

CIAL at the NTCIR-13 STC-2 Task

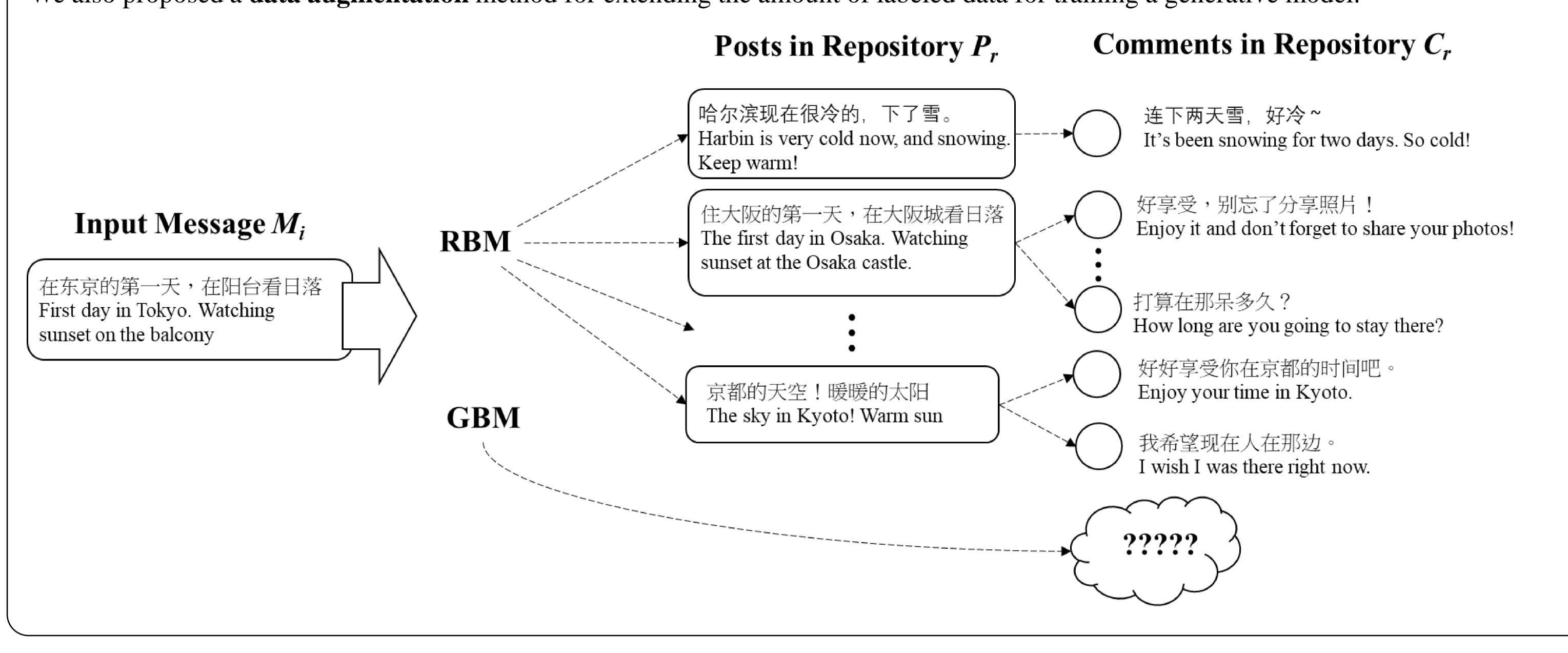


Yung-Chun Chang¹, Yu-Lun Hsieh², and Wen-Lian Hsu²

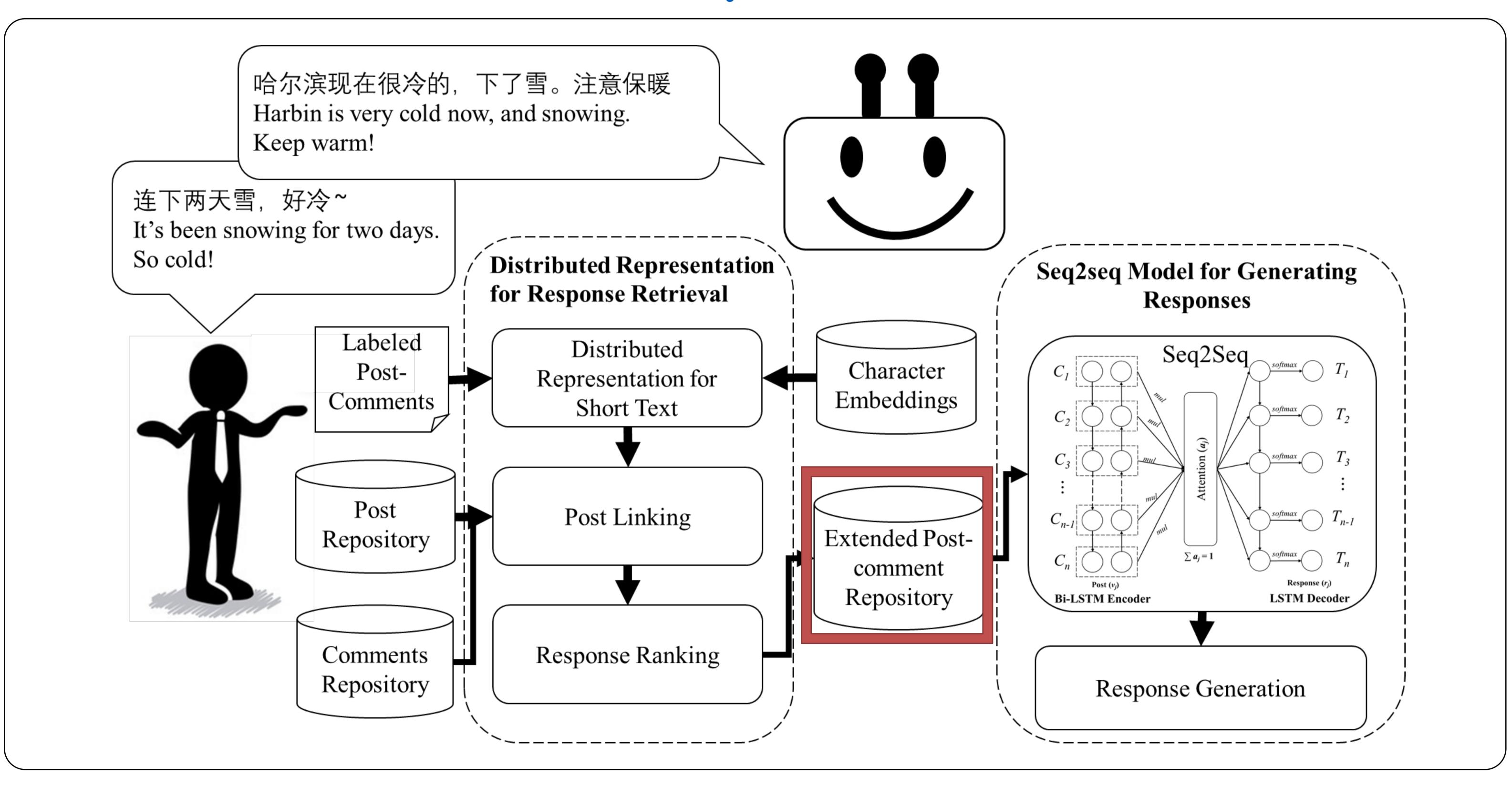
¹ Graduate Institute of Data Science, Taipei Medical University, Taipei, Taiwan ² Institute of Information Science, Academia Sinica, Taipei, Taiwan ¹ changyc@tmu.edu.tw, ² {morphe, hsu}@iis.sinica.edu.tw

Introduction

Short text conversation (STC) has emerged as a prominent research topic and gained considerable attention in recent years. The NTCIR-13 STC-2 Task provides a transparent platform to compare Retrieval-based model (RBM) and Generation-based model (GBM). In this task, we proposed a retrieval-based method with **distributed vector representation**, and a generation-based method with **recurrent neural networks**. We also proposed a **data augmentation** method for extending the amount of labeled data for training a generative model.



System



Acknowledgement

This work was supported by grant MOST106-3114-E-001-002 and TMU106-AE1-B16 from the Ministry of Science and Technology in Taiwan and Taipei Medical University, respectively.