

Annotation guidelines

In this task, you will be presented with dialogues between two persons, one is the *Explainee*, who is asking a question about the main topic, and the other is the *Explainer*, who is trying to explain the answer. These dialogues are collected from the “Explain Like I am Five” Subreddit.

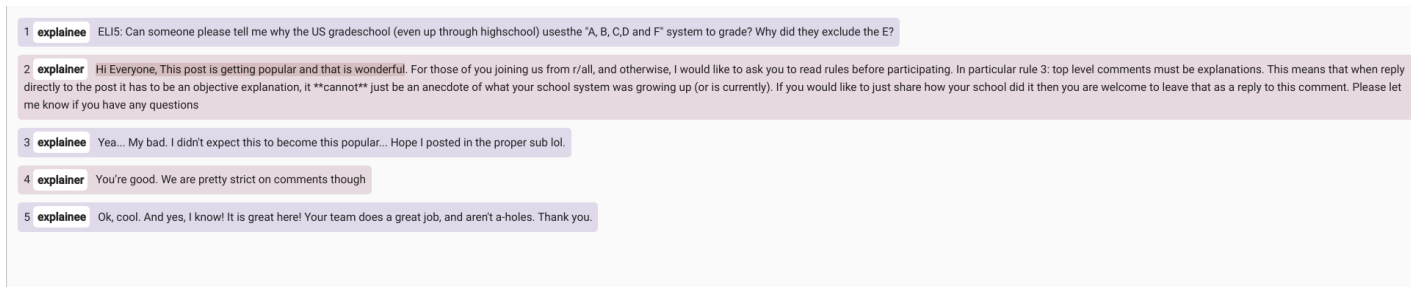


Figure 1

For each of these explanation dialogues, your task is to read through the dialogue turn by turn (turns in Figure 1 are highlighted with red boxes). For each turn, you have to choose exactly one label from each of the following categories:

1. **Discussed topic:** How is the discussed topic relevant to the main topic?
 - a. (T01) It is the main topic
 - b. (T02) A subtopic
 - c. (T03) A related topic
 - d. (T04) An unrelated or no topic is discussed
2. **Speaker's goal:** What goal does the speaker pursue with utterance in the given turn?
 - a. (E01) Testing understanding (*The explainer is trying to check whether the listener understood what has been explained*)
 - b. (E02) Testing prior knowledge (*The explainer is trying to check what prior knowledge (relevant to the explained topic) the listener possesses*)
 - c. (E03) Provide an explanation (*The speaker is explaining a concept or a topic to the listener*)
 - d. (E04) Ask for an explanation (*The speaker is requesting an explanation from the listener*)
 - e. (E05) Signaling understanding (*The speaker's utterance informs the listener that the speaker is understanding the listener*)
 - f. (E06) Signaling non-understanding (*The speaker's utterance informs the listener that the speaker is not understanding the listener*)

