

# Annotation Guideline:

## Sentiment Term Extraction in the Natural Environment Topics

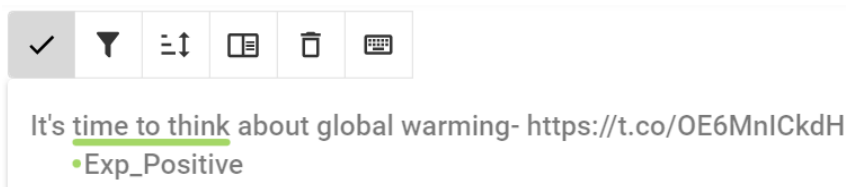
### 1. Task and Label Explanation

In this annotation task, we ask you to annotate (giving labels) a collection of tweets. Given a set of text, you must annotate the terms (words or phrases) that indicate the sentiment expressions. There are two types of expressions in this annotation task:

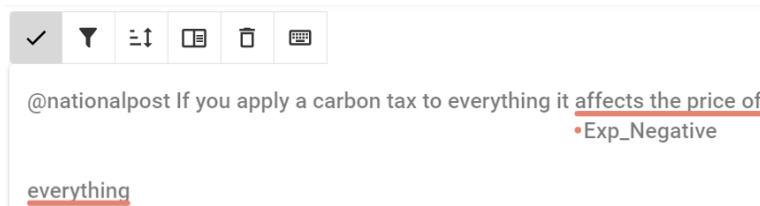
- **Exp\_Positive**, which means the sentiment of the expression is positive, like supporting, giving a good rating, or appreciating an act or policy.
- **Exp\_Negative**, which means the sentiment of the expression is negative, like refusing, giving a bad rating, or criticizing an act or policy.

Note that, one text may have only sentiment expression, more than one (whether all of them are the same expression category or contrary), or even not at all. If a text contains sentiment expression, you must annotate all of the expressions (can even contain more than two sentiment expressions) regardless the text is discussing a natural environment topic or not. Moreover, for this annotation, you only need to annotate the expression (if any). Please do not annotate the other part e.g. the holder and target of the sentiment or even annotate most or all of the text randomly. Please see several examples below for the examples:

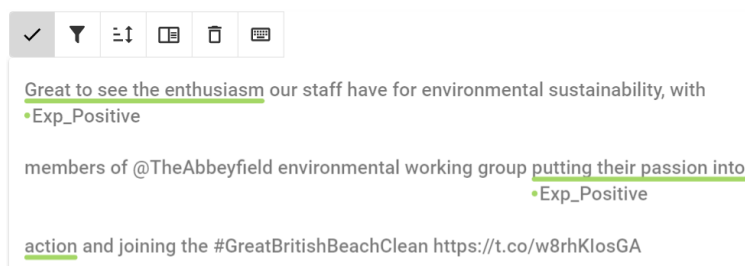
- Contain one positive sentiment expression (**Exp\_Positive**)



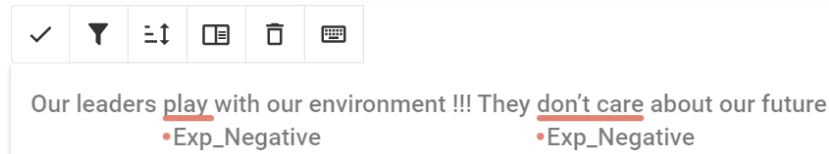
- Contain one negative sentiment expression (**Exp\_Negative**)



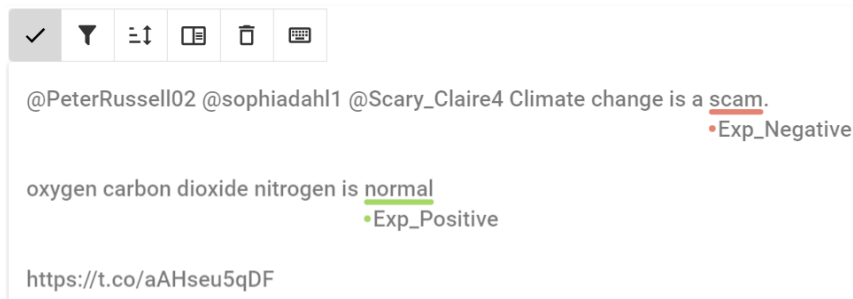
- Contain more than one sentiment expression where all of them are positive (**Exp\_Positive**)



