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## Instructions

Your .json Gold Standard has three forms of each query:

* original\_query: full text of query
* keyword\_query: keywords extracted from original\_query
* kibana\_query: Query in kibana form, using same keywords as keyword\_query, but possibly with phrase search, ‘must’, ‘should’ etc.

The evaluation program eqs\_evaluate\_query\_set\_v2.py will give you Precision and Recall values for your Gold Standard, first using the keyword\_query and then using the kibana\_query.

Remember, for this program, you must set the required values of n at the bottom:

eqs\_gold\_docid\_list( q[ "matches" ] ), [ 2, 5 ] )

That means n will be set first to 2, then to 5. For this particular evaluation, you want n=5 and n=10:

eqs\_gold\_docid\_list( q[ "matches" ] ), [ 5, 10 ] )

In both tables, write the original\_query in column 2.

In Table 1, write the P/R results for n=5 and n=10 for the keyword\_query, as given by the program.

In Table 2, write the P/R results for n=5 and n=10 for the kibana\_query, as given by the program.

## Table 1: Results for keyword\_query in .json

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Num** | **Original\_Query** | **P (n=5)** | **R (n=5)** | **P (n=10)** | **R (n=10)** |
| 1 | What is BeyoncÃ© Knowles-Carter known for? | 0.20 | 0.33 | 0.10 | 0.33 |
| 2 | Does Los Angeles has good economy? | 0.20 | 1.00 | 0.10 | 1.00 |
| 3 | What is BeyGOOD organization created? | 0.20 | 1.00 | 0.10 | 1.00 |
| 4 | Who was the founder of BeyGOOD? | 0.20 | 1.00 | 0.10 | 1.00 |
| 5 | What has BeyGOOD done? | 0.00 | 0.00 | 0.10 | 1.00 |
| 6 | Where is the griffith park? | 0.40 | 1.00 | 0.20 | 1.00 |
| 7 | What are BeyoncÃ© Knowles-Carter latest feature or album? | 0.00 | 0.00 | 0.20 | 0.50 |
| 8 | When did BeyoncÃ© Knowles-Carter give birth? | 0.20 | 0.50 | 0.20 | 1.00 |
| 9 | What collaborations did BeyoncÃ© Knowles-Carter? | 0.40 | 1.00 | 0.20 | 1.00 |
| 10 | Where is BeyGOOD located? | 0.20 | 1.00 | 0.10 | 1.00 |
| 11 | What venues has BeyoncÃ© Knowles-Carter performed in Los Angeles Beyonce? | 0.20 | 1.00 | 0.10 | 1.00 |
| 12 | Who is BeyoncÃ© Knowles-Carter family? | 0.40 | 1.00 | 0.20 | 1.00 |
| 13 | What are BeyoncÃ© Knowles-Carter Grammy Awards ? | 0.40 | 1.00 | 0.20 | 1.00 |
| 14 | Which are the best places in Los Angeles? | 0.40 | 1.00 | 0.20 | 1.00 |
| 15 | In which city is Hollowood located? | 0.60 | 0.75 | 0.30 | 0.75 |
| 16 | Which city has the best beaches? | 0.20 | 0.50 | 0.10 | 0.50 |
| 17 | Which is the short eared dog? | 0.20 | 1.00 | 0.10 | 1.00 |
| 18 | In which city is the Crypto.com Arena located? | 0.20 | 1.00 | 0.10 | 1.00 |
| 19 | Which is the Japanese raccoon dog? | 0.20 | 1.00 | 0.10 | 1.00 |
| 20 | What are some dog species? | 0.60 | 1.00 | 0.30 | 1.00 |

## Table 2: Results for kibana\_query in .json

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Num** | **Original\_Query** | **P (n=5)** | **R (n=5)** | **P (n=10)** | **R (n=10)** |
| 1 | What is BeyoncÃ© Knowles-Carter known for? | 0.20 | 0.33 | 0.10 | 0.33 |
| 2 | Does Los Angeles has good economy? | 0.20 | 1.00 | 0.10 | 1.00 |
| 3 | What is BeyGOOD organization created? | 0.20 | 1.00 | 0.10 | 1.00 |
| 4 | Who was the founder of BeyGOOD? | 0.20 | 1.00 | 0.10 | 1.00 |
| 5 | What has BeyGOOD done? | 0.00 | 0.00 | 0.10 | 1.00 |
| 6 | Where is the griffith park? | 0.40 | 1.00 | 0.20 | 1.00 |
| 7 | What are BeyoncÃ© Knowles-Carter latest feature or album? | 0.00 | 0.00 | 0.20 | 0.50 |
| 8 | When did BeyoncÃ© Knowles-Carter give birth? | 0.20 | 0.50 | 0.20 | 1.00 |
| 9 | What collaborations did BeyoncÃ© Knowles-Carter? | 0.40 | 1.00 | 0.20 | 1.00 |
| 10 | Where is BeyGOOD located? | 0.20 | 1.00 | 0.10 | 1.00 |
| 11 | What venues has BeyoncÃ© Knowles-Carter performed in Los Angeles Beyonce? | 0.20 | 1.00 | 0.10 | 1.00 |
| 12 | Who is BeyoncÃ© Knowles-Carter family? | 0.40 | 1.00 | 0.20 | 1.00 |
| 13 | What are BeyoncÃ© Knowles-Carter Grammy Awards ? | 0.40 | 1.00 | 0.20 | 1.00 |
| 14 | Which are the best places in Los Angeles? | 0.40 | 1.00 | 0.20 | 1.00 |
| 15 | Which city is Hollowood located? | 0.60 | 0.75 | 0.30 | 0.75 |
| 16 | Which city has the best beaches? | 0.20 | 0.50 | 0.10 | 0.50 |
| 17 | Which is the short eared dog? | 0.20 | 1.00 | 0.10 | 1.00 |
| 18 | In which city is the Crypto.com Arena located? | 0.20 | 1.00 | 0.10 | 1.00 |
| 19 | Which is the Japanese raccoon dog? | 0.20 | 1.00 | 0.10 | 1.00 |
| 20 | What are some dog species? | 0.60 | 1.00 | 0.30 | 1.00 |

**Question**: In Table 1, does Recall increase as *n* increases?

**Answer**: Recall is the ratio of the number of relevant records retrieved to the total number of relevant records in the database. So based on the definition of that the recall doesn’t change due to taking always the relevant items regarding the question of the query. Furthermore regardeless of whether the n=5 or n=10 the recall wont change it will always be the same for the first table.

**Question**: In Table 1, does Precision decrease as *n* increases?

**Answer**: Precision is the percentage of documents in the result set that are relevant so actually doesn’t increase it actually decreases as it collects more documents to take them in to account for precising exactly how much documents you have regarding the question you used for the query.Moreover it decreases due to taking more documents into account rather than before due making the precision lower due to the amount of documents you have given and the amount of documents taken into part being higher.

**Question**: In Table 2, does Recall increase as *n* increases?

**Answer**: Recall is the ratio of the number of relevant records retrieved to the total number of relevant records in the database. So based on the definition of that the recall doesn’t change due to taking always the relevant items regarding the question of the query. Furthermore regardeless of whether the n=5 or n=10 the recall wont change it will always be the same for the second table.

**Question**: In Table 2, does Precision decrease as *n* increases?

**Answer**: Precision(Precision is the percentage of documents in the result set that are relevant.)actually doesn’t increase it actually decreases as it collects more documents to take them in to account for precising exactly how much documents you have regarding the question you used for the query.Moreover it decreases due to taking more documents into account rather than before due making the precision lower due to the amount of documents you have given and the amount of documents taken into part being higher.