

LMD Annotation Guidelines

In this task, you will link location mentions (names) that appear in tweets (discussing a specific disaster event), to an existing location from a gazetteer. We have multiple disaster events and will work on each separately in a separate annotation file. For every event, following these steps:

1. Read about the event using the Wikipedia link in the corresponding

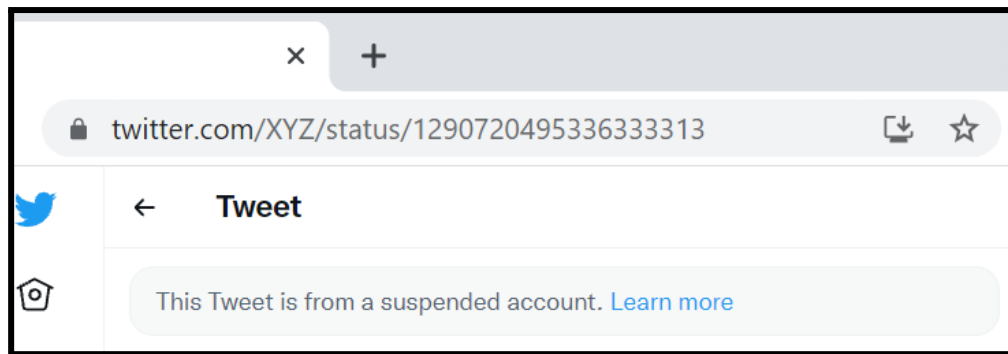
[illegible]

- 2.** Read the LM and locate it in the tweet text in the sheet carefully.

This tweet has 4 location mentions (LMs), each row is for one LM:

1	Tweet	URL	LM
137	انفجار ضخّم في العاصمة اللبنانية بيروت قالت وكالة الأنباء اللبنانية إن حريقاً كبيراً اندلع في العنبر رقم 12 بالقرب من إهراءات القمح في مرفأ بيروت، في مستودع للمفرقات، مساء اليوم الثلاثاء وأثار الرعب في نفوس سكانها اتمنى السلامة للبنان وشعبة https://t.co/YGHljzCAXW	https://twitter.com/XYZ/status/1290720495336333313	بيروت
138	انفجار ضخّم في العاصمة اللبنانية بيروت قالت وكالة الأنباء اللبنانية إن حريقاً كبيراً اندلع في العنبر رقم 12 بالقرب من إهراءات القمح في مرفأ بيروت، في مستودع للمفرقات، مساء اليوم الثلاثاء وأثار الرعب في نفوس سكانها اتمنى السلامة للبنان وشعبة https://t.co/YGHljzCAXW	https://twitter.com/XYZ/status/1290720495336333313	عنبر رقم 12
139	انفجار ضخّم في العاصمة اللبنانية بيروت قالت وكالة الأنباء اللبنانية إن حريقاً كبيراً اندلع في العنبر رقم 12 بالقرب من إهراءات القمح في مرفأ بيروت، في مستودع للمفرقات، مساء اليوم الثلاثاء وأثار الرعب في نفوس سكانها اتمنى السلامة للبنان وشعبة https://t.co/YGHljzCAXW	https://twitter.com/XYZ/status/1290720495336333313	مرفأ بيروت
140	انفجار ضخّم في العاصمة اللبنانية بيروت قالت وكالة الأنباء اللبنانية إن حريقاً كبيراً اندلع في العنبر رقم 12 بالقرب من إهراءات القمح في مرفأ بيروت، في مستودع للمفرقات، مساء اليوم الثلاثاء وأثار الرعب في نفوس سكانها اتمنى السلامة للبنان وشعبة https://t.co/YGHljzCAXW	https://twitter.com/XYZ/status/1290720495336333313	لبنان

3. Read the tweet online (using the URL in the “***Tweet URL***” column). If the URL is broken, use only the tweet text to resolve the Location Mention (LM). An example is shown in the screenshot below.



- a. If the tweet contains a URL, make sure to visit the linked page and read its content to help you in resolving the LM.

