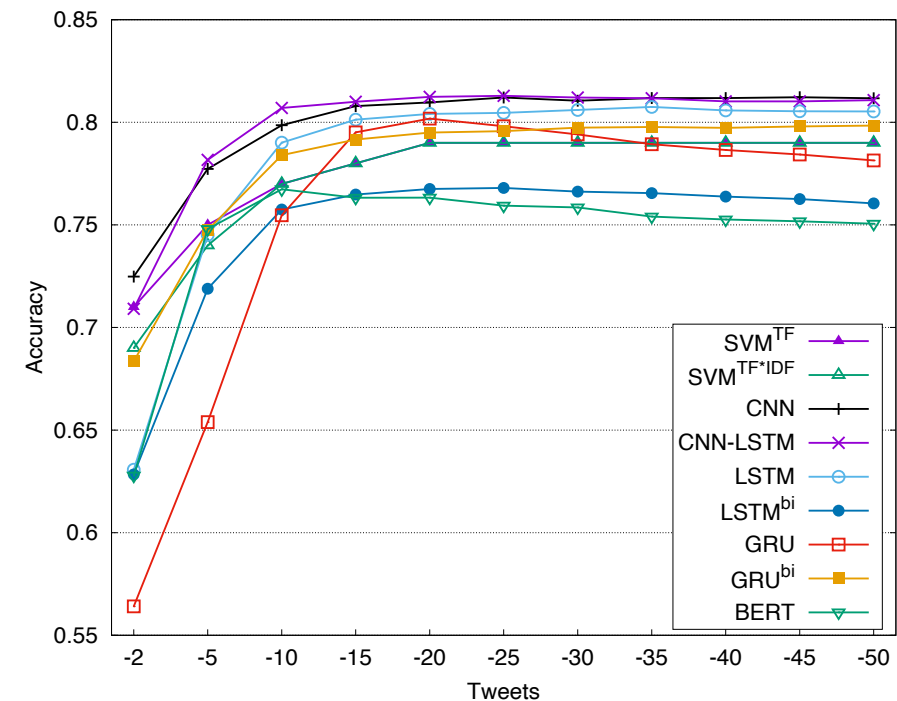# Textual Analysis and Timely Detection of Suspended Social Media Accounts

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- **PROBLEM**: Social media contains many high-risk accounts that get suspended for violating the rules of a platform (spam, offensive and explicit language, etc.)
- **GOAL**: Perform linguistic and statistical analysis into textual information of suspended accounts and study the effectiveness of various state-of-the-art ML models for prediction.

CONTRIBUTIONS

- Utilize the posting behavior of Twitter accounts, and given only the textual information of tweets, we study both the statistical and linguistic differences for suspended and regular accounts.

- We implement several state-of-the-art deep learning models to detect suspended accounts with as few tweets and as early as possible.

- Given our analysis on posting behavior, we show how insights can be incorporated into our models to significantly improve them.

Performance of different classification models for prediction of suspended accounts.