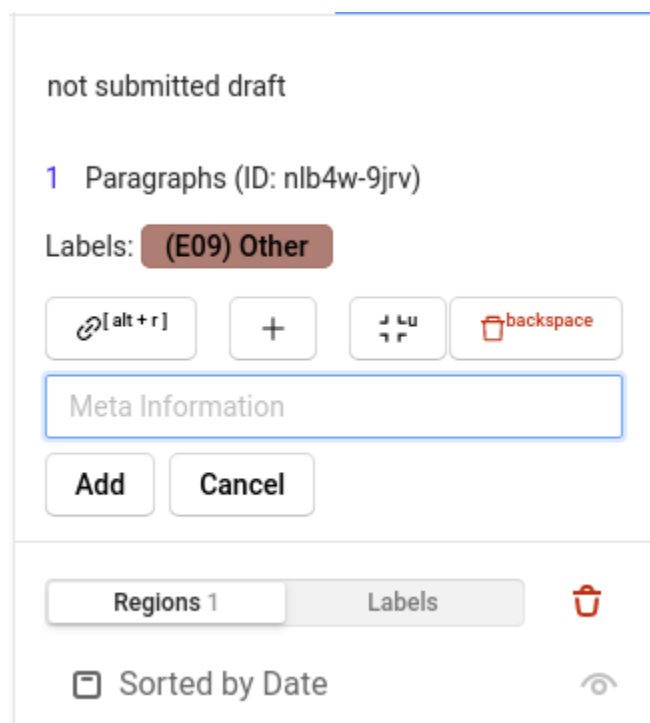
- g. (E07) Provide Feedback (*The speaker is providing qualitative feedback to the listener's previous utterance by correcting errors, misconceptions, or similar*)
 - h. (E08) Provide Assessment (*The speaker is assessing the listener by rephrasing the listener's utterance, by providing a hint, or similar*)
 - i. (E09) Introducing Extraneous Information (*The speaker uses extraneous information to ensure complete and coherent understanding*)
 - j. (E010) Other
3. **Speaker's dialogue act:** How is the goal being pursued in the turn?
- a. (D01) By asking check questions (*Example: Do you study physics?*)
 - b. (D02) By asking what/how questions (*Example: How do you like school? What do you do in your free time?*)
 - c. (D03) By asking any other type of question (*please provide feedback describing what type of question it is*)
 - d. (D04) By answering with confirmation (*Example: It is!, I do*)
 - e. (D05) By answering with disconfirmation (*Example: I don't think so! It doesn't!*)
 - f. (D06) By giving any other answer to a question (*please provide feedback describing what type of answer it is*)
 - g. (D07) By conveying agreement (*The speaker provides a statement that agrees with the previous statement by the other speaker*)
 - h. (D08) By conveying disagreement (*The speaker provides a statement that disagrees with the previous statement by the other speaker*)
 - i. (D09) By an informing statement (*The speaker provides a statement the goal of it to convey information to the listener*)
 - j. (D10) Other (*please provide feedback describing what dialogue act it is*)
4. **Explanation Type:** If you selected from step 2 the following tag (E03) *Provide an explanation*, then what type of explanation is provided?
- a. (Y01) Case-based: Providing an example use case that helps understand the matter
 - b. (Y02) Contextual Explanation: Referring to extra information to help understand the broader environment that affects the situation
 - c. (Y03) Reasoning: Providing evidence and a set of reasons to reach a conclusion that helps in understanding
 - d. (Y04) Causal Explanation: Clarifying a causal relationship (cause and effect) between events or concepts.
 - e. (Y05) Analogy: A comparison of two otherwise unlike things is made based on the resemblance of a particular aspect.
 - f. (Y06) Contrastive: Explaining by arguing why the case is X but not Y.

- g. (Y07) Other: Please describe this kind of explanation.

Now you have read the whole dialogue, please rate the dialogue on a scale from 1 to 5, where a score of 1 reflects that the Explainer failed to answer the question, and 5 indicates that the Explainer successfully clarified the answer, and explained the topic.

Please note the following:

- For each turn and category, only one label should be used as an answer. In case a turn contains more than one label (for example, an answer and a question), choose the one that you think is prevalent in the turn.
- For **all** cases you select the label **Other**, please make sure to describe what label you think could fit better. You can do this by adding a *Meta Information* text to the annotation, as shown in the following:



The screenshot shows a web-based annotation interface. At the top, it says 'not submitted draft'. Below that, it displays '1 Paragraphs (ID: nlb4w-9jrv)'. Under the 'Labels:' section, the label '(E09) Other' is selected and highlighted in a dark red box. Below the labels, there are four buttons: '[alt + r]' with a link icon, a '+' button, a button with a list icon, and a 'backspace' button with a trash icon. A text input field labeled 'Meta Information' is highlighted with a blue border. Below this field are 'Add' and 'Cancel' buttons. At the bottom of the interface, there are tabs for 'Regions 1' and 'Labels', a trash icon, and a 'Sorted by Date' option with a checkbox and an eye icon.

