	Precision@10	NDCG10	
TaskSieve	0.862	0.917	
VIBE	0.914	0.963	
VIBE+NE	0.890	0.948	* Significantly different compared to the baseline

P@10

TaskSieve	0.862
VIBE	0.914
VIBE+NE	0.890

Precision@10

NDCG10

TaskSieve	0.917
VIBE	0.963
VIBE+NE	0.948

NDCG10
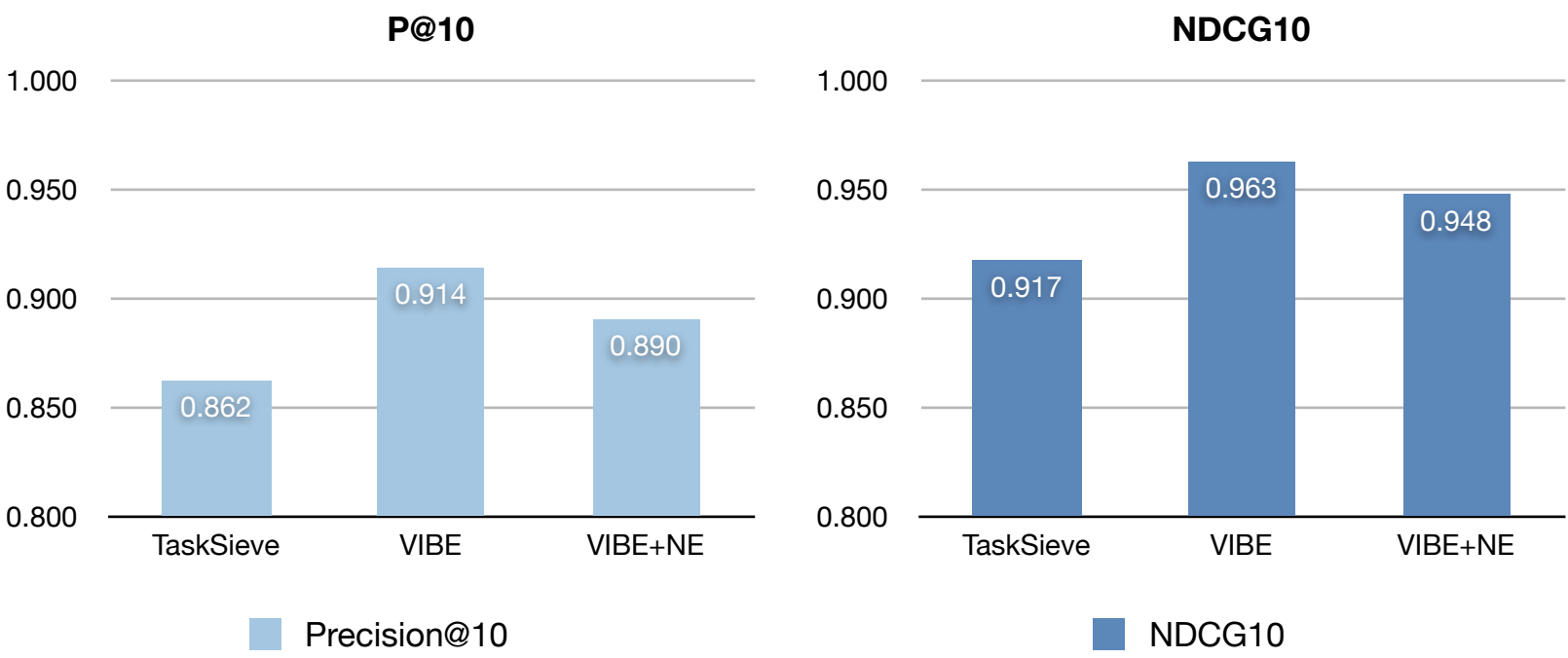
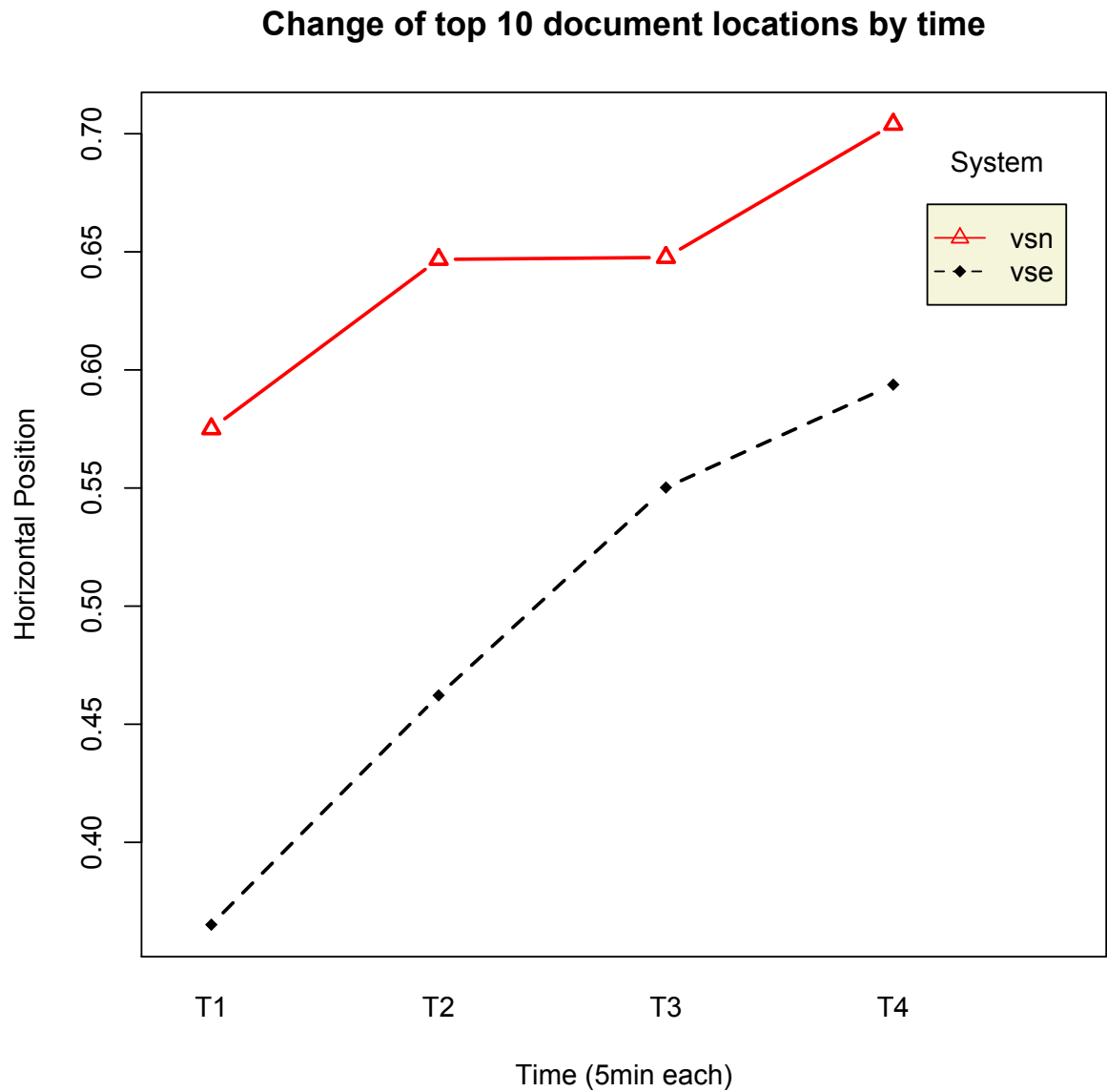| Position	Left Half	Right Half
Count	273	503
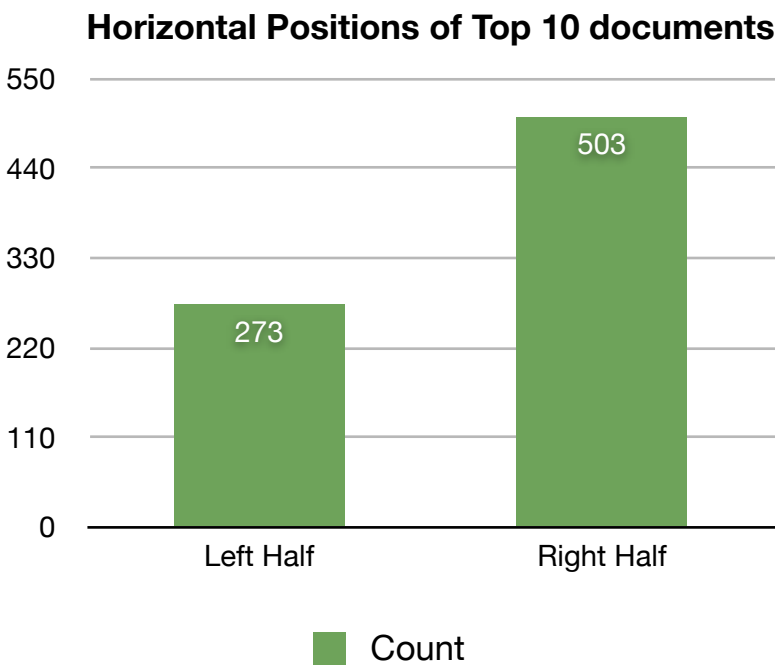
Position	Left Half	Right Half
Count	156	387