For example, you need to open the highlighted URL in our example tweet:

انفجار ضخم في العاصمة اللبنانية بيروت قالت وكالة الأنباء اللبنانية إن حريقاً كبيراً اندلع في العنبر رقم 12 بالقرب من إهراءات القمح في مرفأ بيروت، في مستودع للمفرقات، مساء اليوم الثلاثاء وأثار الرعب في نفوس سكانها أتمني السلامة للبنان وشعبه <https://t.co/YGhLjzCAXW>

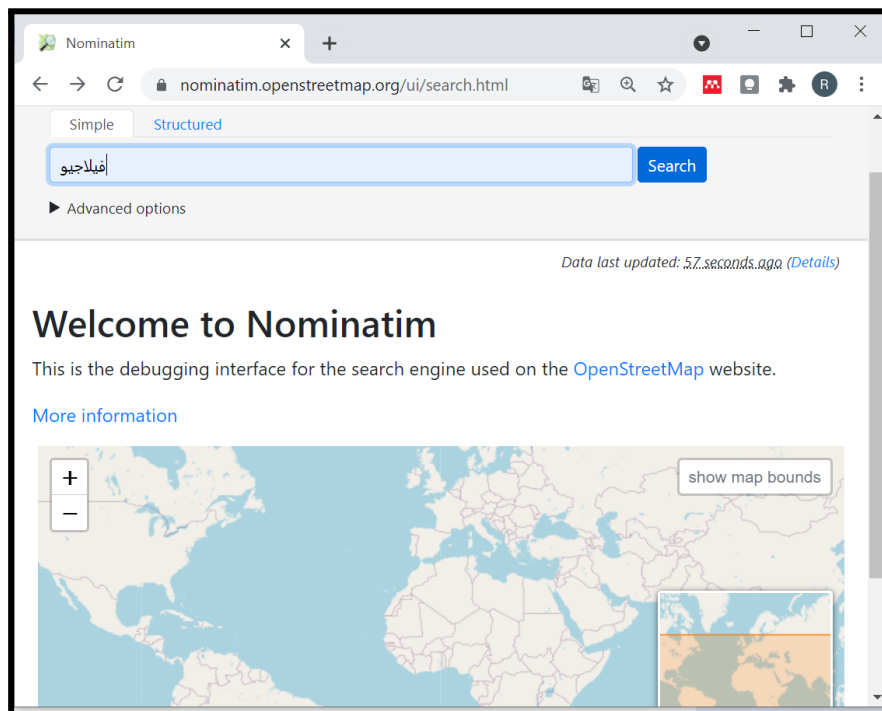
- b. If the tweet is part of a thread (replies), make sure that you read the entire thread before resolving the LM.

4. Search for the location name/mention (in LM column) on the corresponding gazetteer

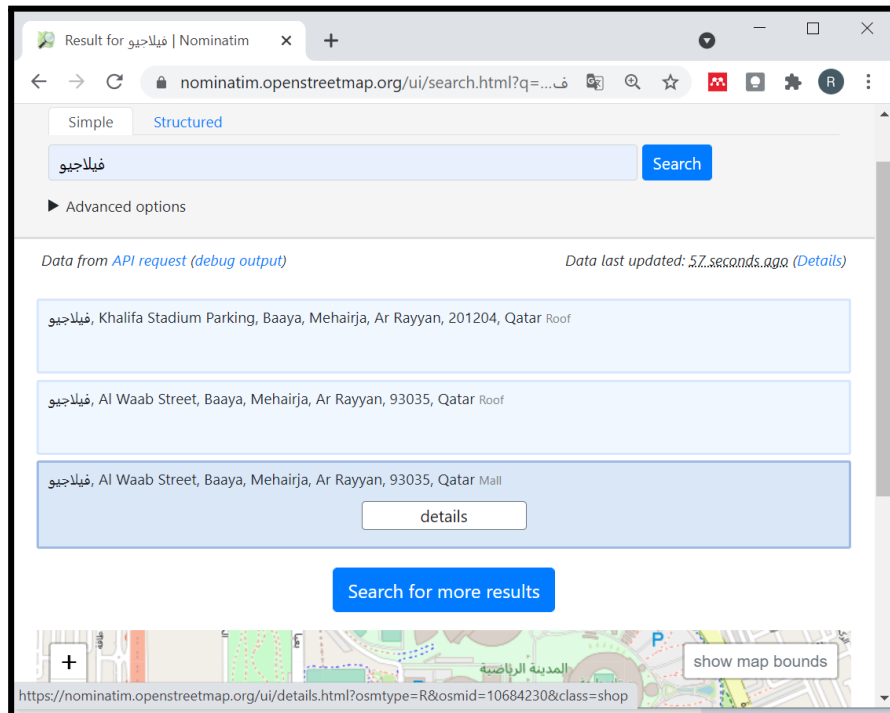
- a. If the location name appears in the tweet is misspelled or didn't return any results, change the search keywords as applicable to get relevant results.
- b. Write the corrected location name you used to search in the "**Keywords**" column
- c. If the tweet is "انفجار في مرفأ بيروت"/"wildfires in Southren California", and the location mention is, for example, "بيروت"/"California" while you think it should be "مرفأ بيروت"/"Southren California" add the corrected LM to column "**Correction**".