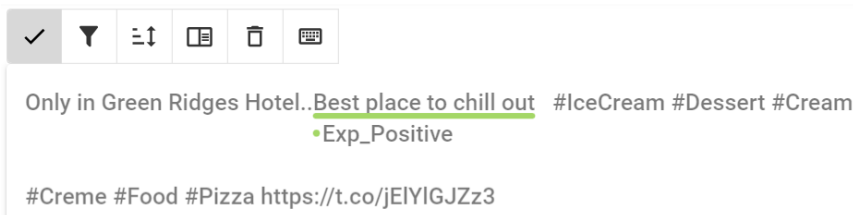
- Contain more than one sentiment expression where all of them are negative (**Exp\_Negative**)



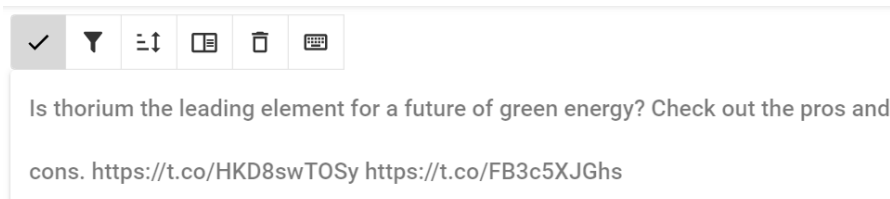
- Contain more than one sentiment expression which is contrary (one **Exp\_Negative** and one **Exp\_Positive**)



- Contain one sentiment expression where the text does not discuss a natural environment topic



- Does not contain sentiment expression at all (only gives neutral information) without any positive or negative solicitation/campaign



## 2. How to Annotate

### 2a. Log in and Go To Project

- In the Prolific platform, click the **Open study link in a new window**. You will be redirected to our annotation platform. Click on the project name to go to the annotation project. The project name may a little different from the figure below but it should only contain one project that you need to annotate. If you see more than one project or not at all, please contact us immediately through the Prolific messaging feature.



## Sentiment Term in the Natural Environment Topics Cluster 1

By Muhammad Okky Ibrahim

£18.00 • £9.00/hr 120 mins 3 places

### Description

In this annotation task, we ask you to annotate (giving labels) a collection of tweets. Given a set of text, you must annotate the terms (words or phrases) that indicate the sentiment expressions. There are two types of expressions in this annotation task:

- **Exp\_Positive**, which means the sentiment of the expression is positive, like supporting, giving a good rating, or appreciating an act or policy.
- **Exp\_Negative**, which means the sentiment of the expression is negative, like refusing, giving a bad rating, or criticizing an act or policy.

Note that, one text may have only sentiment expression, more than one (whether all of them are the same expression category or contrary), or even not at all. If a text contains sentiment expression, you must annotate all of the expressions (can even contain more than two sentiment expressions) regardless the text is discussing a natural environment topic or not.

### Guideline

Please read this annotation guideline before you start the annotation task (copy and paste the link in the new tab): <https://bit.ly/SentimentTermGuideline>

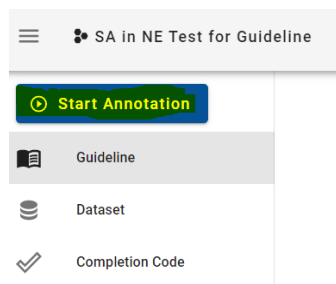
Devices you can use to take this study:

☒ Desktop

[Open study link in a new window](#)

Search		
<input type="checkbox"/>	Name	Description
<input type="checkbox"/>	SA in NE Test for Guideline	This project is used for trial and error in defining the annotation guideline for SA in NE topics.

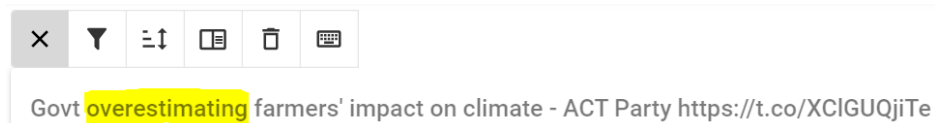
2. On the left sidebar, click **Start Annotation**.



