System Summary and Timing
Organization Name: Rutgers University, Interactive Searching
List of Run ID's: rutir1, rutir2

- Construction of Indices, Knowledge Bases, and other Data Structures
  - Methods Used to build Data Structures : PLEASE SEE THE SYSTEM SUMMARY AND TIMING FOR THE INQUERY SYSTEM FROM UNIVERSITY OF MASSACHUSETTS FOR THESE DATA
  - Statistics on Data Structures built from TREC Text: PLEASE SEE THE SYSTEM SUMMARY AND TIMING FOR THE INQUERY SYSTEM FROM UNIVERSITY OF MASSACHUSETTS FOR THESE DATA

- Query construction
  - Manually Constructed Queries (Ad-Hoc)
    - Topic Fields Used: ALL
  - Manually Constructed Queries (Routing)
    - Average Time to Build Query (in Minutes): 15.48
    - Type of Query Builder
      - Computer System Expert: YES (rutir2)
      - Searching Expert: YES (rutir1)
    - Data Used for Building Query from
      - Training Topics: YES
      - All Training Documents: YES
      - Only documents with Relevance Judgments: YES
    - Method used in Query Construction
      - Term Weighting? : YES (NO SEARCHER CONTROL)
      - Proximity Operators? : YES
      - Addition of Terms not Included in Topic? : YES
        I. Source of Terms: SEARCHER
      - Other: SYNONYM OPERATOR
  - Interactive Queries
    - Initial Query Built Automatically or Manually: MANUALLY
    - Type of Person doing Interaction
      - System Expert: YES (rutir2)
      - Searching Expert: YES (rutir1)
    - Average Time to do Complete Interaction ALL DATA FOR RUTIR1
      - Clock Time from Initial Construction of Query to Completion of Final Query (in minutes): 928.553
    - Average Number of Iterations: 7.760
    - Minimum Number of Iterations: 2
    - Maximum Number of Iterations: 21
    - What Determines the End of an Iteration: CLICKING THE "RUN QUERY" 011 BUTTON (OR SAVING THE "FINAL QUERY")
    - Methods used in Interaction

· Automatic Term Reweighting from Relevant Documents? : YES
· Automatic Query Expansion from Relevant Documents? : YES
I. Only Top X Terms Added (what is X): 5
II. User Selected Terms Added: YES
· Manual Methods
I. Using Individual Judgment (No Set Algorithm)? : YES

- Searching
  - Search Times
    * Run ID : rutir1
    * Computer Time to Search (Average per Query, in CPU seconds): 19.288
    * Component Times : NOTE THAT THESE ARE TIMES TO RUN THE QUERY MADE IN EACH ITERATION OF EACH SEARCH, FOR THE TRAINING CONDITION. COMPONENTS ARE SYSTEM TIME AND CPU TIME
  - Machine Searching Methods
    * Machine Searching Methods
      · Probabilistic Model? : YES
  - Factors in Ranking
    * Factors in Ranking
      · Term Frequency? : YES
      · Inverse Document Frequency? : YES
      · Proximity of Terms? : YES
  - Machine Information
    * Machine Type for TREC Experiment: SUN10/51
    * Was the Machine Dedicated or Shared: SHARED
    * Amount of Hard Disk Storage (in MB): 6,000
    * Amount of RAM (in MB): 96
    * Clock Rate of CPU (in MHz): 50
  - System Comparisons
    * Amount of "Software Engineering" which went into the Development of the System: 3 PERSON-MONTHS
    * Given appropriate resources
      · Could your system run faster? : YES
      · By how much (estimate)? : 50