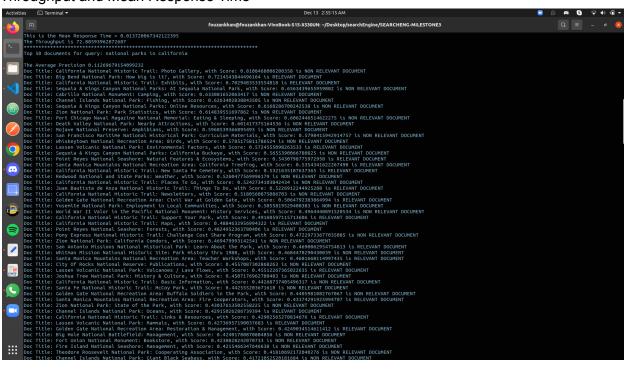
Fouzan Khan 028808414

The following code works for relevance files for parks corpus Queries are national parks in california fire in yosemite history of the national park service american bison range things to do in zion national park

Ranked Retrieval results DEFAULT

For query 1 "National parks in california" Throughput and Mean Response Time

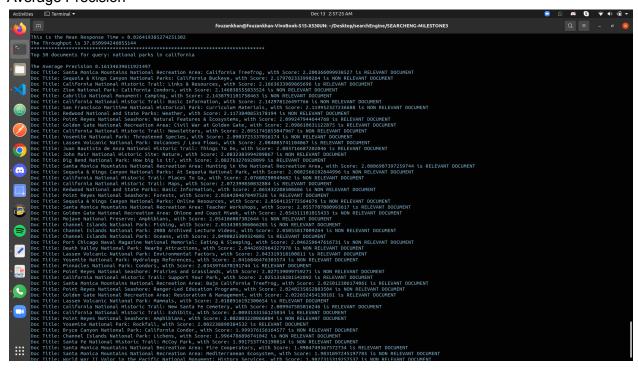


Average Precision for DEFAULT MODE

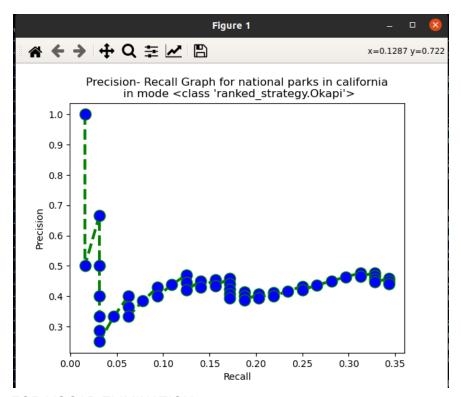
```
Do you want to see the curves?:(y/n)n
The mean average precision is 0.28475631913211846
1.Boolean Mode
2.Ranked Mode
3.Precision-Recall Curves
```

Ranked Retrieval results OKAPI

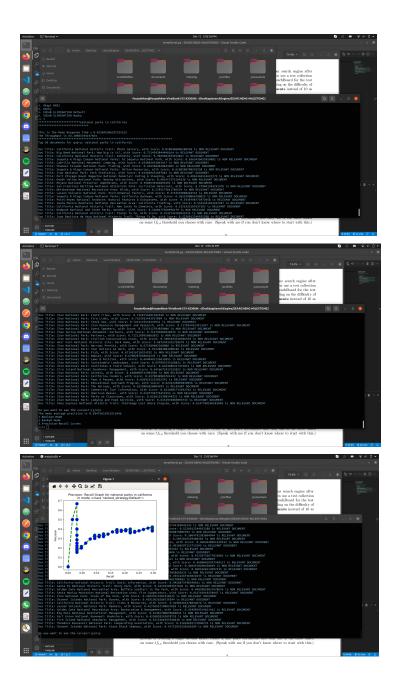
For query 1 "National parks in california" Throughput and Mean Response Time Average Precision



FOR OKAPI



FOR VOCAB ELIMINATION DEFAULT Values for throughput, mrt



DIFFERENT THRESHOLDS COMPARISON FOR DEFAULT

- 1. Threshold = 0.8
- 2. Threshold = 1.0
- 3. Threshold = 1.4(SELECTED THIS FOR HIGHEST MAP and Throughput)

MAP	Throughput	MRT
0.203	63.109	0.015
0.181	113.715	0.00879

0.258	132.79	0.0075