Horizontal Positions of Top 10 documents

Left Half 273
Right Half 503

Count

Horizontal Positions of Top 10 documents (after UM built)

Left Half 156
Right Half 387

Count
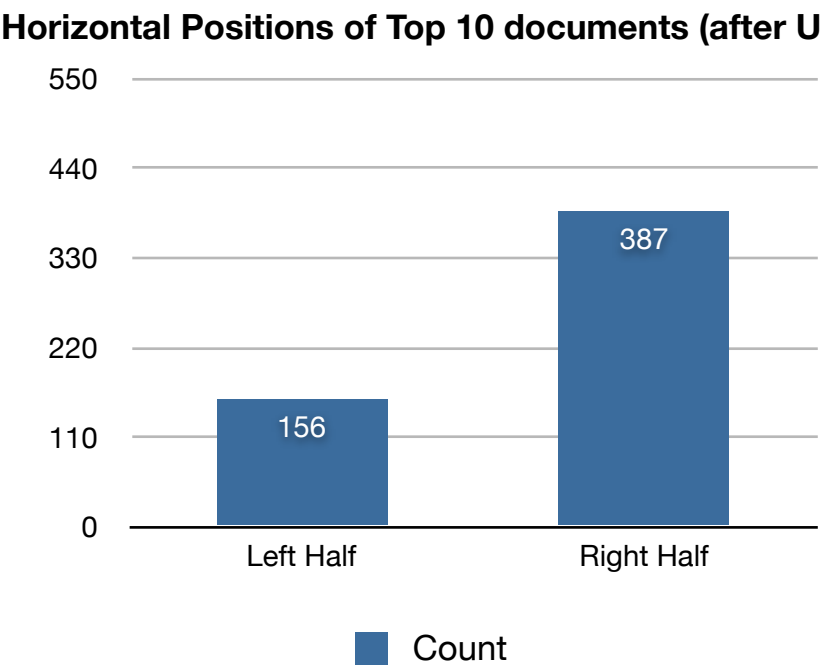
More than 70% of the top 10 documents were displayed closer to the UM

Change of top 10 document locations by time

System
vsn
vse

Time (5min each)

Horizontal Position

Change of top 10 document locations by time

Topic
40048
40009
40021

Time (5min each)

