

# Συστήματα Ανάκτησης Πληροφορίας

## Rocchio Classification

Φοιτητής:

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### Sample Results

→ *Classic Classification – No Query Expansion*

runid	all	RUN
num_q	all	52
num_ret	all	11841
num_rel	all	796
num_rel_ret	all	389
map	all	0.2016
gm_map	all	0.0963
Rprec	all	0.2252
bpref	all	0.5553
recip_rank	all	0.5628
iprec_at_recall_0.00	all	0.6076
iprec_at_recall_0.10	all	0.4487
iprec_at_recall_0.20	all	0.3736
iprec_at_recall_0.30	all	0.2906
iprec_at_recall_0.40	all	0.2242
iprec_at_recall_0.50	all	0.1383
iprec_at_recall_0.60	all	0.1059
iprec_at_recall_0.70	all	0.0775
iprec_at_recall_0.80	all	0.0598
iprec_at_recall_0.90	all	0.0587
iprec_at_recall_1.00	all	0.0587
P_5	all	0.3115
P_10	all	0.2423
P_15	all	0.1949
P_20	all	0.1635
P_30	all	0.1321
P_100	all	0.0625
P_200	all	0.0344
P_500	all	0.0149
P_1000	all	0.0075

→ *Using Rocchio Classification – Query Expansion*

runid	all	RUN
num_q	all	52
num_ret	all	33439
num_rel	all	796
num_rel_ret	all	468
map	all	0.0594
gm_map	all	0.0303
Rprec	all	0.0698
bpref	all	0.6510
recip_rank	all	0.2070
iprec_at_recall_0.00	all	0.2236
iprec_at_recall_0.10	all	0.1333
iprec_at_recall_0.20	all	0.0902
iprec_at_recall_0.30	all	0.0763
iprec_at_recall_0.40	all	0.0624
iprec_at_recall_0.50	all	0.0479
iprec_at_recall_0.60	all	0.0375
iprec_at_recall_0.70	all	0.0294
iprec_at_recall_0.80	all	0.0241
iprec_at_recall_0.90	all	0.0221
iprec_at_recall_1.00	all	0.0221
P_5	all	0.0846
P_10	all	0.0654
P_15	all	0.0577
P_20	all	0.0548
P_30	all	0.0558
P_100	all	0.0335
P_200	all	0.0267
P_500	all	0.0164
P_1000	all	0.0090