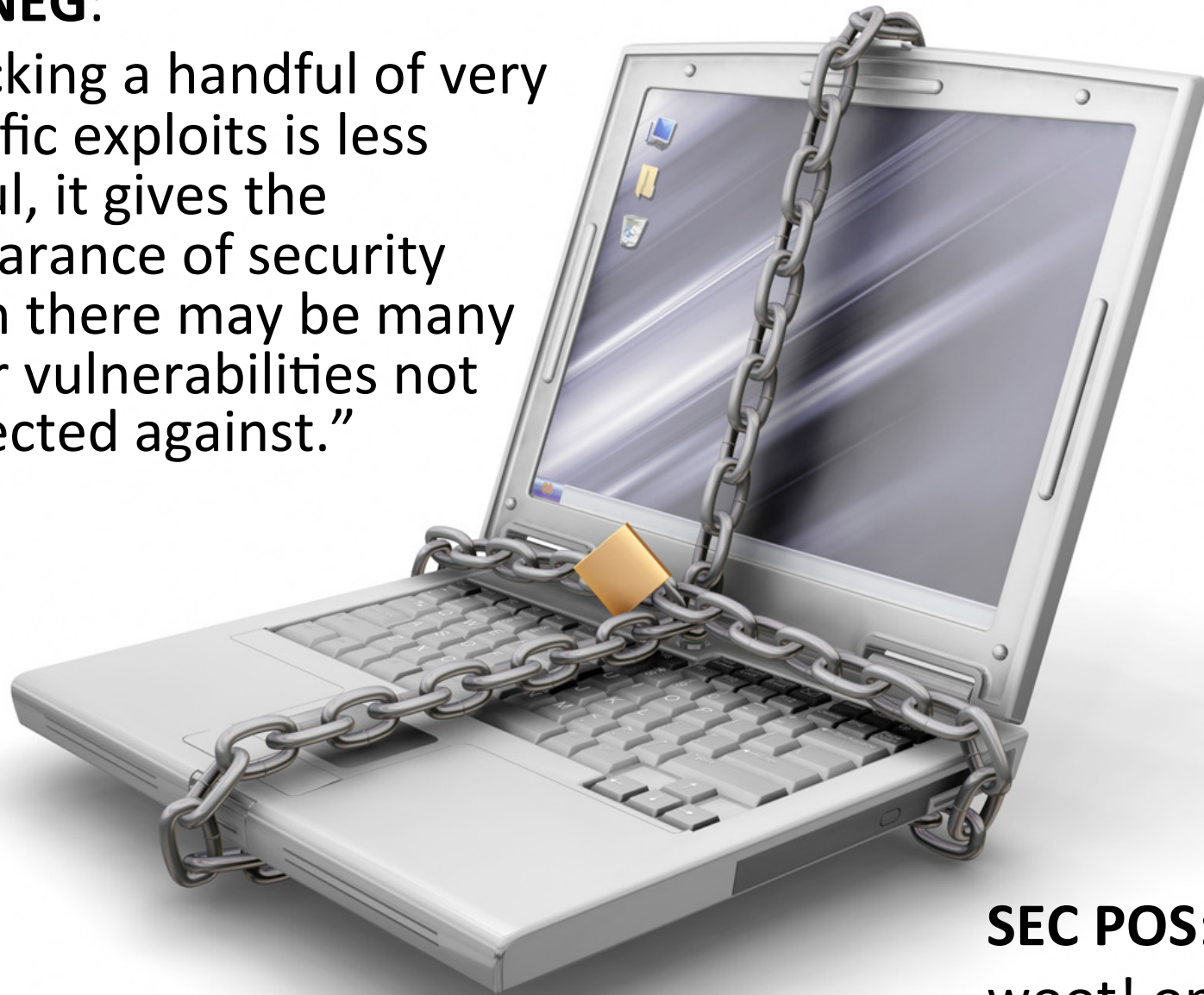
Security and Emotion: Sentiment Analysis of Security Discussions on GitHub

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SEC NEG:

“Blocking a handful of very specific exploits is less useful, it gives the appearance of security when there may be many other vulnerabilities not protected against.”

