

Annotation Guidelines for the CoVERT Dataset

1 Entities and Relations in Tweets concerning COVID-19

Locate the causal phrase in the tweet. Identify any of the following entities relating to the predicate *cause*:

- (a) **Medical Condition:** any disease, illness, ailment or disorder
- (b) **Treatment:** any medical care given to a patient for a disease or illness
- (c) **Symptom/Side-effect:** a secondary physical effect of a medical treatment or medical condition
- (d) **Other:** any other entity that does not fall into the above mentioned categories but is still relevant to the causal phrase

Which relation is found among the entities? (Only one)

- *cause_of* (UR214)
- *causative_agent_of* (UR173)
- *not_cause_of* (UR214!)

Ignore all tweets/sentences that have none of the above listed relations. Do not annotate entities that do not relate to the predicate *cause*. The following is an example to illustrate:

[Astrazeneca **Treatment**] causes [blood clots **Symptom/side-effect**] in older men.

2 Fact-Checking Biomedical COVID-19 Tweets - Survey

Instructions

In this survey, you will be presented with 10 tweets that contain claims in bold text. Text surrounding this claim only serves the purpose of providing context to the bold phrase. The twitter handles have been anonymised with '@handle' and URLs masked with 'https://URL'.

Fact-check the emboldened claim by

1. reading the tweet carefully
2. taking note of the claim in bold text
3. entering its key terms into Google Search
4. finding a reputable¹ source that confirms or refutes the claim
5. mark the claim as being confirmed or refuted in the multiple choice question
6. enter the URL to the reputable source you have found into the given answer slot
7. copy and paste the segment² of text from the source that explicitly confirms or refutes the claim

Each claim should take no more than two minutes to complete. If you have investigated the Google search results and are not able to find a confirmation/disconfirmation within this time constraint, please select the multiple choice option "No, I could not find any resource that confirms or refutes this claim".

Your responses will be checked carefully, and if we agree that the evidence consistently supports your decisions to confirm or refute the claims, we will reward you with a bonus of £0.50 for the survey.

¹'reputable' here refers to the credibility of the source. If your source has a web domain that is government or military (.gov or .mil) or university (.edu), there is a high likelihood that this is a reputable source. You may use general news, medical and scientific articles as sources. Please do not use satirical sites (like *The Onion*) or sites that are known to publish false information and conspiracy stories.

²the segment of text selected from the source may be an entire paragraph or a sentence depending on the text. Please use your own judgement to select this.