

# Towards Spatial Analysis of Opioid Abuse Using

## Twitter



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## Introduction

#### Background

- > 140+ Americans die daily of Opioid overdose (CDC)
- > Trump declared Opioid crisis a public health emergency

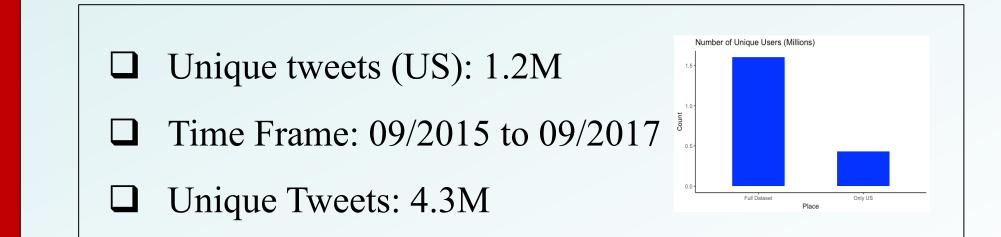
#### Motivation

> Social media provides immediate access to public opinions

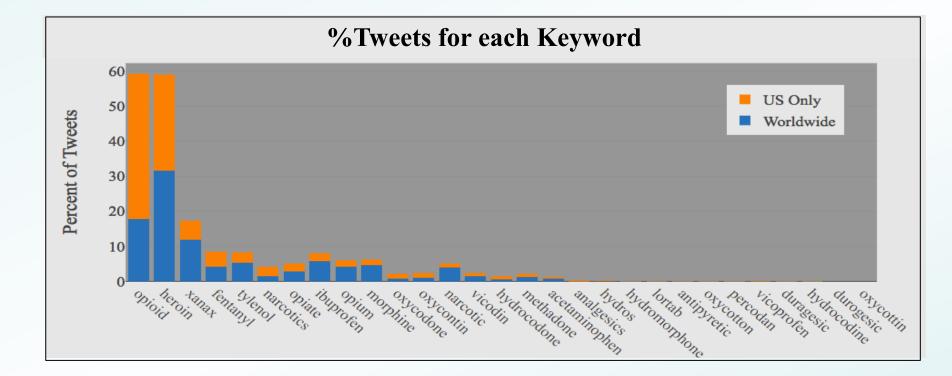
#### Goals

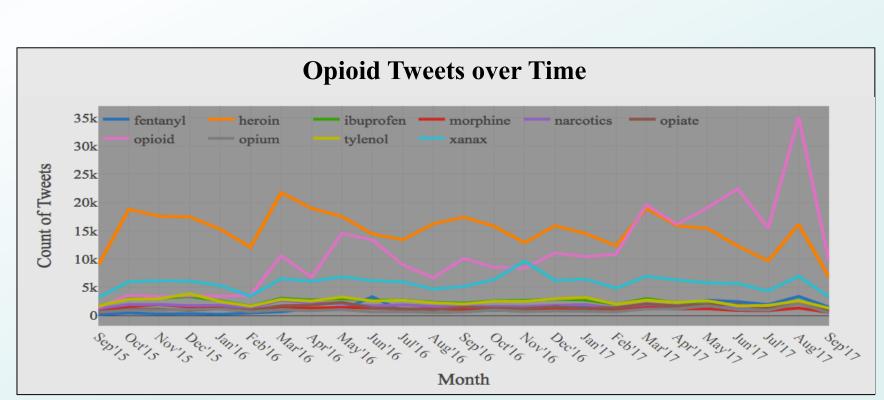
- Leverage social media to discover patterns in drug-abuse
- > Develop techniques to enable large scale public health studies