Steps to perform the task

1. Follow the provided invitation link and register using an email and a password (please save your password and email to use them again to log in)
2. Click on the “**annotating-eli5-corpus**” project, and a list of tasks will appear as in the following:

Default										
Tasks		Columns	Filters	Order	not set	Label All Tasks				
<input type="checkbox"/>	ID	<input type="checkbox"/> Completed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Annotated by	dialogue	str	link	post_id
<input type="checkbox"/>	26917		0	0	0		[[{"author": "explainee", "text": "ELIS - Halting Problem and the Self-Referential Proof"}],		https://www.reddit.com/r/explainlikeimfive/comments/gc7h0p/eli5_halting_proble	gc7h0p
<input type="checkbox"/>	26918		0	0	0		[[{"author": "explainee", "text": "ELIS - Halting Problem and the Self-Referential Proof"}],		https://www.reddit.com/r/explainlikeimfive/comments/gc7h0p/eli5_halting_proble	gc7h0p
<input type="checkbox"/>	26919		0	0	0		[[{"author": "explainee", "text": "ELIS: How is it possible that there can be a selenelon		https://www.reddit.com/r/explainlikeimfive/comments/dizify/eli5_how_is_it_possi	dizify
<input type="checkbox"/>	26920		0	0	0		[[{"author": "explainee", "text": "ELIS: How can some 'infinities' be bigger than		https://www.reddit.com/r/explainlikeimfive/comments/ag1uak/eli5_how_can_som	ag1uak
<input type="checkbox"/>	26921		0	0	0		[[{"author": "explainee", "text": "ELIS - Halting Problem and the Self-Referential Proof"}],		https://www.reddit.com/r/explainlikeimfive/comments/gc7h0p/eli5_halting_proble	gc7h0p
<input type="checkbox"/>	26922		0	0	0		[[{"author": "explainee", "text": "ELIS: How can some 'infinities' be bigger than		https://www.reddit.com/r/explainlikeimfive/comments/ag1uak/eli5_how_can_som	ag1uak
<input type="checkbox"/>	26923		0	0	0		[[{"author": "explainee", "text": "ELIS: How is it possible that there can be a selenelon		https://www.reddit.com/r/explainlikeimfive/comments/dizify/eli5_how_is_it_possi	dizify
<input type="checkbox"/>	26924		0	0	0		[[{"author": "explainee", "text": "ELIS - Halting Problem and the Self-Referential Proof"}],		https://www.reddit.com/r/explainlikeimfive/comments/gc7h0p/eli5_halting_proble	gc7h0p

- To start one of the tasks, you can simply click on it, and you will be directed into a new window where you can see an explanation dialogue along with the categories to select labels from. Before you start annotating, in the top bar, select from the drop-down the “Create Annotation” option. Now check step 4.
- For each dialogue turn:
 - Read the text of the turn.
 - Starting from the first category, click on the proper label.
 - Highlight all text of the turn as one region, and annotation will be created automatically where you can see it on the left panel.
 - Now you can continue selecting the labels for the other two categories and the labels will be added to the turn.
 - To unselect the current annotated region, click on it or press “Esc” on your keyboard.
 - Repeat the process for each turn.
- After annotating all turns, click submit to save your annotation. At any time, you can get back to the task and continue your annotations.

Notes:

- You can, at any time, delete an annotation or update it by clicking on it in the text and managing it through the left panel.
- Note that every time you want to create an annotation, you have to first click on the label and then highlight the text.
- If you want to add a new label to an annotation already created, select the annotation and then click on the label.
- For each dialogue, we also provide an optional youtube link that can be used to watch the conversation along with reading the text.

- At the end of each task, please double-check the following:
 - The number of annotations created is equal to the number of dialogue turns
 - Each annotation contains three labels