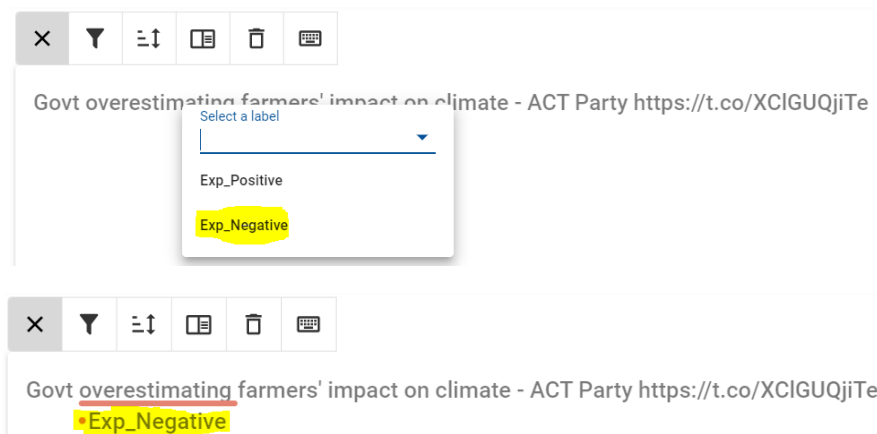
## 2b. Annotate the Sentiment Expression

1. Block the word/phrase with your mouse/trackpad that you want to annotate. For example, in this sentence, we block the word “overestimating”.

**Tips:** If you only annotate a word, simply double-click on it to make the sentiment expression option appear.

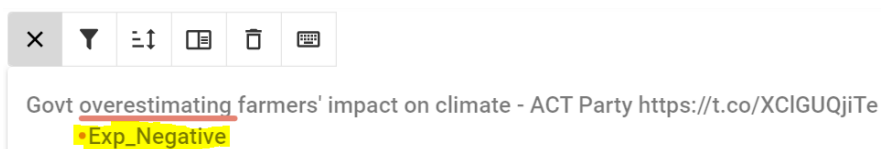


2. Choose the appropriate sentiment expression by clicking it and the sentiment expression will appear on the text.

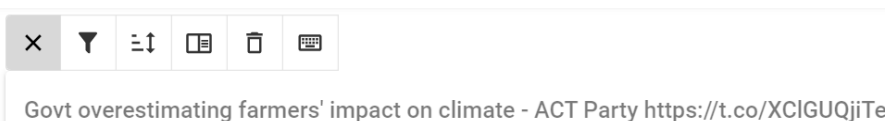


## 2c. Remove/Change Annotation

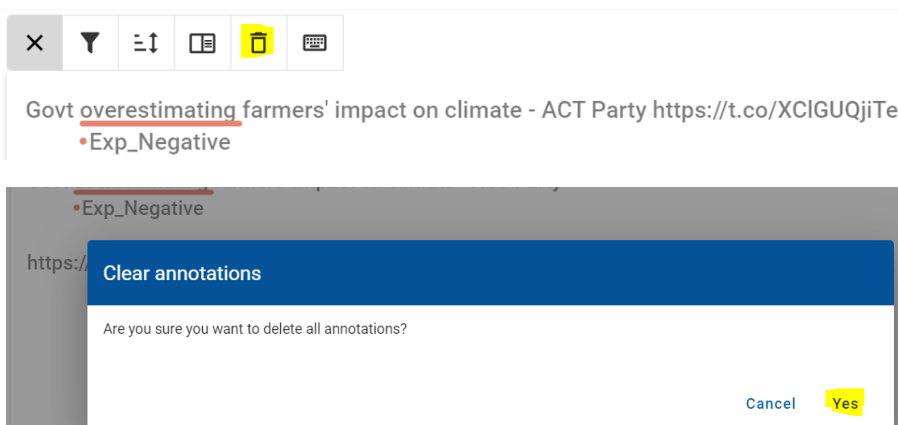
1. To remove the annotation, right-click on the sentiment expression label that you want to remove.

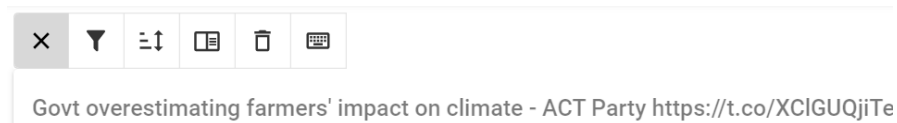


2. To change the annotation (whether it is **Span** or **Relation**), you need to remove the annotation that you want to change first, and then re-annotate with the new class label.



