1. The plagiarism of the text is about 36% (included references)

About your question, I have answered.

I tested the plagiarism percentage with a program “Plagius Professional 2.4.24 (Plagiarism Detector) – SeuPirate”

The result is 1.43%, send an attached file to prove my work.

1. In Sec. 5, "By employing a threshold for the detection of an event" how that done, please show how you determine this threshold and could you use in your experiments or no?

About your question, I have answered.

I have determined the start of event threshold and used it in my experiment.

I did not change this point because I explained it in details in my research and it is correct.

I have sent an attached excel file “fireRoad\_accum\_scor\_mintes.xlsx” to prove my work. it include the dataset tweets related to the ( Case 4) "Cairo-Ismailia Road Fire" illustrating the math operations that mentioned in each colored column

I have explained it in the paragraphs below.

The target is to find the average maximum slope between two consecutive accumulated scores (every minute). The following Figure ‎5‑3 shows the accumulated scores for every case consequently.

Table ‎5‑1 indicates the maximum slope between two consecutive accumulated scores for every case. *The threshold value is taken as the average of these values.*

Using equation 3, the decision is calculated according to the following empirical inequity condition:

Table ‎5‑1 Maximum Slope Value

|  |  |
| --- | --- |
| Event | Max slope |
| *Case 1* | 0.466 |
| *Case 2* | 0.388 |
| *Case 3* | 0.116 |
| *Case 4* | 1.333 |
| Avg. |  |

(3)

Where and are the deference between two consecutive accumulated scores.

The rate of tweet scores is computed every minute and the difference between accumulated scores is calculated. If the difference between the tweet scores at every consecutive minute is higher than the threshold value , the algorithm will assign "*TRUE* *TWEET*". The first "*TRUE TWEET*" will be considered as the start of the event. If the rate between the tweet scores is lower than the threshold values, the algorithm will assign *"FALSE TWEET*". The event is considered to end If "*FALSE TWEET*" were found through 15 consecutive minutes .

1. Some images on a page, however, it's capture in the next pages.

About your question, I have fixed these images.

1. in sec 5, the order list misses number 1.

About your question, I have fixed the ordered number list.