The following prompts were used in the experiments. The string *‘[TEXT]’* was replaced with the corresponding text to do the classification (see also source code and manuscript).

**Dataset 1**

**1.1 “Is this a randomized controlled trial (RCT)?”**

* **Prompt:**

*INSTRUCTION: You are a helpful classifier. You are given the abstract of a scientific publication and you have to decide whether it is of a Randomized Controlled Trial (Answer is 'TRUE') or it is not of a Randomized Controlled Trial (Answer is 'FALSE'). QUESTION: The abstract is '[TEXT]'. ANSWER: The correct answer for this abstract is '*

**1.2 “Is this an oncological trial?”**

* **Prompt:**

*INSTRUCTION: You are a helpful classifier. You are given the abstract of a scientific publication and you have to decide whether it is about an oncological topic (Answer is 'TRUE') or it is not about an oncological topic (Answer is 'FALSE'). QUESTION: The abstract is '[TEXT]'. ANSWER: The correct answer for this abstract is '*

**Dataset 2**

**2.1 “Were patients with localized cancer disease included in this trial?”**

* **Prompt:**

*INSTRUCTION: You are a helpful classifier. QUESTION: The following is an abstract of an oncological trial '[TEXT]'. Did this trial allow the inclusion of patients that did not have distant metastases (M0) (TRUE) or only of patients that had distant metastases (M1) (FALSE)? ANSWER: The correct answer is '*

**2.2 “Were patients with distant metastases included in this trial?”**

* **Prompt:**

*INSTRUCTION: You are a helpful classifier. QUESTION: The following is an abstract of an oncological trial '[TEXT]'. Did this trial allow the inclusion of patients with distant metastases (TRUE) or not (FALSE)? ANSWER: The correct answer is '*

**2.3 “Is this trial about patients with breast cancer?”**

* **Prompt:**

*INSTRUCTION: You are a helpful classifier. QUESTION: The following is an abstract of an oncological trial '[TEXT]'. Was this trial about patients with breast cancer (TRUE) or not (FALSE)? ANSWER: The correct answer is '*

**2.4 “Is this trial about patients with prostate cancer?”**

* **Prompt:**

*INSTRUCTION: You are a helpful classifier. QUESTION: The following is an abstract of an oncological trial '[TEXT]'. Was this trial about patients with prostate cancer (TRUE) or not (FALSE)? ANSWER: The correct answer is '*

**2.5 “Is this trial about patients with anal cancer?”**

* **Prompt:**

*INSTRUCTION: You are a helpful classifier. QUESTION: The following is an abstract of an oncological trial '[TEXT]'. Was this trial about patients with anal cancer (TRUE) or not (FALSE)? ANSWER: The correct answer is '*

**Dataset 3**

**3.1 “Is this trial about patients with metastastic castration resistant prostate cancer (mcPRC)?”**

* **Prompt:**

*INSTRUCTION: You are a helpful classifier. QUESTION: The following contains information about an oncological trial '[TEXT]'. Was this trial about patients with metastatic castration-resistent prostate cancer (mCRPC) (TRUE) or not (FALSE)? ANSWER: The correct answer is '*

**Dataset 4**

**4.1 “Does this trial investigate a therapeutic intervention (e.g., drug, biological, others)?”**

* **Prompt:**

*INSTRUCTION: You are a helpful classifier. QUESTION: The following contains information about an oncological trial '[TEXT]'. Did this trial investigate a therapeutic intervention (e.g., drug, biological, others) (TRUE) or not (FALSE)? ANSWER: The correct answer is '*