A Support Vector Machine for Optimizing Average Precision

Yisong Yue, et al., SIGIR'07

- Experiment results

Model	TREC 9		TREC 10	
	MAP	W/L	MAP	W/L
SVM_{map}^{Δ}	0.290	–	0.287	–
SVM_{roc}^{Δ}	0.282	29/21	0.278	35/15 **
SVM_{acc}	0.213	49/1 **	0.222	49/1 **
SVM_{acc2}	0.270	34/16 **	0.261	42/8 **
SVM_{acc3}	0.133	50/0 **	0.182	46/4 **
SVM_{acc4}	0.233	47/3 **	0.238	46/4 **