Horizontal Position

Chart 5

	TaskSieve	VIBE	VIBE+NE
Precision@10			
NDCG10			

Precision@10   NDCG10
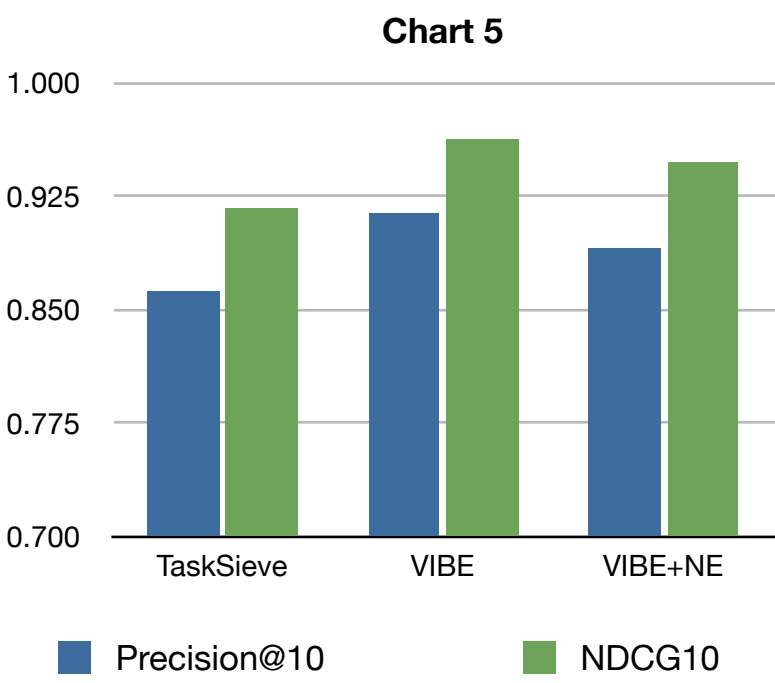