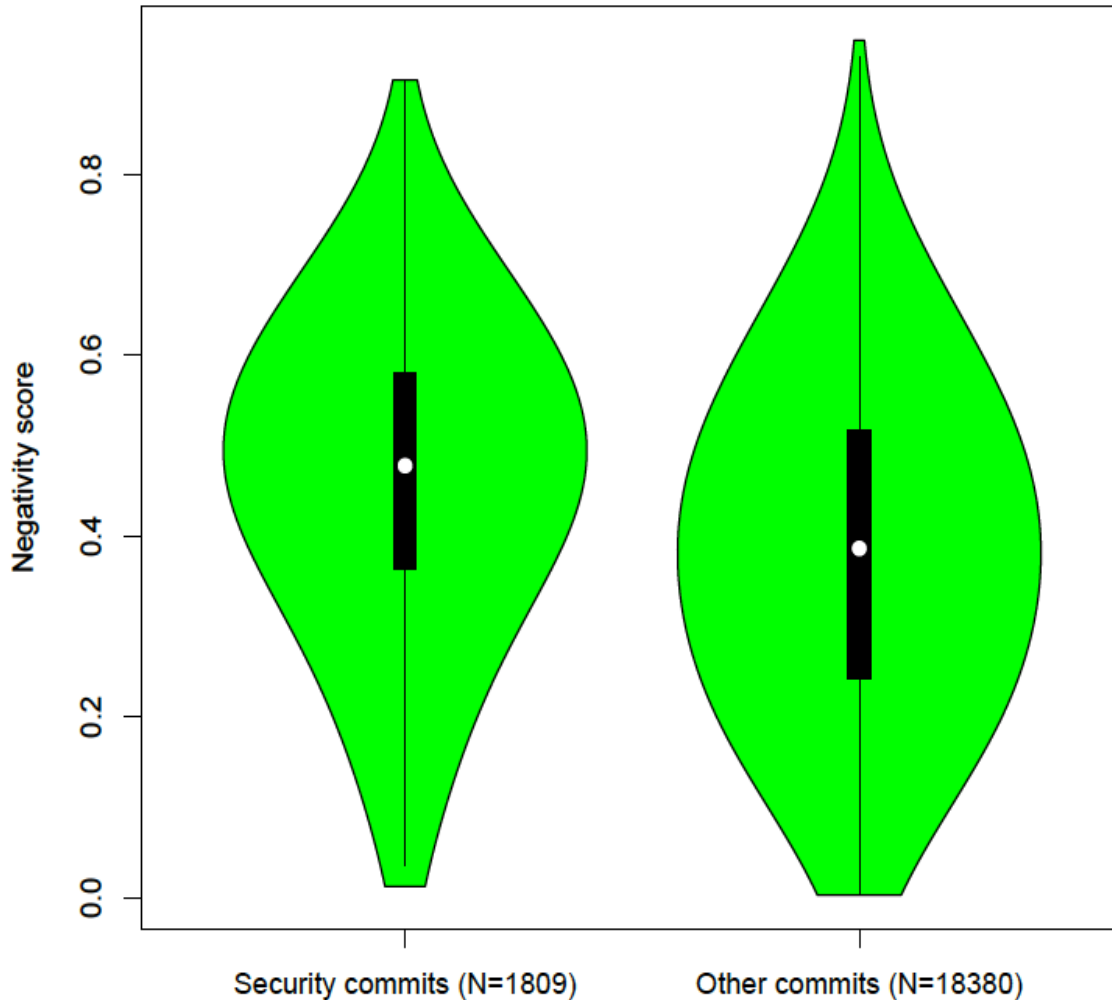


SEC POS:

woot! one more exploit gone!