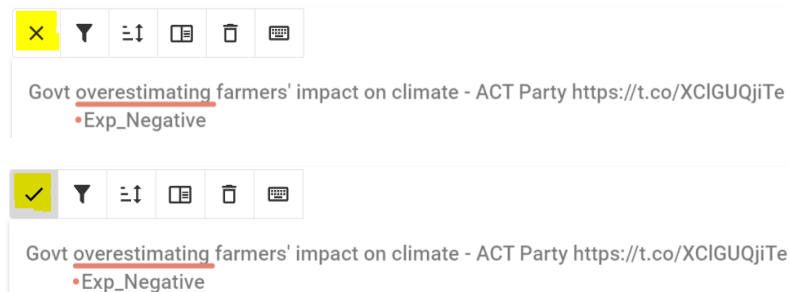
3. To remove all annotations (reset annotation), click the delete symbol on the annotation tab and click **yes** to confirm.



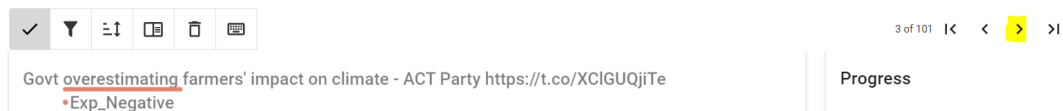


## 2d. Confirm Annotation

1. To confirm that you have annotated all span and relation labels on the given text, mark **Checked** by clicking the **Not Checked** symbol on the annotation bar (Note: If you are sure that the text does not contain sentiment expression at all, you can directly confirm the annotation).



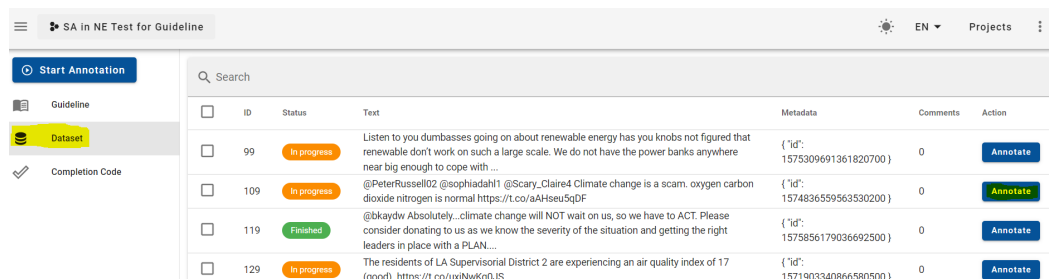
2. To go to the next text, click the next symbol on the top right sidebar.

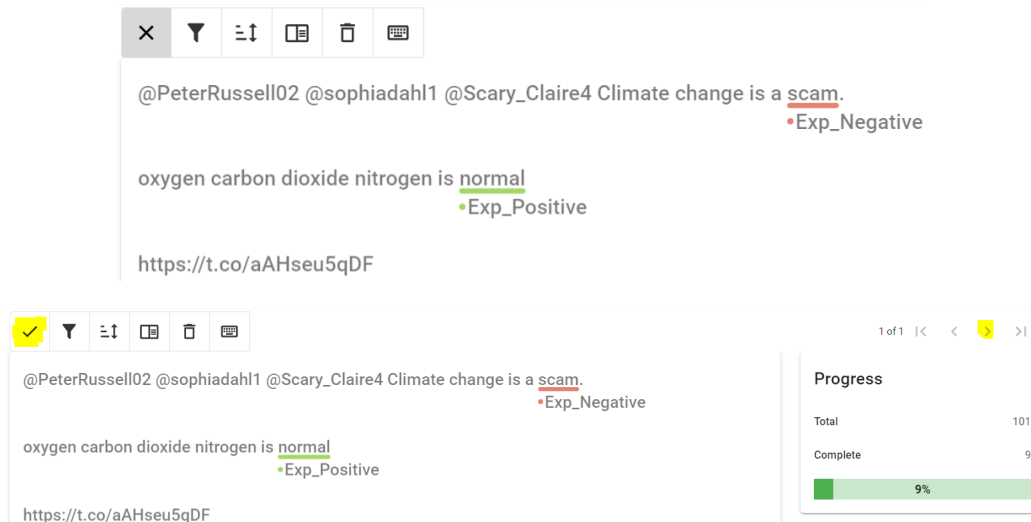


3. Tips: If you doubt your annotation, you can directly click next without marking **Checked** your annotation. Your annotation is automatically saved whether you mark **Checked** or not. You can take a second look at your annotation that you still doubt and then edit and/or confirm it later.

