Task Questionnaire TYPE 4

(The actual questionnaire will be provided to the participants as an online survey form.)

\* Please enter your participant number:

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A Tutorial of the Topic Tagging System

Please download the tutorial document from the following link [here](http://spare05.dlib.vt.edu/~seungwon/XpantracTutorial.pdf), and read it.

Exercise Task

Before you start the main tasks, we ask that you do an exercise task to become familiar with the tagging system. Please follow the instructions below:

1. Open the web-based tagging system by visiting: <http://spare05.dlib.vt.edu/~xpantrac/ui/xpantrac_proto.html>
2. On the top of the Collection pane located on the left, press the “Load Document” button to load the documents from the pre-selected *NYT\_1000* corpus.
3. The titles of the 30 documents are shown in gray boxes on the Collection pane.
4. Click to open the 26th document, “26. SHULTZ SAID TO WARN REAGAN OF CASEY’S VERSION”
5. You should read and come up with topics, based on your understanding of a document, and your intellectual ability to summarize that document with a list of topics (i.e., keywords or key phrases) that indicate the several topics covered by the document. Jot those down, to be entered into the text box in step 8 below.
6. The system has been built to suggest topics from documents. To supplement your own list from step 5 above, you can ask the system to generate a list of suggested topics, and then you can select ones you agree with from the system’s topic suggestions. Before you can generate topic tags, a preparatory action is needed: You must guide the system regarding the number and breadth of topics it should produced. For example, set “Number of API results” to 10, and “Number of Topics” to 20 as well. You can choose different values. Remember that the higher number of API results means using more information to produce topics, but it takes a slightly longer time.
7. Click the “Extract Topics” button. You will see topic suggestions in two-columns. You can click each topic box that has a useful topic, to mark it as useful, for example, click “reagan”, “president”, “iran”, “Shultz”, “intelligence”, etc.
8. Based on what you did in steps 5 and 7 above, you can enter your final topics (i.e., your own + those you selected that were suggested by the system) below:

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Beginning of the Main Tasks

---- NYT\_1000 ----

The Questions 1 and its sub questions are about the NYT\_1000 corpus. Please load the NYT\_1000 corpus by checking it and clicking “Load Documents” button in the top portion of the Collection pane. Now you should see a total of 30 gray boxes on the Collection pane.

Question 1. Click “11. IRAQ SAYS THE ATTACK FAILED” in the Collection pane. Then, enter a list of topic tags that you think are relevant to the document in the text box provided below. You should find topics that are as accurate as possible, without wasting time. You are allowed to read the document and come up with your own tags, and also to use the tagging system’s suggestions.

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Question 1-1. How thoroughly did you read the document?

1. Did not read the document at all
2. Skimmed through the document
3. Went through almost every sentence
4. Read more than once

Question 1-2. What was the reason for your answer in Question 1-1?

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Question 1-3. What were your settings for the “Number of API results” and “Number of Topics” in the system? If you did not use the system, please enter “0” and “0”.

* Number of API results: \_\_\_\_\_\_
* Number of Topics: \_\_\_\_\_\_

Question 1-4. What was your rationale for the settings in Question 1-3?

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---- CTR\_30 document corpus ----

The Questions 2 and its sub-questions are about the CTR\_30 corpus. Please load the CTR\_30 corpus by checking it and clicking “Load Documents” button in the top portion of the Collection pane. Now you should see a total of 30 gray boxes on the Collection pane.

Question 2. Click “18. After drenching New Orleans, Isaac threatens dam” in the Collection pane. Then, enter a list of topic tags that you think are relevant to the document in the text box provided below. You should find topics as accurate as possible, without wasting time.

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Question 2-1. How thoroughly did you read the document?

1. Did not read the document at all
2. Skimmed through the document
3. Went through almost every sentence
4. Read more than once

Question 2-2. What was the reason for your answer in Question 2-1?

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Question 2-3. What were your settings for the “Number of API results” and “Number of Topics” in the system? If you did not use the system, please enter “0” and “0”.

* Number of API results: \_\_\_\_\_\_
* Number of Topics: \_\_\_\_\_\_

Question 2-4. What was your rationale for the settings in Question 2-3?

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---- VARIOUS\_30 document corpus ----

The Question 3 and its sub-questions are about the VARIOUS\_30 corpus. Please load the VARIOUS\_30 corpus by checking it and clicking “Load Documents” button in the top portion of the Collection pane. Now you should see a total of 30 gray boxes on the Collection pane.

Question 3. Click “21. Diabetes is a chronic (lifelong) disease marked by high levels of sugar in the blood” in the Collection pane. Then, enter a list of topic tags that you think are relevant to the document in the text box provided below.

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Question 3-1. How thoroughly did you read the document?

1. Did not read the document at all
2. Skimmed through the document
3. Went through almost every sentence
4. Read more than once

Question 3-2. What was the reason for your answer in Question 3-1?

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Question 3-3. What were your settings for the “Number of API results” and “Number of Topics” in the system? If you did not use the system, please enter “0” and “0”.

* Number of API results: \_\_\_\_\_\_
* Number of Topics: \_\_\_\_\_\_

Question 3-4. What was your rationale for the settings in Question 3-3?

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Question 4. Describe your overall strategy to come up with quality topic tags:

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End of the Main Tasks

\* Submit the task form by pressing the ‘Submit’ button on the bottom of the survey.