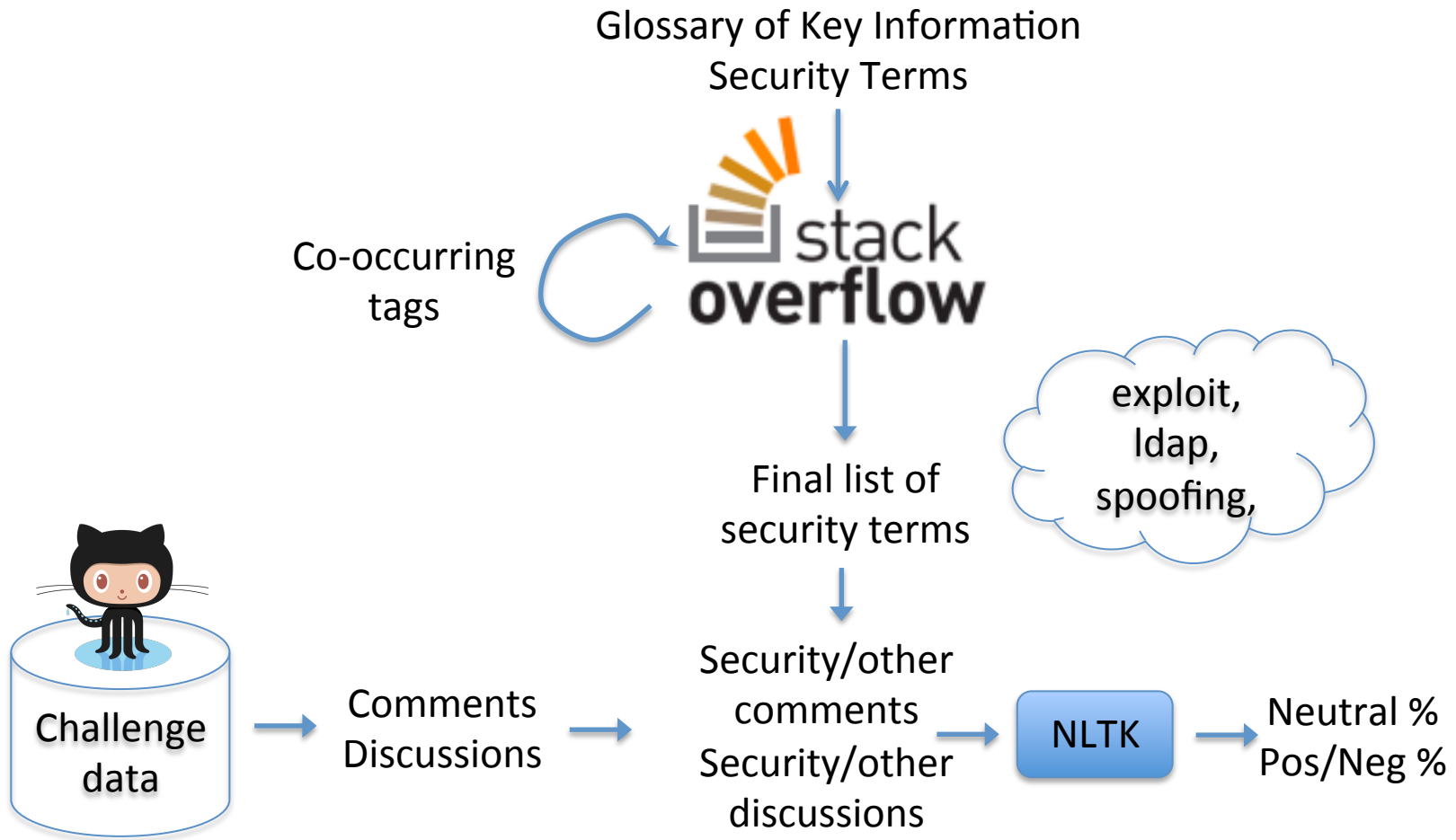
Security = more negative emotions

GitHub discussions



Similar results

- commits/pull requests
- individual comments/discussions





Challenge data \neq GitHub

Recognition of security comments/discussions
might be imperfect

NLTK was trained on movie reviews & tweets

Commit messages were cut to 256 characters



GitHub discussions