Example for searching OpenStreetMap (OSM):

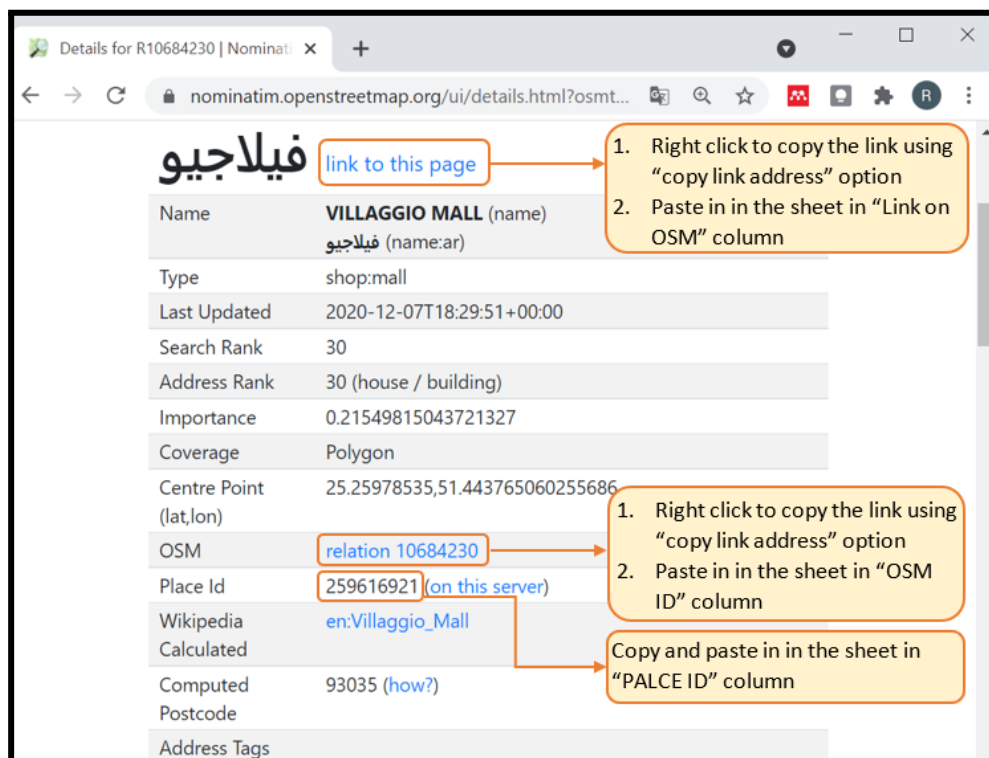
- a. Type the location name in the search box and click "Go"



- b. Among the results that appear for you, select the most accurate one. In this example, the last result is the most accurate one, so we choose it and view its “details”.



- c. Fill required information as shown in the figure below:



5. For every row, answer the following question of questions:

- a. Knowing about the event helped me in resolving this LM? [Yes|No] in column "**EVENT?**"

For example, in the following tweet, without knowing about the event (where it happened), it will be hard to locate "قنا" on the map to be a city in Lebanon.