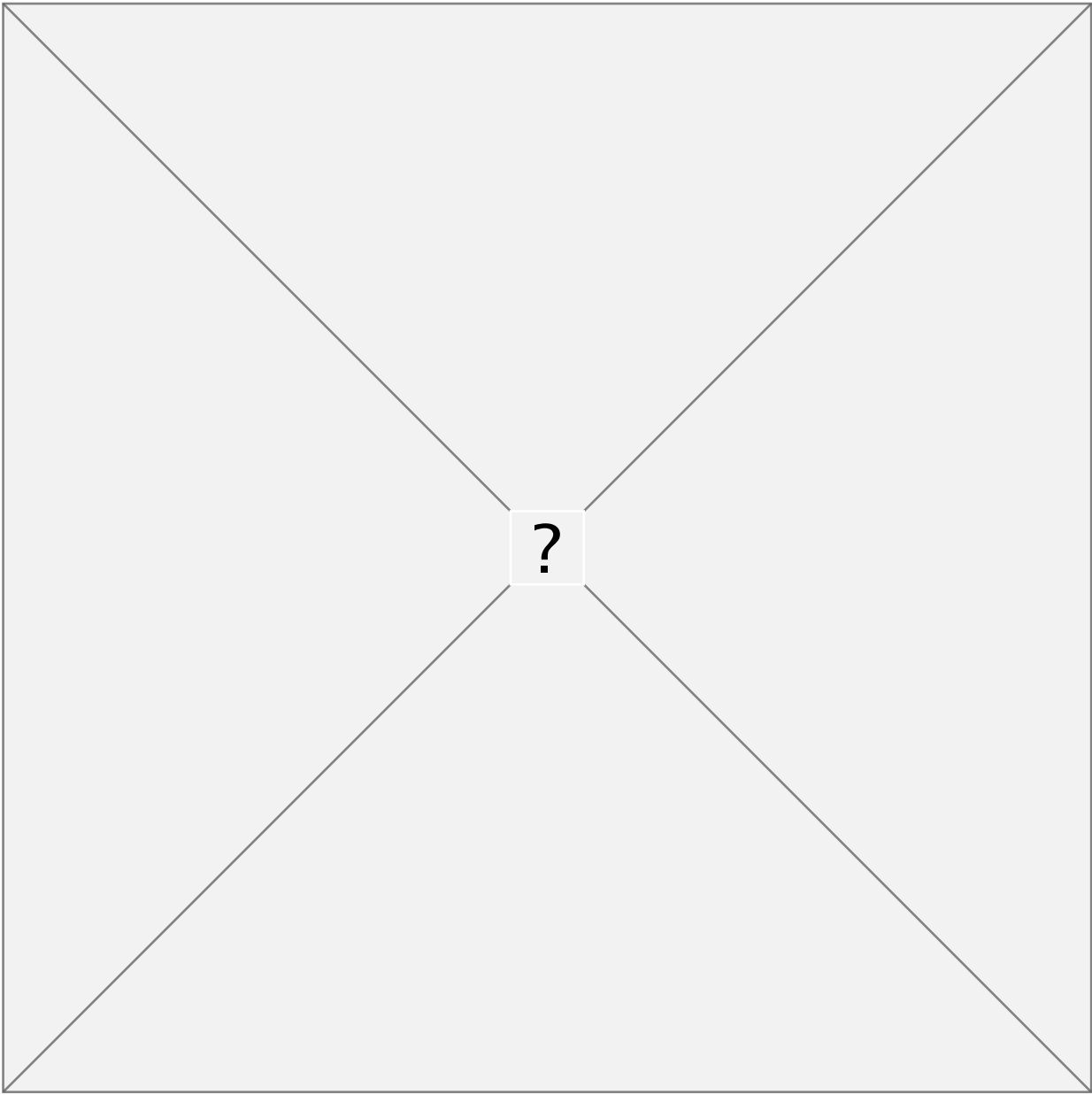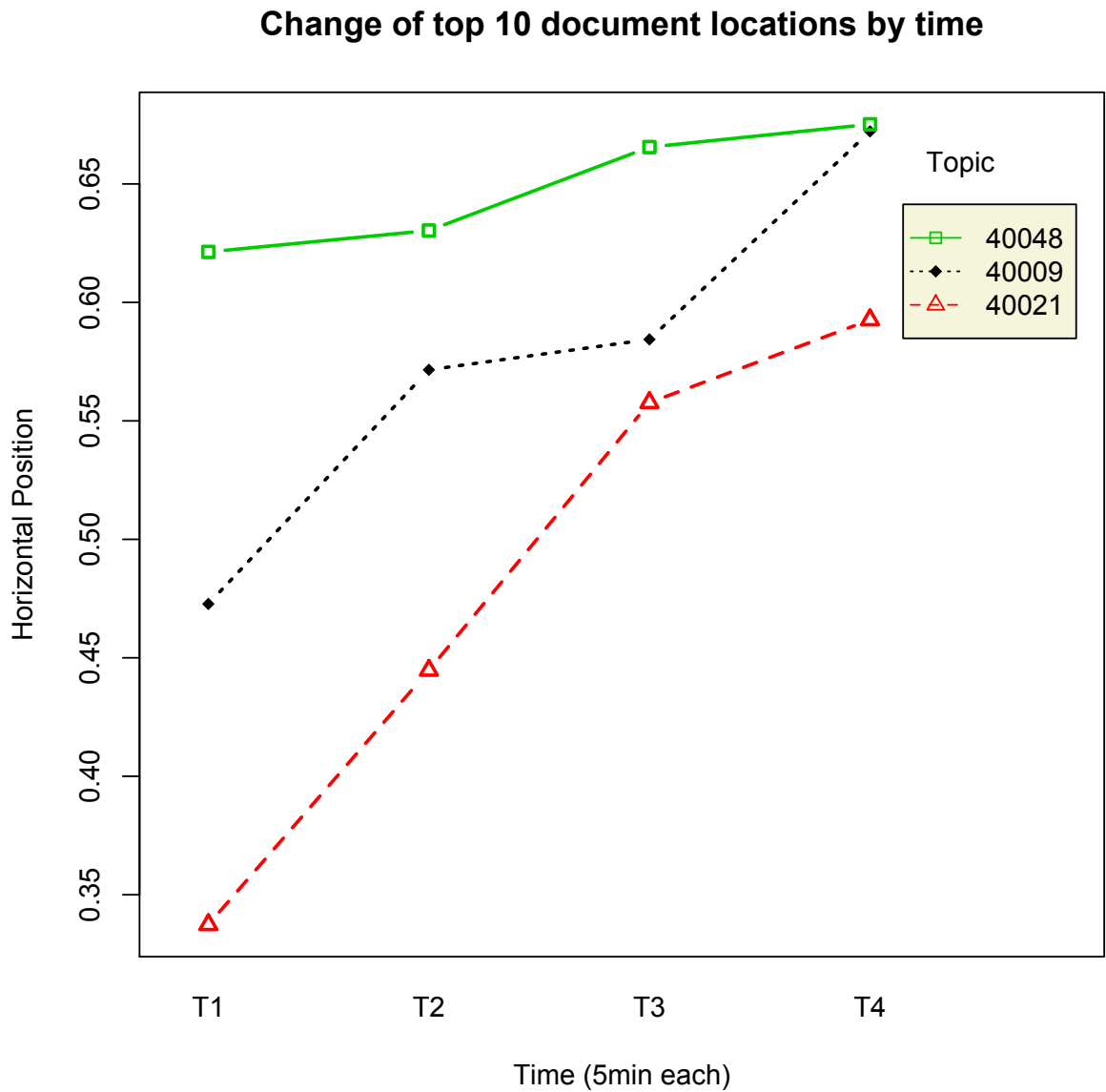
	Open Precision	
TaskSieve	0.950	
VIBE	0.875	
VIBE + NE	0.875	**Differences are not significant**