## **Exploratory Data Analysis**

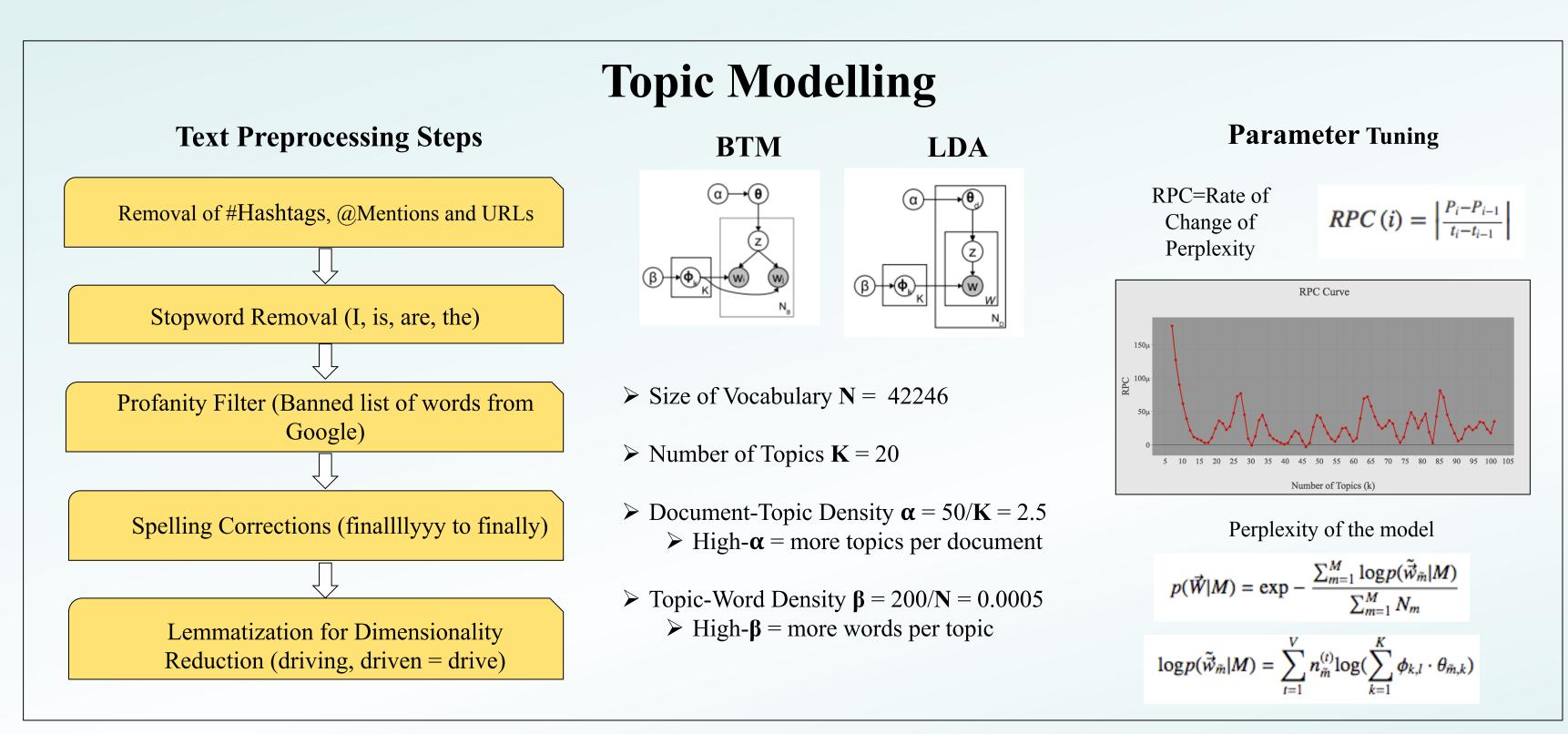


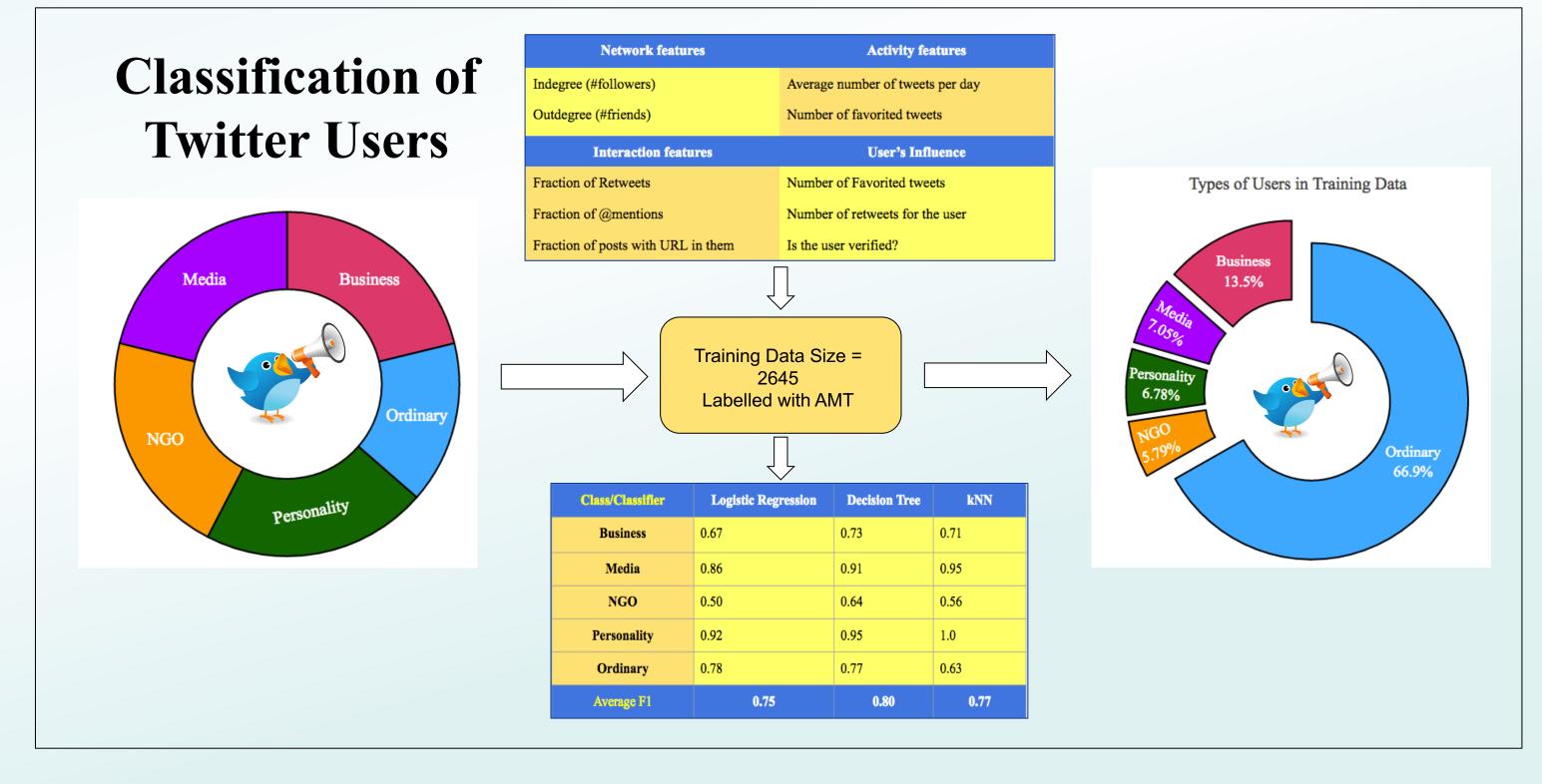






## Methods





### Results