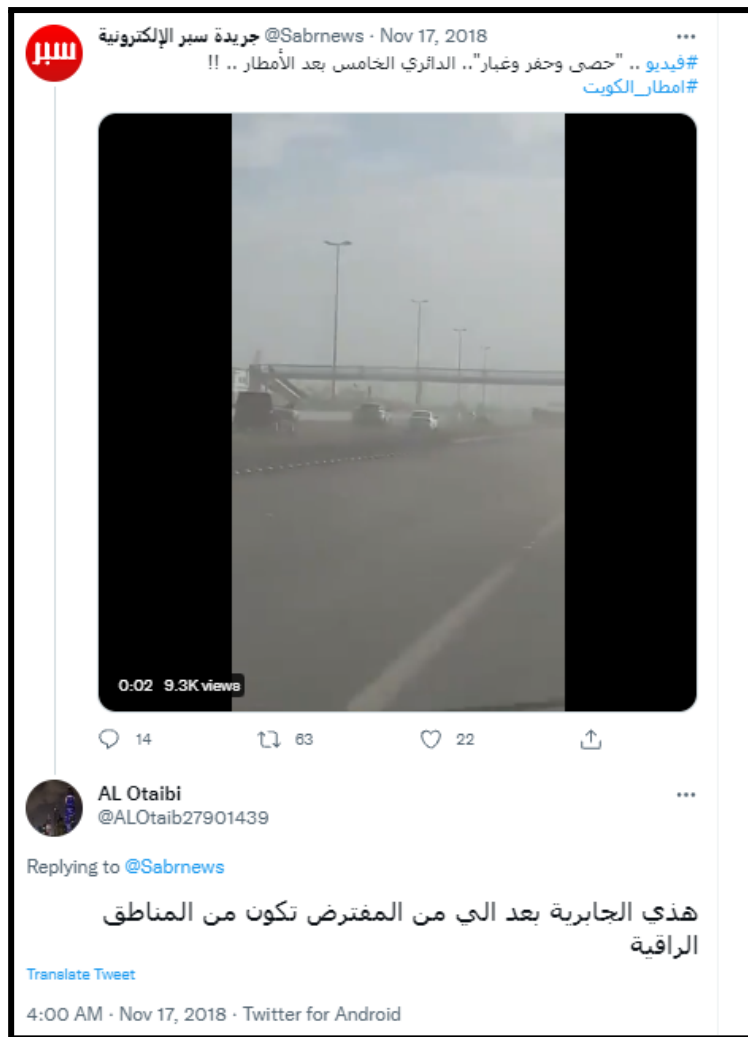
- b. The hashtag in the tweet, helped me in resolving this LM? [Yes|No|N/A] in column "**HASH?**". Choose not applicable "N/A" when the tweet doesn't contain hashtags.

For example, in the following tweet, without the hashtag, it will be hard to understand which "مستودع أدوية الأمراض المستعصية" this tweet is referring to.



- c. Reading the content of the linked web page helped me in resolving this LM? [Yes|No|N/A] in column "**URL?**". Choose not applicable "N/A" when the URL in the tweet's text is broken or the tweet doesn't contain URLs.
- d. Reading the thread (replies) of the tweet helped me in resolving this LM? [Yes|No|N/A] in column "**REPLY?**". Choose not applicable "N/A" when the tweet doesn't have replies.

For example, "الجابرية" in both the video (appears as URL in the tweet text) and the reply to the tweet, will help accurately locate the LM "الدائري الخامس" and increase your confidence when locating it on the map.



- e. Other locations in the tweet helped me in resolving this LM? [Yes|No|N/A] in column "**OLocs?**" Choose not applicable "N/A" when the tweet doesn't contain other locations.

For example, in the following tweet, without "بيروت" and "مرفأ بيروت", it would be hard to locate "السفارة الكندية" on the map.



The following example is a quote retweet case, without reading the original retweeted tweet, we won't be able to understand what "العنبر رقم 12" and "المرفأ" refer to which location on the map.



- f. Person name and organizations in the tweet helped me in resolving this LM?
[Yes|No|N/A] in column "**Entity?**". Choose not applicable "N/A" when the tweet doesn't contain people's names or organizations.

6. Score your confidence from 1 to 3 in the “**Confidence**” column:
 - [3] **Very confident.** I followed the guidelines bit by bit, carefully read the tweet and linked content, and extensively searched for the location.
 - [2] **Confident.** I tried to follow the guidelines. There’s a chance that I missed some locations when I searched.
 - [1] **Somewhat confident.** My annotation is an educated guess.
7. In case you didn't find any match in the gazetteer for the LM in the tweet:
 - a. Highlight the row in red.
 - b. Use Google (not Google Maps) to search for it.
 - c. Add the link of the place to the “**Comments**” column and briefly explain what you found.
 - d. If you couldn’t find any useful link, write a simple explanation for what you did and how you think we can resolve this LM in the “**Comments**” column.
8. In case of multiple locations could match:
 - a. Highlight the row in yellow.
 - b. Choose the most probable location.
 - c. Write a brief description in column “**Comments**” about what you did to make your decision.