Table 1: LLM questions’ sources in the studies and their corresponding definitions and examples.

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| **Prompt Source** | **Definition** | **Example** |
| Clinical Guidelines | In the derivation of the questions there was a specific mention of at least one clinical guideline. | National Comprehensive Cancer Network (NCCN) Guidelines. |
| Generative AI | In the derivation of the questions, an LLM was prompted to recommend questions or provide FAQs. | An LLM is prompted ”Provide me a list of 15 popular patient questions in domain x.” |
| Medical Literature | In the derivation of the questions there was a specific mention of at least one medical study, book, or article. | Any medical research article. |
| Online Forums | In the derivation of the questions there was a specific mention of at least one online forum or non-professional website. Additionally, tools tracking traffic such as google trends were also considered to fall under this category. | X, Reddit, Google trends. |
| Professional Organizations | In the derivation of the questions there was a specific mention of at least one professional website, hospital, society, or association, excluding clinical guidelines, even if the questions were based on actual patient questions. | Mayo Clinic,  American Medical Association. |
| PEM Generation | The LLMs in the study were not prompted with questions but rather with the task of generating PEM leaflets. | An LLM is prompted ”Generate a patient education leaflet of size x in domain y.” |
| Physician’s Experience | In the derivation of the questions at least one expert or physician applied their experience to contribute to the questions’ pool. | A physician suggests questions using their knowledge or personal experience. |
| Patient Interviews | In the derivation of the questions there was a specific mention of patient interviews, surveys, or word-for-word data bases with patient questions. | Patients were consulted to provide questions they have. |
| Simulated Patients’ Questions | In the derivation of the questions the authors of the study contributed patient questions based on their opinion of what a real patient might ask without referring to any of the above-mentioned sources. | The authors compiled a list questions from their own experience on what a patient may ask or have concerns about. |

Table 2: Accuracy measurement methods and their corresponding definitions.

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| **Accuracy Method** | **Definition** |
| Expert Opinion | In evaluating the accuracy of the LLM response, there was a specific mention of the experience, opinion, or subjective assessment of an expert, mostly physicians. |
| Reputable Medical Sources | In evaluating the accuracy of the LLM response, there was a comparison with an evidence-based source such as medical articles, hospitals, clinics, or any non-clinical guideline sources. Even if the comparison was carried our by experts. |
| Clinical Guidelines | In evaluating the accuracy of the LLM response, there was a comparison with a clinical guideline. Even if the comparison with carried out by an expert. |