Open Precision
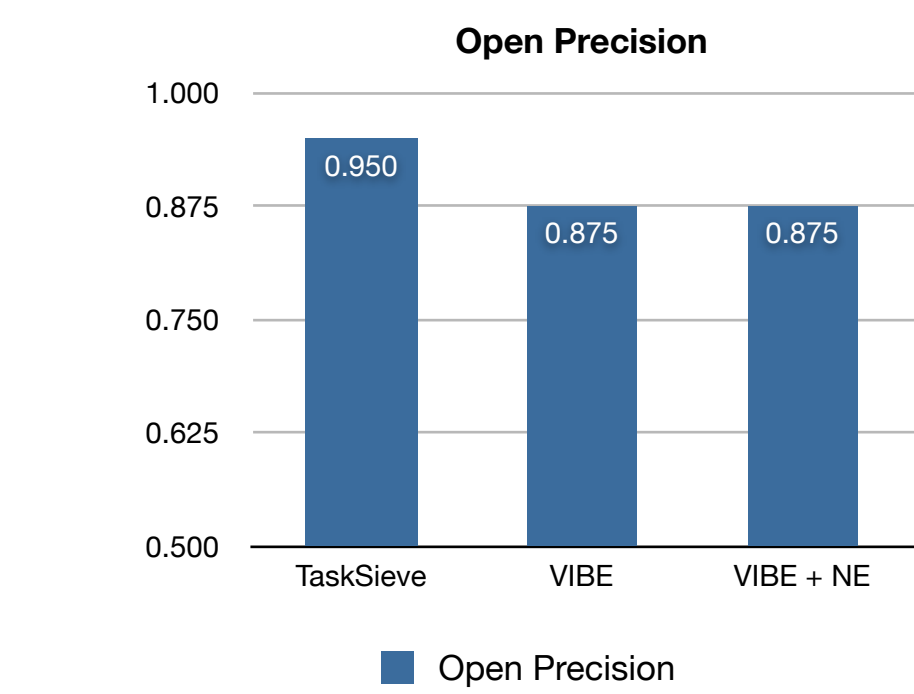
	Open Rank	Open Rank (Relevant)	Saved Rank	Saved Rank (Relevant)
TaskSieve	4.00	3.96	3.63	3.60
VIBE	21.76	13.26	10.73	9.44
VIBE + NE	24.40	10.77	11.43	11.49

Rank of open documents (Relevant)

