OKSAT at NTCIR-13 OpenLiveQ Task
- Mainly Offline Test Trials and Improvement -
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11) Introduction
- OKSAT submitted 21 runs for NTCIR-13 OpenLiveQ task.
- We submitted from simple to complicated runs.
- We searched the question data mainly because we thought that the question data included the query string or related strings.
- We searched title, snippet and body by the query string, and merged their scores.
- We also took account page view and number of answers.

12) Our Approach
- We processed field variants which we extracted from the data provided by the task organizer.
- Figure 3 shows the outline of processing flow.
- We explain the formula and the sign defined in this figure later.

13) Target Field of Processing
- From Question Data, we used the following fields.
  - The five boxes from the left of upper part of the figure.
  - We describe the field in order of the field number, the notation in the figure and explanation in the task overview paper.
  - Page view / Page view of the question
  - Number of answers / Number of answers for the question
  - Title of the question
  - The description of the question in a search result
  - Body of the question
- In addition, we used the repeated field of the question in a search result.

14) Processing Elements
- OKSAT processed to make runs with the basic processing.
  - We defined basic processing together, we made runs which required complicated processing.
- And we were adjusting parameters of the processing.

15) How to Make Run
- We changed the combination of basic processing and the order of the runs.
- We attach the combination of basic processing notation surrounded by [ ] to each run.
- Table 1 shows the evaluation result [OKSAT-13] of offline test for submitted runs.

16) Processing Elements
- We explained the processing which have basic processing.
- We used the Page view / Page view of the question
- We calculated the combination of the processing which we used before.

15.1 Nothing run0
- Nothing done from Question data.
- We simply extracted Query ID and Question ID from the top to the lower row of Question data.
- By the task overview, Question data is the output of top 1,000 questions retrieved from Yahoo! Chiebukuro by each question.

15.2 Single Processing
- We explain runs which have single basic processing.

15.2.1 Nothing run0
- Nothing done from Question data.
- We simply extracted Query ID and Question ID from the top to the lower row of Question data.
- By the task overview, Question data is the output of top 1,000 questions retrieved from Yahoo! Chiebukuro by each question.

15.3 Simple Combination of Processing
- We explained runs which have the basic processing and/or 1 or 2 at most one other processing.

15.4 Complex Combination of Processing
- We explained runs which have complex combination of processing.
- The combination is briefly noted in the title of each run.

15.5 Offline and Online Test
- Online test is assessed for the top run of each participation group by multi scoring method.
- Our top run of offline test was the best run of all participants.
- We investigated the taste of the judgment of online test was different from offline test.
- We felt it was difficult to show the question list which the user expected without having the information about the taste of the user.
- So, the profile of the user may help to improve the performance of CQA systems if possible.

17) Conclusions
- Our group OKSAT submitted 21 runs for the NTCIR-13 OpenLiveQ task.
- We submitted from simple to complicated runs.
- Complicated runs are combinations of simple ones in most cases.
- We searched the question data mainly because we thought that the question data included the query string or related strings.
- We searched title, snippet and body by the query string, and merged their scores.
- We also took account page view and number of answers.
- Our top run of offline test was the best run of all participants, however, online test of our top run of offline test was not good.