### SAN FRANCISCO CRIME CLASSIFICATION

### JIA HUANG

ABSTRACT. San Francisco is notorious because some of the world's most notorious criminals live on the inescapable Island of Alcatraz. Today, the city is better known for its tech scene than its criminal history. From Sunset to SOMA, Marina to Excelsior, the project analyzed crime reports from all San Francisco neighborhoods over a 12-year period, visualizing the data ina more intuitive and concise way, and creating a model that predicted the type of crime that would occur at a given time and place.

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Date: (None).

1991 Mathematics Subject Classification. Artificial Intelligence. Key words and phrases. Machine Learning, Data Mining,  $\dots$ 

The importance of the area

The problems faced by most current methods

What can be addressed by existing methods; Why those problems are challenges to existing methods?

What provides the motivation of this work? What are the research issues? What is the rationale of this work?

What we have done and what are the contributions.

Testing.

A note with no line back to the text.

GLi:

This is comment from Gang.

QWu:

Response from QW

#### 1. Introduction

The quick brown fox jumps over the lazy dog. Jackdaws love my big Sphinx of Quartz. Pack my box with five dozen liquor jugs. The five boxing wizards jump quickly. Sympathizing would fix Quaker objectives.

Many-wived Jack laughs at probes of sex quiz. Turgid saxophones blew over Mick's jazzy quaff. Playing jazz vibe chords quickly excites my wife. A large fawn jumped quickly over white zinc boxes. Exquisite farm wench gives body jolt to prize stinker.

Jack amazed a few girls by dropping the antique onyx vase! The quick brown fox jumps over the lazy dog. Jackdaws love my big Sphinx of Quartz. Pack my box with five dozen liquor jugs. The five boxing wizards jump quickly.

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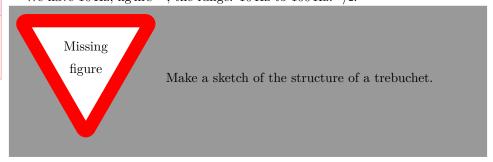
Test citation [?]. and [?] or?].

This is for table 1, and this is for section 5.

Number: 123. 10, 30, 50 and 70, 10 to 30,  $10 \,\mathrm{m}$ ,  $30 \,\mathrm{m}$  and  $45 \,\mathrm{m}$ , and  $10 \,\%$ 



We have  $10 \,\mathrm{Hz}$ ,  $\mathrm{kg} \,\mathrm{m} \,\mathrm{s}^{-1}$ , the range:  $10 \,\mathrm{Hz}$  to  $100 \,\mathrm{Hz}$ .  $^{1}/_{2}$ .



For eq. (1.1), as shown below:

$$(1.1) a = b \times \sqrt{ab}$$

The five boxing wizards jump quickly. Sympathizing would fix Quaker objectives. Many-wived Jack laughs at probes of sex quiz. Turgid saxophones blew over Mick's

(None)-(None) ((None))

2

Committed by: (None)

jazzy quaff. Playing jazz vibe chords quickly excites my wife.

$$\bar{x} = \frac{1}{n} \sum_{i=1}^{i=n} x_i = \frac{x_1 + x_2 + \dots + x_n}{n}$$

A large fawn jumped quickly over white zinc boxes. Exquisite farm wench gives body jolt to prize stinker. Jack amazed a few girls by dropping the antique onyx vase! The quick brown fox jumps over the lazy dog. Jackdaws love my big Sphinx of Quartz.

$$\int_0^\infty e^{-\alpha x^2} dx = \frac{1}{2} \sqrt{\int_{-\infty}^\infty e^{-\alpha x^2}} dx \int_{-\infty}^\infty e^{-\alpha y^2} dy = \frac{1}{2} \sqrt{\frac{\pi}{\alpha}}$$

Pack my box with five dozen liquor jugs. The five boxing wizards jump quickly. Sympathizing would fix Quaker objectives. Many-wived Jack laughs at probes of sex quiz. Turgid saxophones blew over Mick's jazzy quaff.

$$\sum_{k=0}^{\infty} a_0 q^k = \lim_{n \to \infty} \sum_{k=0}^{n} a_0 q^k = \lim_{n \to \infty} a_0 \frac{1 - q^{n+1}}{1 - q} = \frac{a_0}{1 - q}$$

Playing jazz vibe chords quickly excites my wife. A large fawn jumped quickly over white zinc boxes. Exquisite farm wench gives body jolt to prize stinker. Jack amazed a few girls by dropping the antique onyx vase! The quick brown fox jumps over the lazy dog.

$$x_{1,2} = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a} = \frac{-p \pm \sqrt{p^2 - 4q}}{2}$$

Jackdaws love my big Sphinx of Quartz. Pack my box with five dozen liquor jugs. The five boxing wizards jump quickly. Sympathizing would fix Quaker objectives. Many-wived Jack laughs at probes of sex quiz.

$$\frac{\partial^2 \Phi}{\partial x^2} + \frac{\partial^2 \Phi}{\partial y^2} + \frac{\partial^2 \Phi}{\partial z^2} = \frac{1}{c^2} \frac{\partial^2 \Phi}{\partial t^2}$$

Turgid saxophones blew over Mick's jazzy quaff. Playing jazz vibe chords quickly excites my wife. A large fawn jumped quickly over white zinc boxes. Exquisite farm wench gives body jolt to prize stinker. Jack amazed a few girls by dropping the antique onyx vase!

# 2. Preliminaries

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GLi: Gang Li has worked up to here.

## 3. Method

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- First item in a list
- Second item in a list

Table 1. Precision Comparison on Event Detection Methods

	OR Event Detection	AC Event Detection	TC Event Detection
precision	0.83	0.69	0.46
recall	0.68	0.48	0.36
F-score	0.747	0.57	0.4

- Third item in a list
- First item in a list
- Second item in a list
- Third item in a list
- Fourth item in a list
- Fifth item in a list
- (1) First item in a list
- (2) Second item in a list
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- (4) Fourth item in a list
- (5) Fifth item in a list

First: item in a list Second: item in a list Third: item in a list Fourth: item in a list Fifth: item in a list

QWu: Qiong Wu has worked up to here.

#### 4. Experiment and Analysis

#### 5. Conclusions

Jack amazed a few girls by dropping the antique onyx vase! The quick brown fox jumps over the lazy dog. Jackdaws love my big Sphinx of Quartz. Pack my box with five dozen liquor jugs. The five boxing wizards jump quickly.

#### ACKNOWLEDGMENT

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The authors would like to thank ...

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Fig	gure: Testing figcolor
Fig	gure: Make a sketch of the structure of a trebuchet
	Gang Li has worked up to here
	Qiong Wu has worked up to here

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