CoCo-Ex - Evaluation on CommonsenseQA and OpenBookQA

Annotation Manual

You are given a sentence, and concepts we extracted from this sentence, by applying two different methods. These concepts are extracted in order to use them in further downstream applications, e.g. for connecting this sentence with another sentence. Therefore, it is important that the extracted concepts are meaningful and central for the given sentence, and that they are not overspecific or uninformative.

Below we give an example:

Sentence: *The day was over and the teeth filled the dentist had to put all his metal what away.*

Extractions 1: *day|put|filled|the dentist|over|had|teeth|was|dentist|metal*   (total number: 10)

Extractions 2: *put away|filled|metal|put|day|fill|dentist|teeth|tooth*   (total number: 9)

Your task is now to answer the two following question for each set of extracted concepts:

(I) Does the provided list of concepts contain all meaningful concepts from the question? (binary)
- Yes
- No

(II) How many informative (wanted) and uniformatice (unwanted) concepts are among the extracted concepts?
- number wanted/number unwanted

  → here you should count the wanted and unwanted concepts, which should
     sum up to the given total number of concepts.