

LCHQA-Summ: Multi-perspective Summarization of Publicly Sourced Consumer Health Answers

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Abstract. Community question answering forums provide a convenient platform for people to source answers to their questions including those related to healthcare from the general public. The answers to user queries are generally long and contain multiple different perspectives, redundancy or irrelevant answers. This presents a novel challenge for domain-specific concise and correct multi-answer summarization. Towards this we propose to (i) develop a novel gold standard Laymen-sourced Consumer Health Question Answer Summaries (LCHQA-Summ) dataset with summaries covering the breadth of perspectives across various healthcare topics. (ii) devise an automated health answer summarization pipeline to generate perspective-specific answer summaries.

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