Rank of saved documents (Relevant)
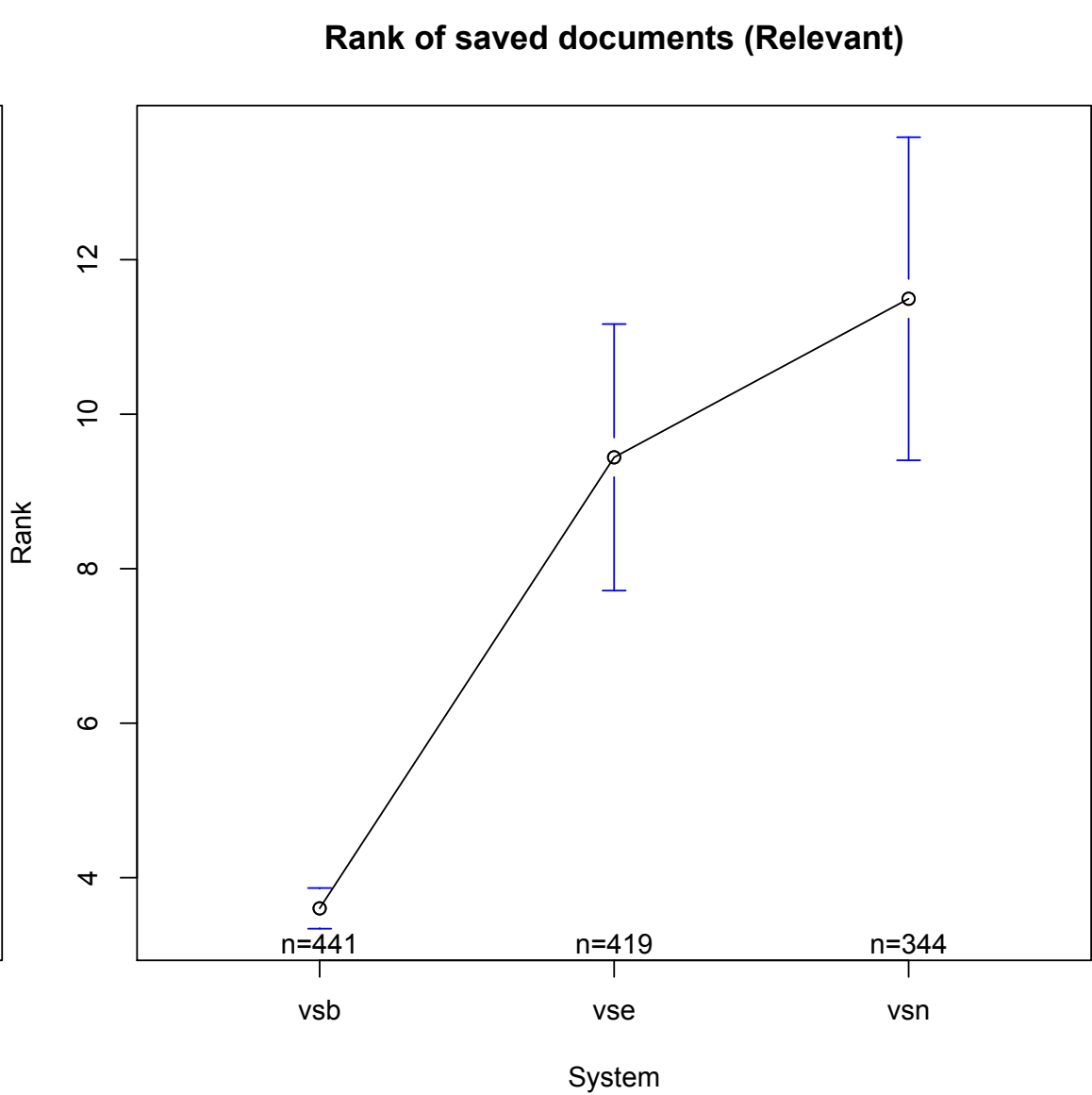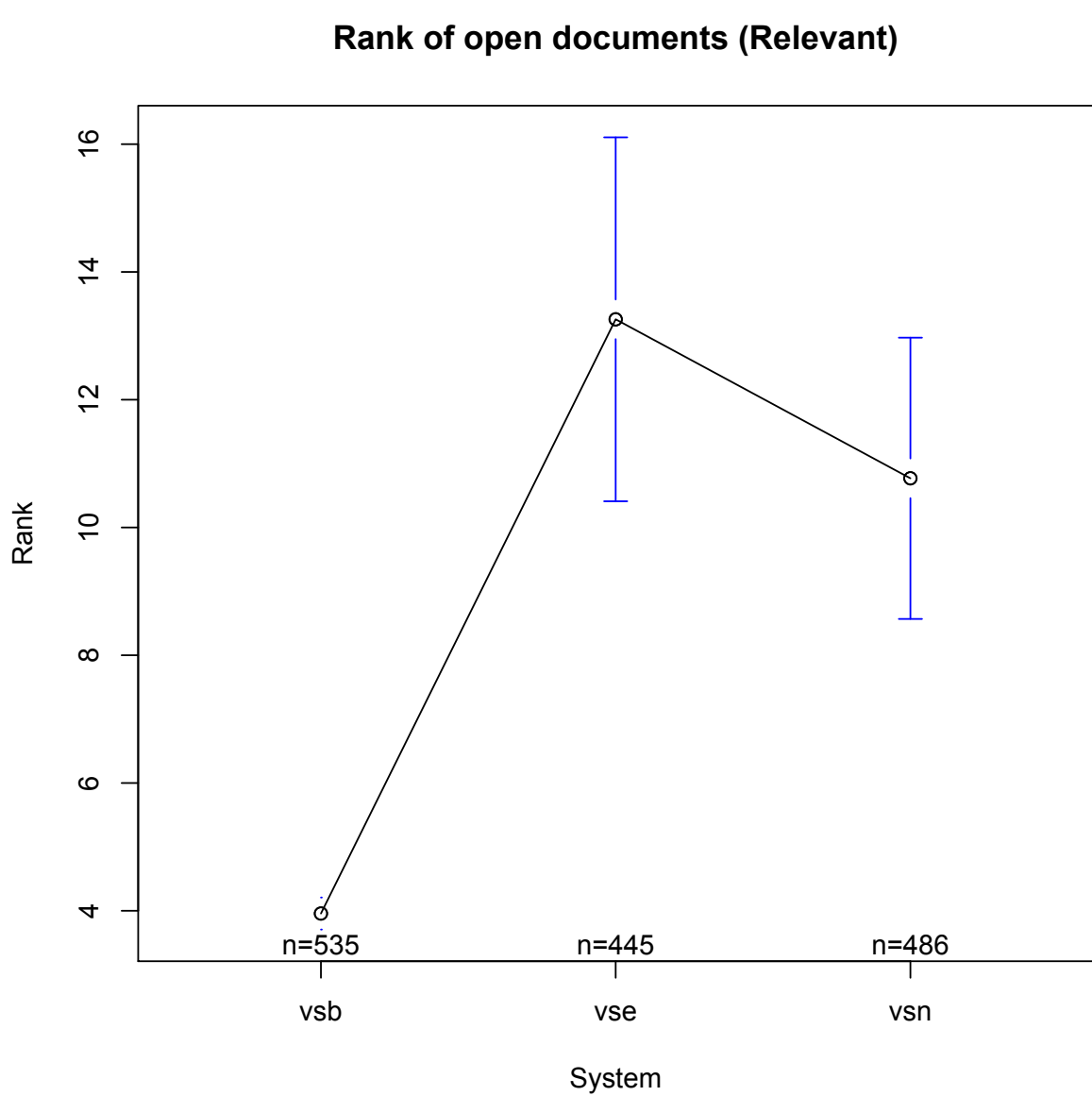
	40009	40021	40048
TaskSieve	7	8	9
VIBE	9	9	9
VIBE + NE	9	9	8

