

APPENDIX A

Entry questionnaire

1. What is your overall experience with systems using ranked outputs and fulltext database? Please rank your experience on a 7 point scale

Most experienced							Least experienced
1	2	3	4	5	6	7	

2. What is your experience with systems using relevance feedback? Please rank your experience on a 7 point scale

Most experienced							Least experienced
1	2	3	4	5	6	7	

3. How do you classify yourself as a searcher?

Global focus
 Local focus
 Random

4. What is your knowledge of distributed computing? Please rank your level of knowledge on a 7 point scale.

Most experienced							Least experienced
1	2	3	4	5	6	7	

5. What is your knowledge of optimization? Please rank your level of knowledge on a 7 point scale.

Most experienced							Least experienced
1	2	3	4	5	6	7	

APPENDIX A
Interaction sheet

Query index	Query text
23	<i>it is the distributed computing structures and algorithms</i>

After reading the content of the relevant document found in the first 15 documents, please determine your:

Interest: (concepts that best describe your focus on this query)

distributed computer network
distributed computing

Preferences: (methods that you would like to perform to get better results) (put \checkmark next to your choice)

\checkmark Filter

Expander

Context: (relations that best describe your focus on this query)
topology information|related_to|distributed computer network|
distributed computer network|isa|network|

APPENDIX B
Entry Questionnaire (for the second study)

1. What is your overall experience with systems using ranked outputs systems and fulltext database? Please rank your experience on a 7 point scale

Most experience							Least experience
1	2	3	4	5	6	7	

2. What is your experience with systems using relevance feedback? Please rank your experience on a 7 point scale

Most experience							Least experience
1	2	3	4	5	6	7	

3. How do you classify yourself as a searcher?

Global focus
 Local focus
 Random

4. What is your knowledge of terrorism Please rank your level of knowledge on a 7 point scale.

Most experience							Least experience
1	2	3	4	5	6	7	

5. What is your knowledge of WMD. Please rank your level of knowledge on a 7 point scale.

Most experience							Least experience
1	2	3	4	5	6	7	

APPENDIX B

Intermediate questionnaire (for the second study)

1. Which important document found from direct keyword matching but not found from OMNISEER?
2. What are the critically important documents for this particular query?

APPENDIX B

Exit questionnaire (for the second study)

1. How satisfied are you with the overall results for this task delivered by using OMNISEER with user model approach? Please rank your satisfaction on a 7 point scale.

Most satisfied							Least Satisfied
1	2	3	4	5	6	7	

2. How confident are you with the results that they cover all possible aspects of the task? Please rank your confidence in 7 point scale

Most confidence							Least confidence
1	2	3	4	5	6	7	

3. Regarding this task, what are the most critically relevant documents? Please specify their titles:

4. Regarding this task, do you think the user model approach help retrieve critical documents early in the process than the direct keyword matching?

Strongly agree							Strongly disagree
1	2	3	4	5	6	7	

5. Please rank these six factors in terms of analyzing the returned results and giving feedback for the system with user modeling. 1 is the least demanding and 7 is the most demanding.

Mental demand							
1	2	3	4	5	6	7	

Physical demand							
1	2	3	4	5	6	7	

Temporal demand							
1	2	3	4	5	6	7	

Performance							
1	2	3	4	5	6	7	

Frustration							
1	2	3	4	5	6	7	

Effort							
1	2	3	4	5	6	7	