## Report on Japanese subtask for NTCIR-13 STC-2 from mnmlb

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## Abstract:

We report a Japanese subtask for NTCIR-13 STC-2 for which we made a dialogue system and introduced neural networkbased retrieval models (LSTM, ESIM and CNN) to rank the dialogue replies in the training dataset. We used data from Yahoo! News comments data and introduced LSTM and ESIM to effectively capture sequential information from the given comments. To evaluate the effectiveness, we compared systems using LSTM or ESIM with systems that use CNN. We also introduced an n-gram-based statistical filter into our systems to reduce the number of reply candidates.