Coverage of Topics (from open docuemtns)
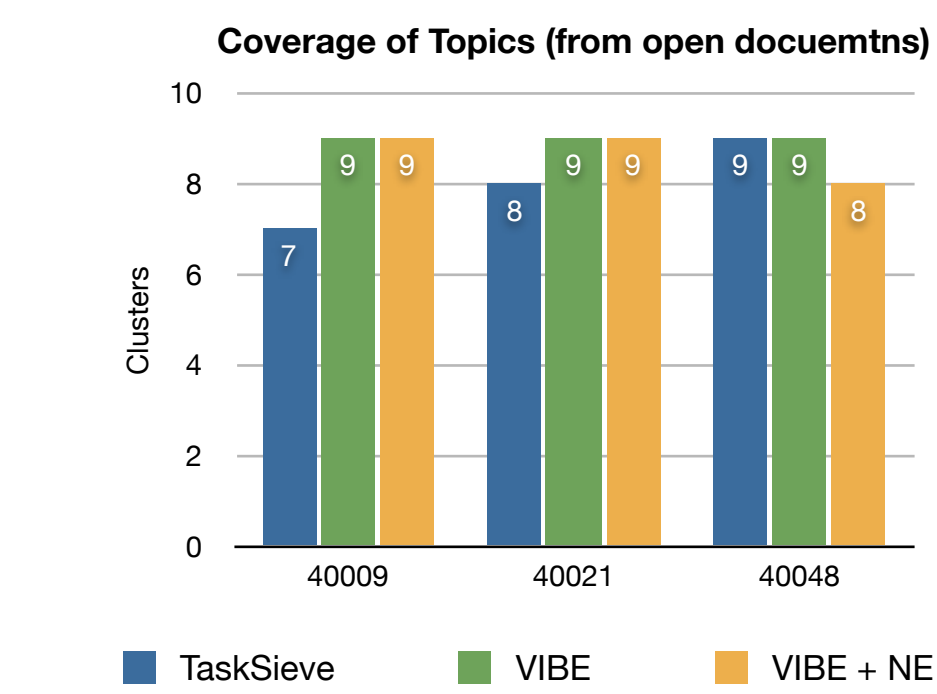
	40009	40021	40048
TaskSieve	5	7	8
VIBE	7	8	8
VIBE + NE	8	9	7