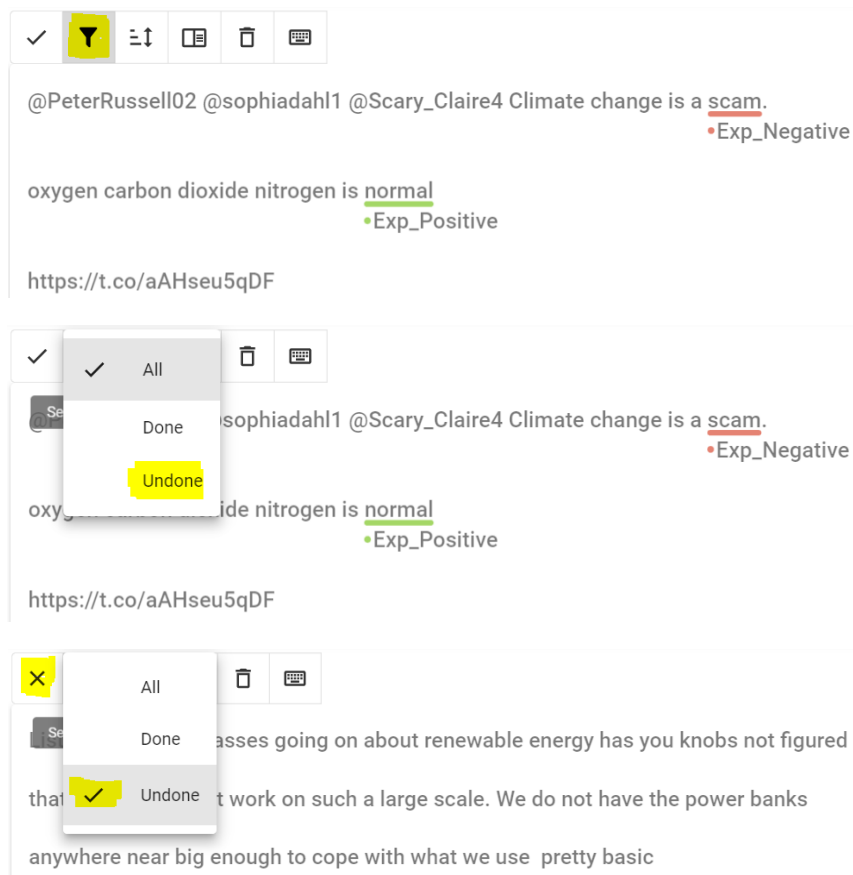
## 2e. Take a Second Look at the Annotation Result

1. On the **Dataset** menu, click **Annotate** on the data text that you want to take a second look at. After taking a second look at the annotation that you doubt, you can directly mark it as Checked or edit/change the annotation first before marking Checked. Then, click the next button on the right sidebar.



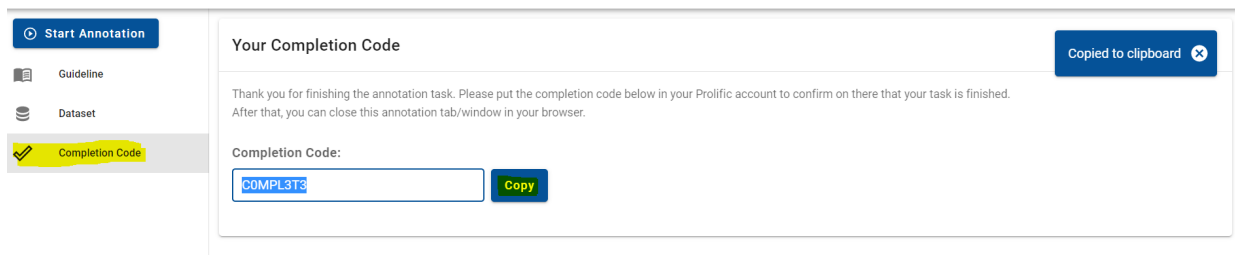


2. If you only want to take a look at the annotations that you doubt, you can filter them by clicking the filter symbol on the annotation bar and then clicking Undone.



### 3. Get the Completion Code

1. Once you finish the annotation task (all data already confirmed by marking it Checked), you can get your completion code by clicking the Completion Code menu in the left sidebar, copying the code by clicking Copy button, and then pasting it into your Prolific account to confirm on there that your task is finished. After that, you can close this annotation tab/window in your browser.



2. If you feel you have finished the annotation task but still did not get the code like the figure below, make sure that you have confirmed all the data annotations by marking **Checked**. Please refer to step **2e** to solve this issue.

