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Replication of de Vel (2012): Mining Email Content for Author Identification Forensics

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Abstract

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Replication of de Vel (2012): Mining Email Content for Author Identification Forensics

Introduction

In this document, I will try to document the process of replication and re-implementation of the algorithm.

Paper Description

1. Summary, Test Case and Approach
    (a) ...
        i. • xxx
           • yyy
    (b) zzz
        i. • 111
           • 222

Implementation/Operationalization

1. Features and their implementation
2. Other ideas
    (a) Comparative Approach: Test for other countries:
        i. France after Bataclan, other national disasters
            A. CEVIPOF Dataset?
            B. Other Datasets?
    (a) Meta Analysis?
        i. Include all model specifications in the regression as interacting with s.e.
            A. xx
        ii. Could we detect very small but true effects in meta analysis that would not be able to be identified in an individual study due to small effect sizes and large standard errors

(b) Lecture notes Tom Stanley

i. xx

ii. yy

Some LaTeX Examples

Sections

Use section and subsection commands to organize your document. LaTeX handles all the formatting and numbering automatically. Use ref and label commands for cross-references.

Comments

You can add inline TODO comments with the todonotes package, like this:

This is an inline comment.

References

LaTeX automatically generates a bibliography in the APA style from your .bib file. The citep command generates a formatted citation in parentheses (Lamport, 1986). The cite command generates one without parentheses. LaTeX was first discovered by Lamport (1986).

Tables and Figures

Use the table and tabular commands for basic tables — see Table 2, for example. You can upload a figure (JPEG, PNG or PDF) using the files menu. To include it in your document, use the includegraphics command as in the code for Figure 1 below.

Mathematics

LaTeX is great at typesetting mathematics. Let $X_1, X_2, \ldots, X_n$ be a sequence of independent and identically distributed random variables with $\mathrm{E}[X_i] = \mu$ and

$\text{Var}[X_i] = \sigma^2 < \infty$, and let

$$S_n = \frac{X_1 + X_2 + \cdots + X_n}{n} = \frac{1}{n}\sum_{i}^{n} X_i$$

denote their mean. Then as n approaches infinity, the random variables $\sqrt{n}(S_n - \mu)$ converge in distribution to a normal $\mathcal{N}(0, \sigma^2)$.

Lists

You can make lists with automatic numbering ...

1. Like this,
2. and like this.

... or bullet points ...

- Like this,
- and like this.

We hope you find writeLaTeX useful, and please let us know if you have any feedback using the help menu above.

References

Lamport, L. A. (1986, July). The gnats and gnus document preparation system. *G-Animal's Journal*, *41*(7), 73+.

Table 1

My caption

xx	aa	bb
yy		
ww		

Item	Quantity
Widgets	42
Gadgets	13

Table 2

An example table.

Figure 1. This is a figure caption.