Coverage of Topics (from noted documents)
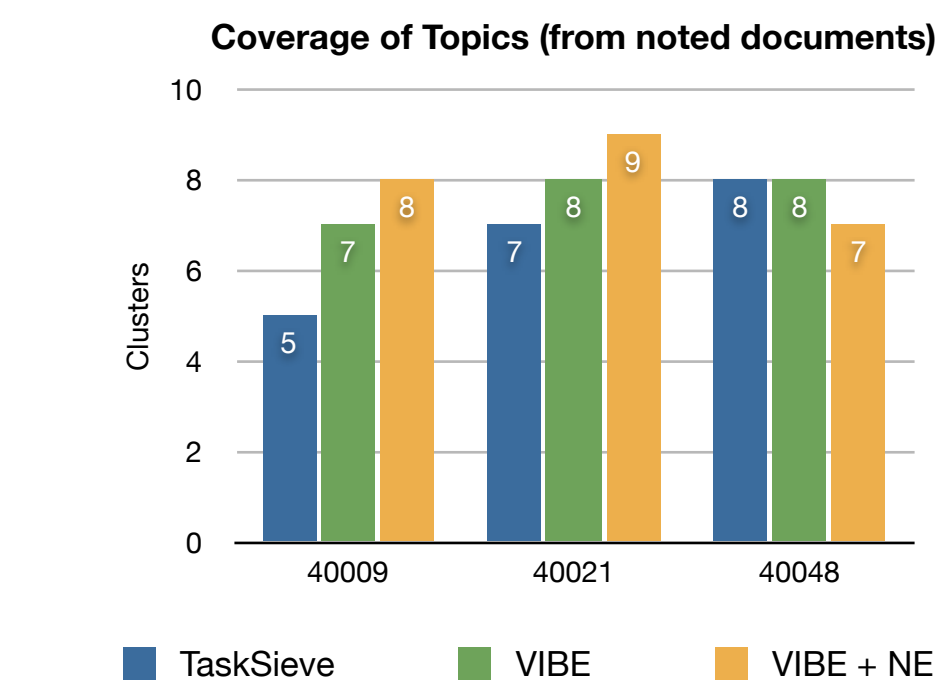
	Note		
TaskSieve	0.791		
VIBE	0.819		
VIBE + NE	0.866	p=0.00	Significantly
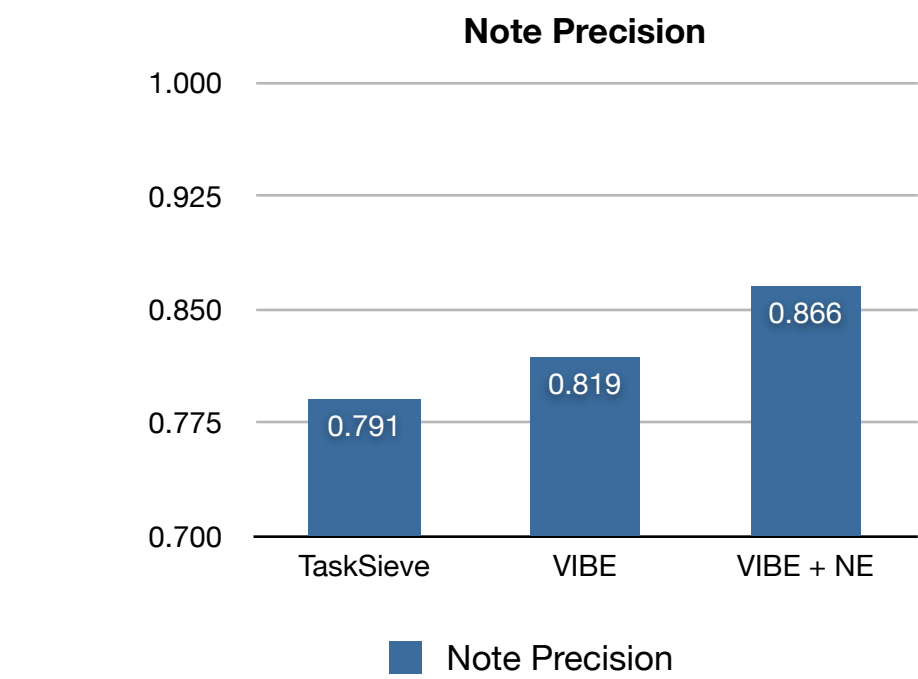
Note Precision

	40009	40021	40048		
TaskSieve	0.691	0.790	0.901		
VIBE	0.769	0.798	0.866		
VIBE + NE	0.784	0.888	0.931		Significantly different from the baseline

Note Precision by Topic
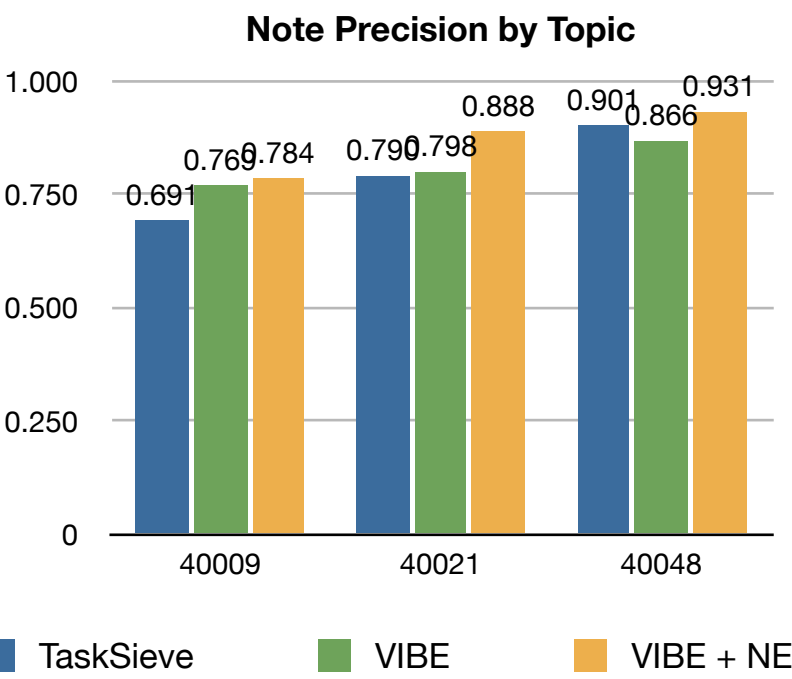
	Sum of Precision	Count of High Precision Notes (>= 0.9)	
TaskSieve	362.98	343	
VIBE	397.86	379	
VIBE + NE	366.17	355	

Productivity

Productivity